SANITARY FITTINGS & ACCESSORIES
HEATING SOLUTION & INSTALLATION

FERRO®

CATALOGUE 2025



Comprehensive solutions for the home

The comfort of use and the safety of domestic installations are the objectives that guide us in the creation of our range. In order to guarantee these, we are successively adding further products, the installation of which will allow us to create a complete system, and the mutual operation of which will give this guarantee of long-term smooth operation and the efficiency and quality that our customers care about.



CATALOGUE 2025

4 CONTENTS

6 NOVELTIES

10 FERRO GROUP

14 SANITARY FITTINGS & ACCESSORIES

16 Strengths
26 Products

264 INSTALLATION & HEATING TECHNIQUE

266 System Ferro
268 Strengths
274 Products

460 PRODUCT INDEX

SANITARY FITTINGS & ACCESSORIES



24 BATHROOM MIXERS

26 Overview
28 Surfaces and functions
30 Adore
32 Stratos
36 Zicco
39 Alba Verdeline
40 Tiga Verdeline
42 Algeo Square
46 Fiesta
49 Algeo
57 Vitto Verdeline
63 Ritto
67 Vasto
70 Stillo
71 Smile
73 Ferro One
76 Savio
77 Isso
79 Basic
81 Antica
82 Retro New
84 Retro
86 Standard
88 Thermostatic mixers



89 SHOWER PROGRAMMES

90 Overview
92 Rainfall shower systems and thermostatic mixer
95 Rainfall shower systems and mixer Verdeline
96 Rainfall shower systems and mixer Verdeline
101 Shower sets with rainfall Verdeline
103 Shower sets with rainfall
112 Built-in shower sets
115 Shower sets
121 Shower spot sets
124 Shower handle holders
126 Shower handles
131 Shower heads
132 Rain shower heads
135 Shower arms
136 Angle connectors for flush-mounted systems



141 BATHROOMS ACCESSORIES

142 Overwiew
143 Antica
145 Retro
147 Emotion
150 Greta
154 Smile
156 Mephisto
159 Toilet seats



164 ACCESSORIES AND SPARE PARTS

164 Overview
165 Linear drains
168 Siphons
170 Drain valves
174 Angle valves



178 KITCHEN FITTINGS

180 STANDING KITCHEN MIXERS

180 Overview
182 Surfaces and functions
184 Standing kitchen mixers
196 Low presure mixers

197 WALL-MOUNTED MIXER TAPS

197 Overview
198 Wall-mounted mixer taps



200 SINKS

201 Overview
202 Granite sinks
206 Granite sink sets
207 Utility sinks

HEATING SOLUTION & INSTALLATION



208 SPECIALIST FITTINGS

209 Overview
210 Medical mixers
213 Time delay mixers and valves
216 LEED/BREEAM mixers
221 LEED/BREEAM showers
223 Touchless fittings - accessories
224 Programme Hotel
225 Metalia Help



229 ACCESSORIES AND SPARE PARTS

229 Overview
230 Kitchen mixer spouts
232 Spouts
233 Jet regulators
236 Sink mixer handle and hoses
237 Ceramic heads and regulators
240 Mixer handles
242 Rosettes
245 Mixers mounting accessories
249 Plugs and drains
251 Strainers
252 Caps and reductions
253 Funnels
254 Gaskets
260 Mounting
262 Switches



274 FLOOR SYSTEMS

275 Ferro system
280 Tools
281 Accessories



283 MANIFOLDS AND ACCESSORIES

285 Stainless steel manifolds
288 Brass manifolds
293 Manifold accessories
299 Manifold cabinets
301 Mixing groups
303 Sanitary manifolds



306 HEATING CONTROL



309 HYDRAULIC FITTINGS

311 Ball valves - F-Comfort
317 Ball valves - F-Power
324 Ball valves - Herkules
327 Angle ball valves with half-union
330 Angle ball valves with half-union sets
331 Magnetic dirt separator
333 Ball valves - other
334 Other water valves
340 Angle valves
346 Connection hoses



350 MEASURING DEVICES

352 Pressure gauges
354 Thermometers and thermomanometers
355 Accessories



356 GAS FITTINGS

357 Gas valves
361 Gas filters
362 Gas hoses



364 CONTROL AND SAFETY FITTINGS



370 EXPANSION VESSELS

371 Vessels for heating systems
374 Vessels for DHW
376 Universal vessels
378 Accessories



379 FITTINGS

380 Raw brass fittings
386 Chrome plated brass fittings
389 Brass unions
392 Pump half unions



393 CENTRAL HEATING & DOMESTIC HOT WATER INSTALLATION KITS

394 Heat exchangers
397 Mixing valves
398 Differential valves
399 Pumping groups
400 Steel manifolds and hydraulic couplings
401 Pump groups / accessories



402 PUMPS

403 Circulation pumps
413 Drinking water circulation pumps



417 RADIATOR AND ACCESSORIES

418 Bathroom radiators
424 Radiator accessories



432 RADIATOR FITTINGS

434 Thermostatic valves
435 Thermostatic heads
438 Radiator valves
441 Radiator sets



454 SPARE PARTS

VITTO GUN METAL

Stylish and Modern

The rawness and simplicity of an interior don't have to feel cold or neutral. The interplay of light with the copper glow of the walls can effectively add warmth and coziness to a space. The uniqueness of minimalist interiors is highlighted by details, including mixers and showers in the trendy new gun metal finish. The graphite-black coating of the fixtures adds elegance and reinforces the modern character of the bathroom.





ZUMBA GUN METAL

On trend

Compact, modern apartments designed with a cohesive color scheme and minimalism are the perfect setting for the new Zumba model in a gun metal finish. The harmony created by a subdued color palette is a trend worth incorporating into designs—both visually appealing and highly functional. Just like Zumba.





Get to know FERRO GROUP

FERRO Group is one of the largest manufacturers of sanitary fittings, installation systems, and heating solutions in Central and Eastern Europe. The scale of operations, the strategy for expanding the product range and distribution network have made FERRO Group's brands well-known and valued in dozens of countries. One of the top priorities for all companies within the Group is building customer trust by delivering durable and functional products.

Decades of experience, a highly skilled team, and an innovative market approach are key elements of FERRO Group's success. A boldly executed vision, clear goals, and dynamic growth reassure business partners, suppliers, and investors that they are working with a reliable and trustworthy company.

The mission of FERRO Group is to provide customers with safe and reliable solutions for their homes, meeting their heating and domestic water needs through modern and long-lasting products from the Group's brands.

To continuously improve and expand into new markets, FERRO Group leverages its key strengths, including:

Market Experience
Both the long-standing presence in the industry and expertise in sales across local markets are valuable assets that help build customer loyalty and trust.

Comprehensive Product Range
FERRO Group is one of the few manufacturers in Europe offering such a wide and complete selection of products for installation and bathroom and kitchen equipment. From heat sources to warm water supplied by Ferro's mixers and fittings, the Group provides integrated solutions for homes and businesses.

Quality and Safety
At every stage of cooperation, FERRO Group operates according to the highest standards. Legal and certification requirements are always a priority when developing the product portfolio. With an ISO 9001:2008 Quality Management System in place, these standards undergo continuous monitoring and improvement.

People and Relationships
A diverse, international team built on shared values is one of FERRO Group's most valuable assets. The company bases its relationships with customers and business partners on principles of partnership and integrity, ensuring long-term, trust-based cooperation.

Potential and growth



Leveraging Local Potential and Availability
Decades of experience in manufacturing, adaptation to geopolitical changes, and market trends have enabled the Ferro Group to develop a well-thought-out growth strategy and build an efficient logistics network across Europe.

The construction of new warehouses, as well as the expansion and modernization of existing storage facilities, has increased product availability and accelerated order fulfillment for local markets.

The development of implementation teams, investment in projects, and research are key elements of the production growth strategy in Poland and the Czech Republic. Innovation and alignment with market trends and customer needs drive the successful sales of Ferro Group's own products.

FERRO Group companies

- **FERRO S.A.** Poland
- **FERRO International Sp. z o.o.** Poland
- **TERMET S.A.** Poland
- **Heating Polska sp. z o.o.** Poland
- **NOVASERVIS spol. s.r.o.** Czech Republic
- **NOVASERVIS FERRO Group SRL** Romania, Moldova
- **NOVASERVIS FERRO SK s.r.o.** Slovakia
- **FERRO HUNGARY KFT** Hungary
- **NOVASERVIS FERRO Bulgaria Ltd.** Bulgaria
- **FERRO BALTICS UAB** Latvia, Lithuania, Estonia
- **FERRO ADRIATICA** Croatia, North Macedonia, Bosnia and Herzegovina, Montenegro, Slovenia



Headquarters and logistics center – Skawina, Poland



Production plant and logistics center – Świebodzice, Poland



Production plant and logistics center – Znojmo, Czech Republic



Logistics center – Buftea, Romania

FERRO GROUP brands

We listen to our customers' needs and create high-quality products under the following brands: Ferro, FDesign, Nobless, Metalia, Titania, and Termet. Each brand is tailored to meet the needs of different customer groups, but they all share a common goal—to simplify everyday life and ensure safe, comfortable, and functional home interiors.

Global Brand

FERRO GROUP

Group Brands

novaservis FERRO GROUP · termet FERRO GROUP · HP Heating Polska

The products of FERRO Group's brands are currently sold in over 50 countries worldwide.

FERRO GROUP →

FERRO Group owns multiple product brands, giving it a significant edge over competitors and ensuring a strong market position. The diverse and comprehensive product portfolio enables the company to attract customers from various market segments.

FERRO

A brand offering sanitary fittings, bathroom and kitchen accessories, as well as installation and heating solutions. Recognized for quality, reliability, and durability.

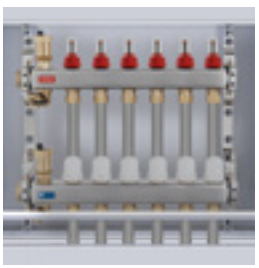
termet

A Polish brand with an 80-year tradition in manufacturing gas boilers and water heaters. Today, it is a respected supplier of modern heating solutions, including both traditional systems and renewable energy (RES) technologies.

FDESIGN

Created for customers who value both quality and contemporary design. The premium products of FDesign are sold in bathroom showrooms, attracting the interest of interior designers and design enthusiasts.





The World of FERRO GROUP

The roots of FERRO Group's manufacturing companies are deeply connected to local communities and traditions. These foundations shape the company's corporate values, which are the basis of its shared success. With courage and continuous development, openness to new markets, and respect for people, FERRO Group has built strong trust among its partners and customers worldwide.

Global Vision, Local Roots

FERRO Group operates across European markets through local distribution companies. This approach allows the company to understand market needs thoroughly and adapt its operations to local conditions. Flexibility and regional presence, combined with the global capabilities of the Group, make FERRO a leader in the sanitary fittings and heating technology industry in Europe. The consistent pursuit of its international expansion vision drives FERRO Group's growth into new markets.

novaservis FERRO GROUP →

Novaservis is a brand with a long tradition on the Czech and Slovak markets. Products manufactured under the Metalia, Titania and Nobless brands place Novaservis on the podium of manufacturers and retailers of bathroom equipment.

METALIA

A well-known and respected brand of bathroom and kitchen taps. The range also includes a water-saving programme.

TITANIA

A trusted and customer-favorite brand, ensuring good quality at a reasonable price.

NOBLESS

Nobless is a brand offering products of excellent design, tailored to trends and customer tastes. It is mainly known in the markets of Central Europe.










SANITARY FITTINGS & ACCESSORIES



BATHROOM MIXERS
24



SHOWER PROGRAMMES
89



BATHROOMS ACCESSORIES
141



SANITARY ACCESSORIES
164



KITCHEN MIXERS
178



SINKS
200



SPECIALIST FITTINGS
208



ACCESSORIES AND SPARE PARTS
229

Perfect
for Your Home

We ensure that our products provide long-lasting performance. Low energy and water consumption, safety, and everyday comfort are our top priorities. We understand that every home has different needs, and our products are an integral part of daily life for millions of customers. Our goal is to make FERRO's offering perfectly suited to every user—modern, precise, and built to last for years.

Among FERRO's wide range of products, there are true design gems, recognized and appreciated in industry competitions and awards.



Integrated solutions

While expanding FERRO's product range over the years, we always focus on innovation and user needs. We consider diverse tastes and requirements, offering flexibility in selection from various perspectives—style, functionality, and budget. As a result of our continuous development, we provide solutions for bathrooms, sanitary installations, and heating systems, enabling the creation of modern setups. Their integrated system approach allows for the seamless selection of components, ensuring consistent quality and guaranteed performance within the FERRO system.

In the kitchen and bathroom, comfort and functionality are key. FERRO offers everything you need—mixers, sinks, showers, and accessories. Our water-saving collections help reduce bills while combining modern design with top quality. With a universal style, they fit various interiors, ensuring a harmonious look. Certified quality guarantees durability and reliability.









Their universal design makes them a perfect fit for kitchens and bathrooms in various styles. Our comprehensive range ensures a harmonious interior look. Flawless craftsmanship and elegant design are our priorities, with quality confirmed by certifications and approvals.

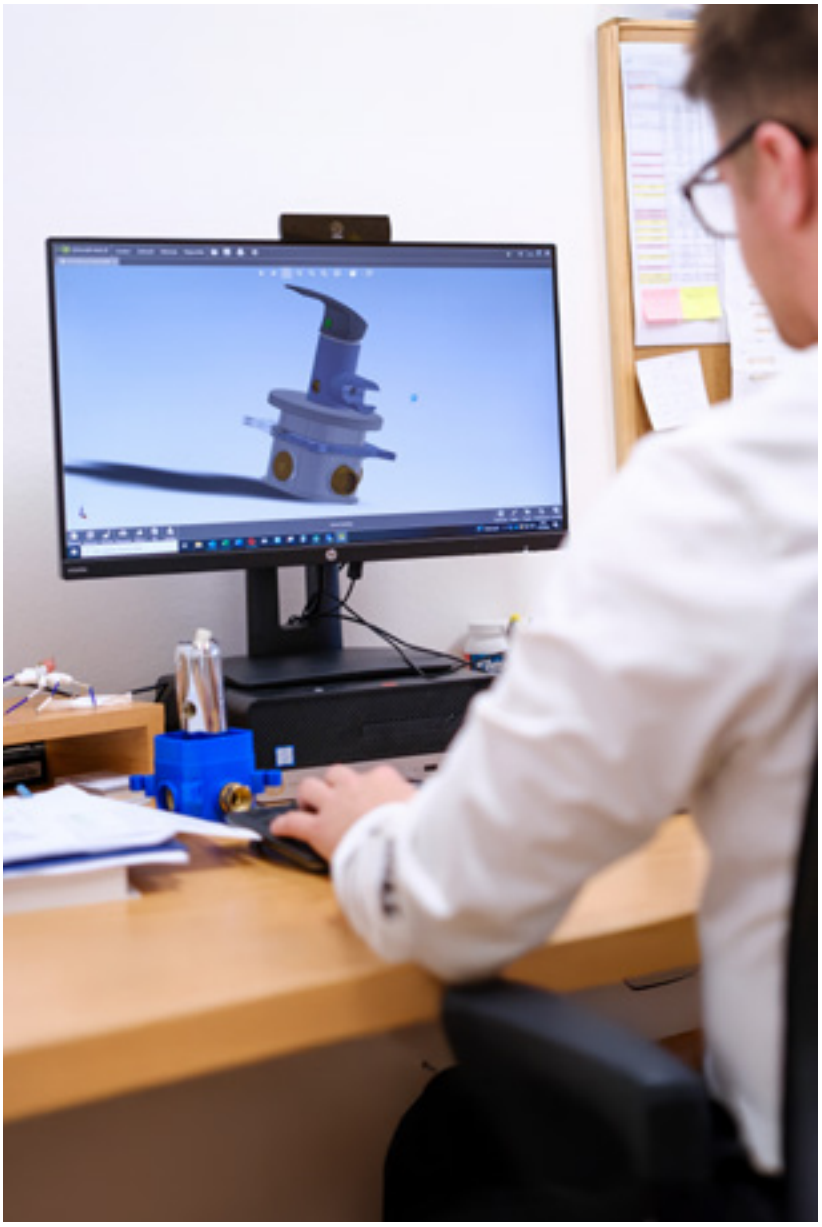
Production Process

FERRO Group is one of the largest manufacturers of sanitary fittings, installation systems, and heating technology, including heat sources, in Central and Eastern Europe. We combine local roots with international reach. The strength of FERRO Group brands lies in the exceptional quality of products manufactured in Świebodzice, Poland, and Znojmo, Czech Republic, following European technological and work organization standards. Additionally, selected items from FERRO's extensive portfolio—spanning several thousand models—are produced in various factories across Europe and Asia.

Before leaving the factories, all products undergo meticulous quality control. Our customers receive tested and reliable products, ensuring many years of comfortable use.







We continuously update and expand our product range, offering unique solutions in 25 categories—from bathroom and kitchen mixers, sinks, and sanitary fittings to measurement fittings, radiators, Termet heat sources, pumps, and heating control systems.
FERRO Group operates production facilities in Poland and the Czech Republic, where we develop heat sources, manifolds, mixers, and accessories. Our distribution network spans Romania, Bulgaria, Croatia, Slovakia, Lithuania, and Hungary, with representative offices in Serbia, Greece, Ukraine, and Azerbaijan.



Logistics

FERRO Group owns several product brands, giving it a strong competitive edge and market position. We operate modern logistics centers in Skawina (Poland) and Buftea (Romania), along with multiple warehouses across Europe. These automated facilities enable fast and efficient order processing. FERRO continues to expand its logistics network, optimizing delivery routes with a focus on cost efficiency and environmental impact.

Since 2025, all FERRO Group companies have been operating on a unified ERP system (Enterprise Resource Planning), further enhancing planning, reporting, and order fulfillment. We have been adhering to global standards since 1992—and we keep evolving.







Responsibly and Comfortably

Customer needs and the desire to meet them in the best possible way play a key role in shaping our product range. Reducing plastic waste and promoting healthy living are made easier with FERRO's filtered water systems. These solutions offer ease of use, accessibility, and everyday comfort, providing real benefits for every household.



Ecology and corporate responsibility

Sustainable use of our planet's resources is not a trend—it's a necessity. Choosing eco-friendly solutions doesn't mean sacrificing comfort or aesthetics. FERRO's user-friendly products help reduce cold and hot water consumption while significantly lowering heating costs. Particularly noteworthy are the VerdeLine faucets and showers, as well as thermostatic products and radiator accessories, designed for greater efficiency and sustainability. We are also expanding the Termet product line to include renewable energy solutions (RES).



Modern consumers increasingly prioritize resource efficiency and environmental responsibility when making investment decisions. At the same time, operating costs and product longevity remain key considerations. These values are at the heart of FERRO's product development strategy.



Calculator savings →

https://ferro.pl/oszczedzanie-wody

Verdeline product range:

39 Alba Verdeline
40 Tiga Verdeline
57 Vitto Verdeline
101 Kanto Verdeline
102 Amiga Verdeline
102, 123, 127 Amigo Verdeline

3 SIMPLE RULES:

USE
SAVE
CONSERVE



BVI2VLBL Standing washbasin mixer
BVI2LVLBL Standing counter washbasin mixer

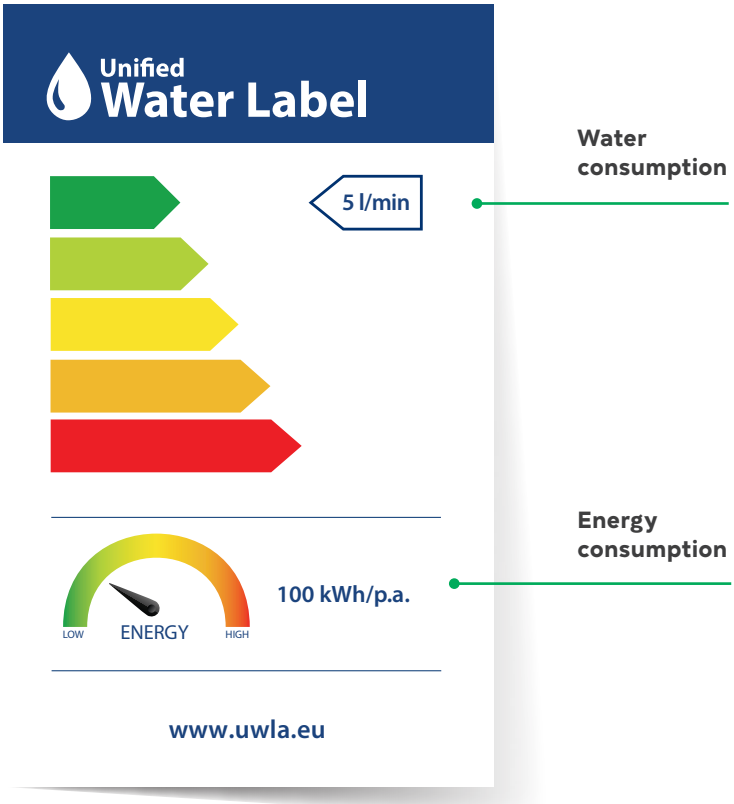
INVEST IN WATER
100%*
ANNUAL RETURN

*** Check details →**

New quality in saving

The Unified Water Label Association, based in Newcastle (UK), is an association whose main objective is to implement uniform water and energy labelling of sanitary products throughout Europe. The world's water resources are limited and water scarcity, with a growing population and climate change, is becoming a major global issue. This is why water consumption labels have been developed to raise awareness of which appliances use less water, so that we use water more efficiently. Ferro S.A. is a manufacturer focusing on ecological solutions and supporting the policy of saving natural resources. Selected VERDELINE products from our offer are labelled with WATER LABEL, thanks to which our customers know which of them use less water and energy, which additionally translates into reduced costs.





Water Label certified products:

39 Alba Verdeline
40 Tiga Verdeline
57 Vitto Verdeline





Bathroom fixtures

The collection of Ferro bathroom fixtures is a rich offer allowing for comprehensive bathroom fitting. Among the proposed solutions you will find functional washbasin, bath, shower and bidet mixers as well as modern shower sets. Mixers and shower sets are distinguished by their attractive design in compliance with the latest design trends. They fit perfectly into various arrangements. You can easily match the product to your style, from classic to very modern interiors.

CHROME



STRATOS
32



ZICCO
36



ALBA VERDELINE
39



TIGA VERDELINE
40



ALGEO SQUARE
42



STILLO
70



SMILE
71



FERRO ONE
73



SAVIO
76



ISSO
77



THERMOSTATIC MIXERS
88

WHITE-CHROME — BLACK-CHROME — BLACK



ADORE
30



ALGEO SQUARE
45



STRATOS
34



ZICCO
38



ALGEO
55

GOLD — BRIGHT GOLD



VITTO VERDELINE
61



FIESTA
48



FIESTA
46



ALGEO
49



VITTO VERDELINE
57



RITTO
63



VASTO
67



BASIC
79



RETRO NEW
82



RETRO
84



STANDARD
86

BLACK



VITTO VERDELINE
59



RITTO
65

GUN METAL



VITTO VERDELINE
62

OLD BRONZE



ANTICA
81

List of functions

In addition to the necessary functions to facilitate daily use, guarantee comfort and safety, Ferro bathroom mixers are also equipped with innovative solutions that enable users to save water and reduce household expenses.

BATHROOM FITTINGS								
Page number	**Series name**	Eco	Ferro AirMix	Ferro Eco Save	Rotational spout	Easy Clean	Pull-out shower handle	Click-clack
30	Adore						●	●
32	Stratos							●
36	Zicco				●			●
39	Alba Verdeline	●	●	●		●		●
40	Tiga Verdeline	●	●	●	●	●		●
42	Algeo Square				●		●	●
46	Fiesta				●			●
49	Algeo				●		●	
57	Vitto Verdeline	●	●	●		●		●
63	Ritto				●			
67	Vasto				●			
70	Stillo				●			
71	Smile				●			
73	Ferro One				●			●
76	Savio				●			
77	Isso				●			
79	Basic				●			
81	Antica				●			
82	Retro New				●			
84	Retro				●			
86	Standard				●			

Colour combinations

The attractive appearance of mixers and showers is influenced by interesting shapes and aesthetically appealing surfaces. Elegant chrome, fashionable black or a combination of both colours will highlight the unique character of the bathroom.

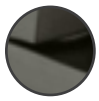
Ferro mixer surfaces not only fulfil decorative functions but also **perfectly protect mixers and showers from harmful external factors.**

BATHROOM FITTINGS







Page number	**Series name**	chrome	black-chrome	black	white-chrome	old bronze	gold	bright gold	gun metal
30	Adore		●		●				
32	Stratos	●		●					
36	Zicco	●		●					
39	Alba Verdeline	●							
40	Tiga Verdeline	●							
42	Algeo Square	●	●						
46	Fiesta	●						●	
49	Algeo	●		●					
57	Vitto Verdeline	●		●			●		●
63	Ritto	●		●					
67	Vasto	●							
70	Stillo	●							
71	Smile	●							
73	Ferro One	●							
76	Savio	●							
77	Isso	●							
79	Basic	●							
81	Antica					●			
82	Retro New	●							
84	Retro	●							
86	Standard	●							

Chrome
Glossy chrome coating is a universal choice, fits perfectly any colour and style of arrangement.

Black-chrome
Chrome-broken black looks great in elegant bathing salons.

Black
Fashionable black underlines the friendly ambience of the bathroom interior, making it a unique place of care and relaxation.

White-chrome
This beautiful combination of bright colours brightens up the interior, which is very important especially in small bathrooms.

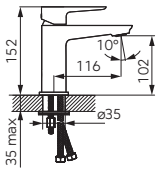
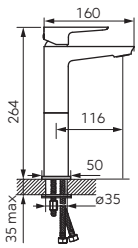
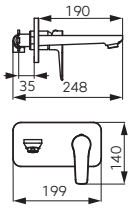
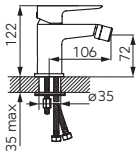
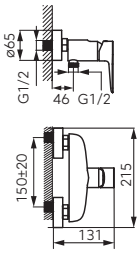
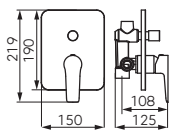
Old bronze
Durable coating, looks like old bronze.

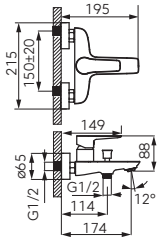
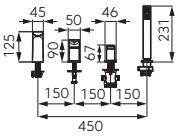
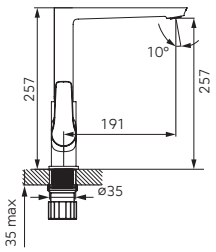
Gold
Durable PVD coating in gold colour.

Bright gold
Durable PVD coating in bright gold colour.

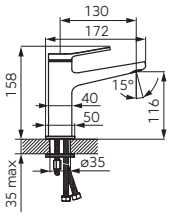
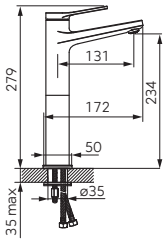
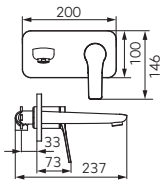
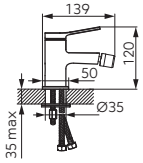
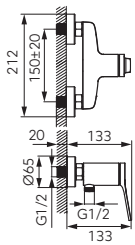
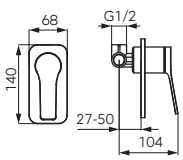
Gun metal
An elegant combination of steel and black shade that brings out the depth of grey from black.

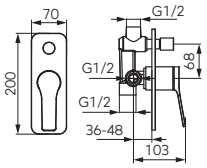
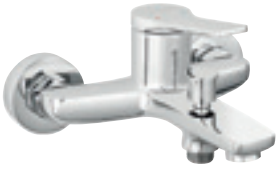
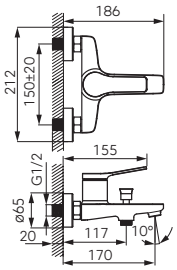
ADORE

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack metal drain plug • M24x1 aerator • G3/8 - M10x1 flexible connections	white-chrome	**BDR2**	**69,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	white-chrome	**BDR2L**	**89,99**
		**Built-in washbasin mixer** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 190 mm spout with M24x1 aerator	white-chrome	**BDR3PA**	**99,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	white-chrome	**BDR6**	**74,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	white-chrome	**BDR7**	**69,99**
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	white-chrome	**BDR7P**	**79,99**

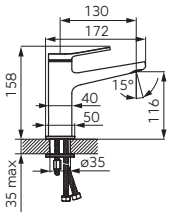
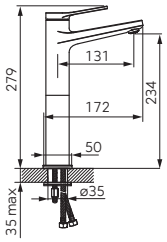
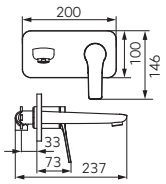
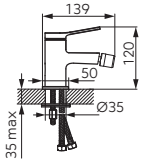
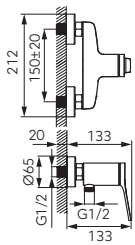
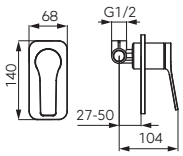
		Description	Colour	Index	EUR
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 aerator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	white-chrome	**BDR1**	**89,99**
		**Multiple-hole bath mixer** • ceramic cartridge • ceramic bath/shower switch • pull-out shower handle • spout with M24x1 aerator • flexible connectors included • standing assembly	white-chrome	**BDR11A**	**199,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • swivel spout • flexible connections G3/8 - M10x1	white-chrome	**BDR4**	**99,99**

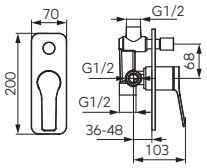
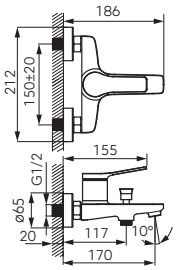
STRATOS

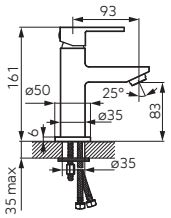
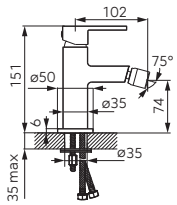
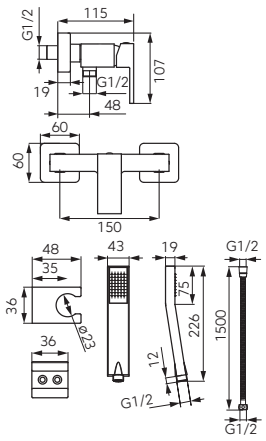
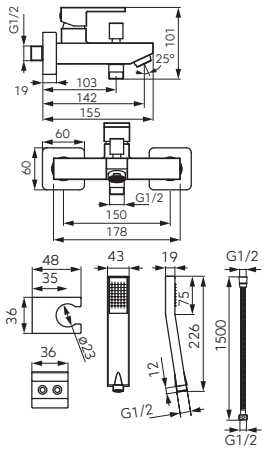
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack metal drain plug • M24x1 aerator • G3/8 - M10x1 flexible connections	chrome	**BSC2**	**69,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	chrome	**BSC2L**	**84,99**
		**Built-in washbasin mixer** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 aerator	chrome	**BSC3PA**	**109,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BSC6**	**74,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BSC7**	**64,99**
		**Build-in shower mixer** • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection	chrome	**BSC7PA**	**69,99**

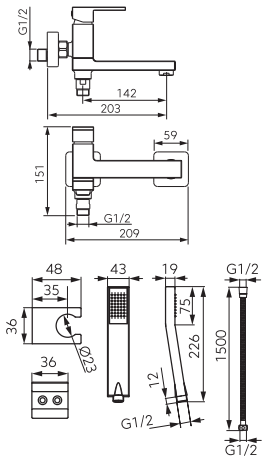
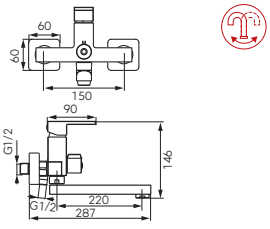
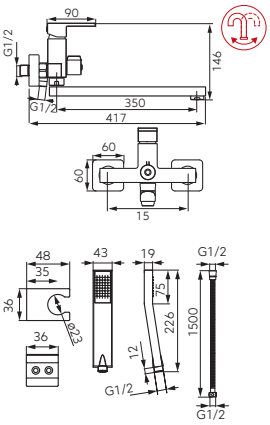
	Description	Colour	Index	EUR
 	**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BSC7P**	**99,99**
 	**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 aerator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BSC1**	**79,99**

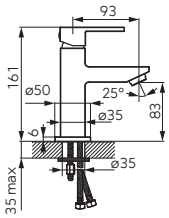
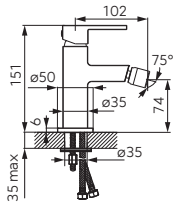
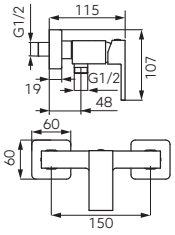
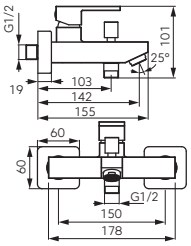
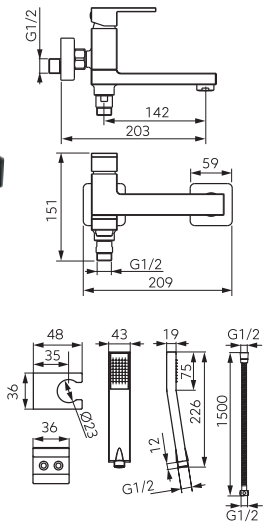
STRATOS

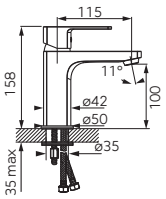
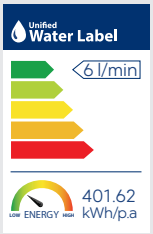
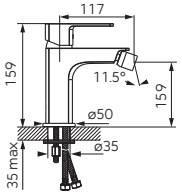
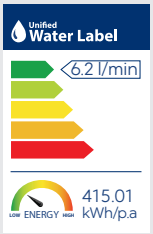
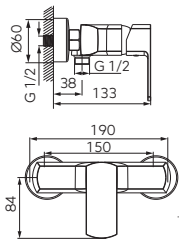
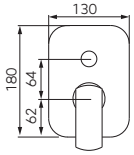
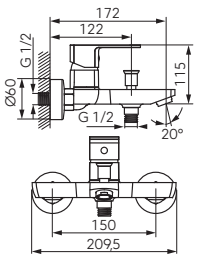
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	black	**BSC2BL**	**74,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	black	**BSC2LBL**	**99,99**
		**Built-in washbasin mixer** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 aerator	black	**BSC3PABL**	**129,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	black	**BSC6BL**	**84,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	black	**BSC7BL**	**74,99**
		**Build-in shower mixer** • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection	black	**BSC7PABL**	**79,99**

	Description	Colour	Index	EUR
 	**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	black	**BSC7PBL**	**109,99**
 	**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 aerator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	**BSC1BL**	**99,99**

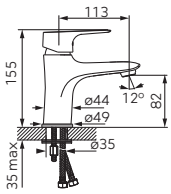
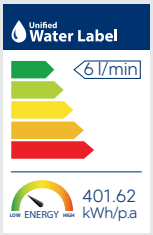
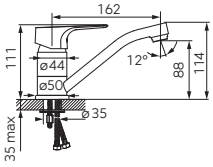
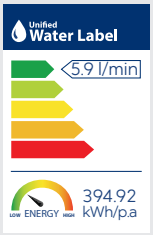
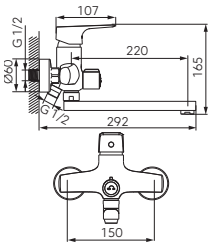
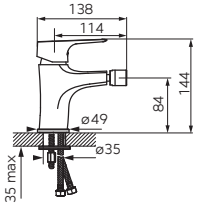
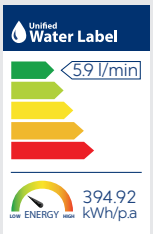
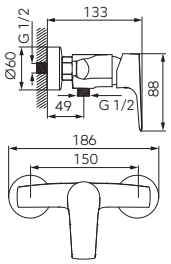
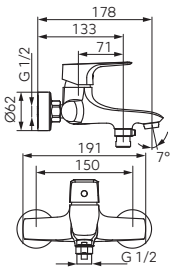
	Description	Colour	Index	EUR
 	**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BZI2**	**44,99**
 	**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BZI6**	**49,99**
 	**Wall-mounted shower mixer** • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BZI77**	**54,99**
 	**Wall-mounted bath mixer** • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BZI11**	**69,99**

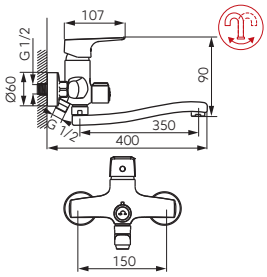
		Description	Colour	Index	EUR
		**Zicco** **wall-mounted bath mixer** **with a switch in the spout** • with spot shower • foldable spout which at the same time serves as a shower switch • ceramic cartridge • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BZI11R**	**109,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • M24x1 flow regulator • ceramic sink/shower switch • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BZI3A**	**69,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • M24x1 flow regulator • ceramic sink/shower switch • 350 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BZI55A**	**79,99**

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	black	**BZI2BL**	**54,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	black	**BZI6BL**	**59,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	black	**BZI7BL**	**54,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	**BZI1BL**	**79,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • foldable spout which at the same time serves as a shower switch • ceramic cartridge • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	black	**BZI11RBL**	**129,99**

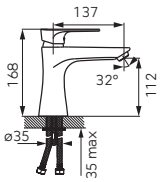
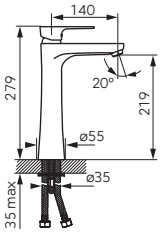
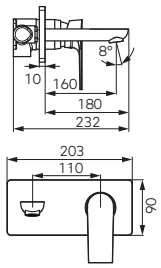
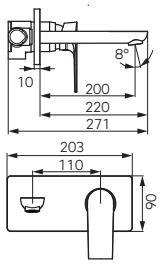
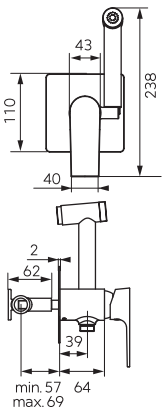
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BLB2VL** 	**49,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BLB6VL** 	**54,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • water flow limiter • shower set not included	chrome	**BLB7VL**	**39,99**
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output • water flow limiter	chrome	**BLB7PVL**	**49,99**
		**Wall-mounted bath mixer** • ceramic cartridge • bath/shower switch • M24x1 flow regulator • flow limiter for the shower output • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BLB1VL**	**59,99**

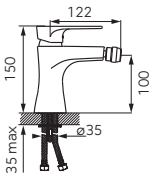
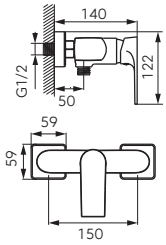
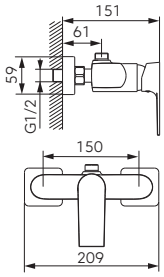
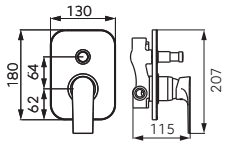
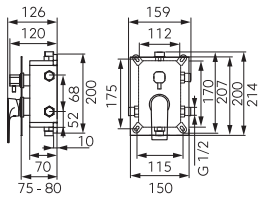
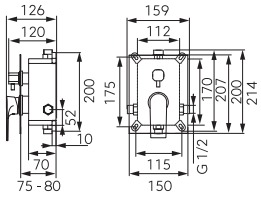
TIGA VERDELINE

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BTG2VL** 	**49,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BTG2AVL** 	**39,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 220 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BTG3A**	**79,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BTG6VL** 	**59,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection, • spacing 150 ± 20 mm • G1/2 shower connection • water flow limiter • shower set not included	chrome	**BTG7VL**	**59,99**
		**Wall-mounted bath mixer** • ceramic cartridge • ceramic bath/shower switch • M24x1 flow regulator • flow limiter for the shower output • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BTG1VL**	**79,99**

	Description	Colour	Index	EUR
 	**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 350 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BTG5A**	**79,99**

ALGEO SQUARE

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAQ2**	**44,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAQ2L**	**89,99**
		**Built-in washbasin mixer, 18 cm spout** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 flow regulator	chrome	**BAQ3PA18**	**99,99**
		**Built-in washbasin mixer, 22 cm spout** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 220 mm spout with M24x1 flow regulator	chrome	**BAQ3PA22**	**109,99**
		**Built-in bidet mixer** • ceramic cartridge • brass bidet handle with AUTO- STOP system • SILVER PVC shower hose 150 cm • G1/2 shower hose connection • a set of concealed and surface mounted components	chrome	**BAQ66P**	**94,99**

		Description	Colour	Index	EUR
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BAQ6**	**49,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAQ7**	**49,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection - upper fitting • shower set not included	chrome	**BAQ7U**	**49,99**
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAQ7P**	**49,99**
		**Build-in shower mixer - box kit** • 3-function • a set of concealed and surface mounted components • metal plate cover • adjustable mounting depth • wall-mounting • 3-function ceramic switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAQ7P3BOX**	**129,99**
		**Build-in shower mixer - box kit** • 2-function • a set of concealed and surface mounted components • metal plate cover • adjustable mounting depth • wall-mounting • 2-function ceramic switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAQ7P2BOX**	**119,99**

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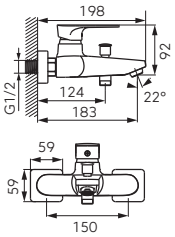
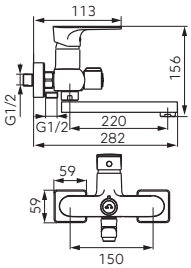
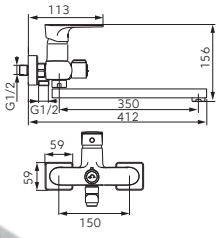
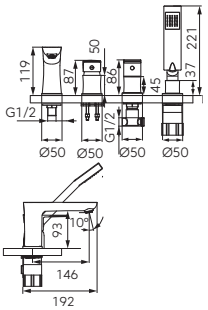
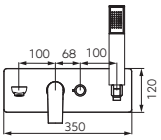
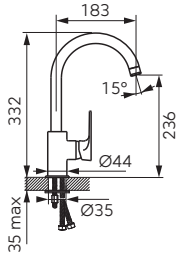
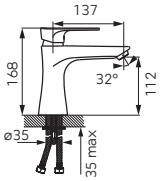
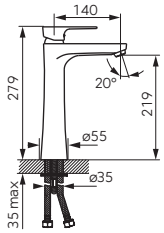
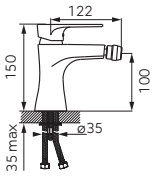
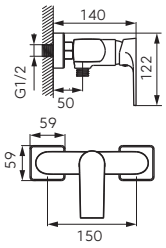
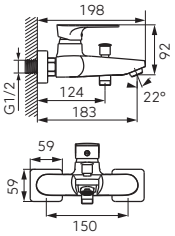
		Description	Colour	Index	EUR
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BAQ1**	**64,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • 220 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAQ3A**	**74,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic bath/shower switch • M24x1 flow regulator • 350 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAQ5A**	**79,99**
		**Multiple-hole bath mixer** • ceramic cartridge • ceramic bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included • standing assembly	chrome	**BAQ11A**	**149,99**
		**Built-in bath mixer** • with spot shower • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • ceramic bath/shower switch • 190 mm spout with M24x1 flow regulator	chrome	**BAQ11P**	**169,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAQ4**	**49,99**

	Description	Colour	Index	EUR
 	**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	black-chrome	**BAQ2BLC**	**49,99**
 	**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	black-chrome	**BAQ2LBLC**	**94,99**
 	**Bidet standing mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	black-chrome	**BAQ6BLC**	**54,99**
 	**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	black-chrome	**BAQ7BLC**	**54,99**
 	**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black-chrome	**BAQ1BLC**	**74,99**

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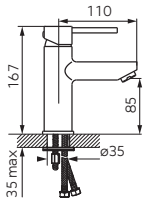
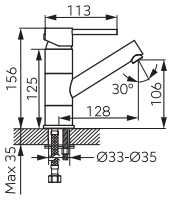
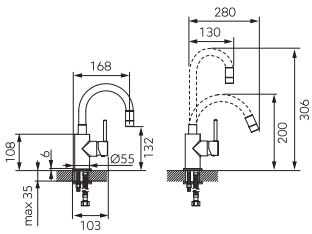
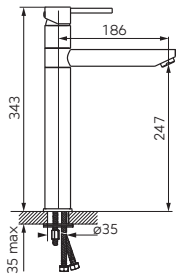
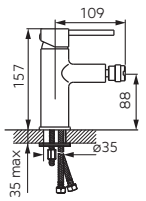
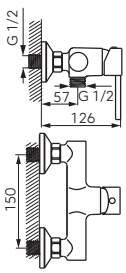
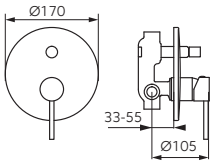
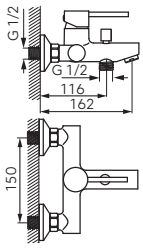
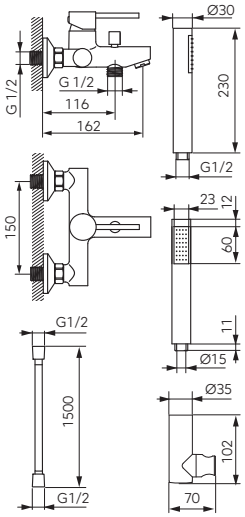
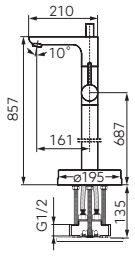
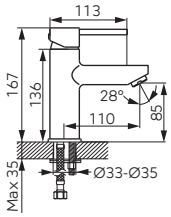
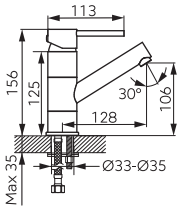
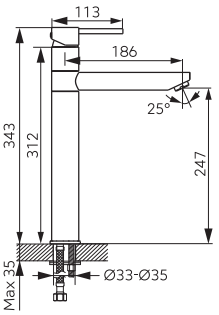
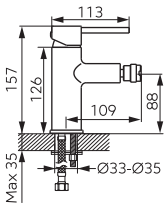
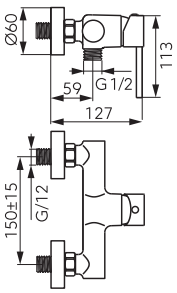
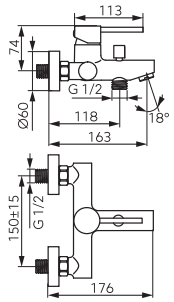
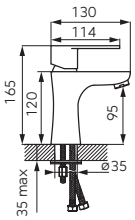
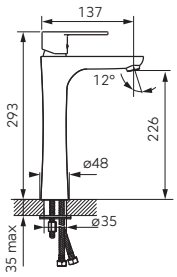
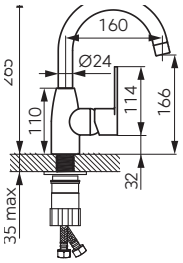
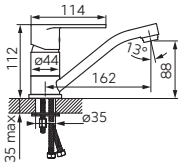
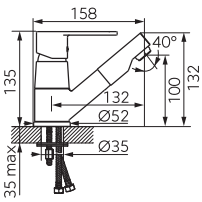
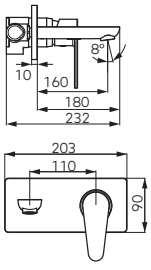
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BFI2**	**49,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BFI2A**	**54,99**
		**Standing washbasin mixer with flexible spout** • ceramic cartridge • M22x1 flow regulator • single hole assembly • flexible connections G3/8 – M10x1 • possibility to freely shape the spout	chrome	**BFI2FB**	**44,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BFI2L**	**79,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BFI6**	**44,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BFI7**	**44,99**

		Description	Colour	Index	EUR
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BFI7P**	**49,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BFI1**	**54,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFI11**	**69,99**
		**Freestanding bath mixer** • ceramic cartridge • automatic bath/shower switch • M28x1 flow regulator • 1F metal shower handle • 150 cm metal braided shower hose • underfloor 1/2" connection set Included	chrome	**BFI11F**	**349,99**

FIESTA

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 gold metal click-clack • M24x1 flow regulator • G3/8 - M10x1 flexible connections	bright gold	**BFI2G**	**74,99**
		**Standing washbasin mixer with swivel spout** • swivel spout • ceramic cartridge • single hole assembly • M18x1 flow regulator • G3/8 - M10x1 flexible connections	bright gold	**BFI2AG**	**69,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	bright gold	**BFI2LG**	**99,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic gold metal drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	bright gold	**BFI6G**	**69,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included For the mixer, we recommend shower set in gold color, N365G sliding set or U365G spot set	bright gold	**BFI7G**	**54,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M28x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included For the mixer, we recommend shower set in gold color, N365G sliding set or U365G spot set	bright gold	**BFI1G**	**69,99**

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAG2**	**36,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAG2L**	**79,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BAG2A**	**49,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BAG2AA**	**34,99**
		**Washbasin mixer with pull-out spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • pull-out brass spray handle • G3/8 - M10x1 flexible connections	chrome	**BAG2APO**	**54,99**
		**Built-in washbasin mixer, 18 cm spout** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 flow regulator	chrome	**BAG3PA18**	**99,99**

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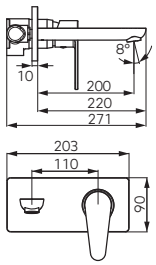
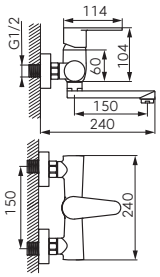
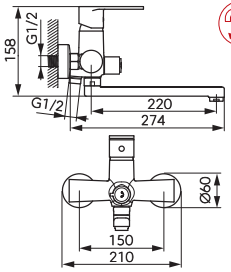
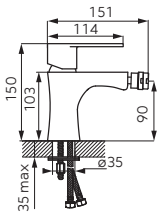
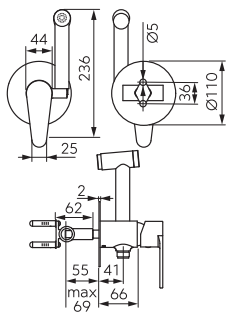
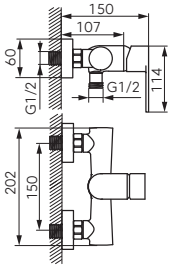
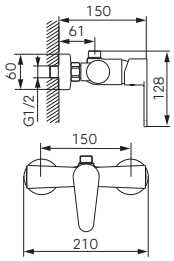
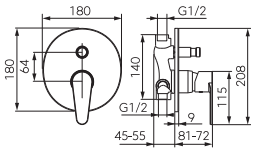
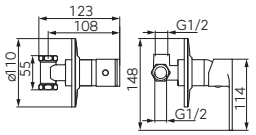
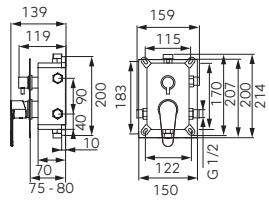
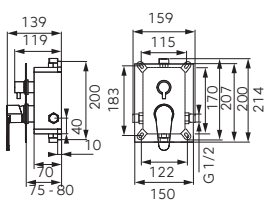
		Description	Colour	Index	EUR
		**Built-in washbasin mixer, 22 cm spout** • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 220 mm spout with M24x1 flow regulator	chrome	**BAG3PA22**	**109,99**
		**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAG3**	**49,99**
		**Wall-mounted bath tub mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 222 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAG3A**	**64,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BAG6**	**39,99**
		**Built-in bidet mixer** • ceramic cartridge • brass bidet handle with AUTO- STOP system • 150 cm metal braided shower hose • G1/2 shower hose connection • a set of concealed and surface mounted components	chrome	**BAG66P**	**89,99**

		Description	Colour	Index	EUR
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAG7**	**44,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection - upper fitting • shower set not included	chrome	**BAG7U**	**49,99**
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAG7P**	**49,99**
		**Build-in shower mixer** • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection	chrome	**BAG7PA**	**29,99**
		**Build-in shower mixer - box kit** • 3-function • a set of concealed and surface mounted components • metal plate cover • adjustable mounting depth • wall-mounting • 3-function ceramic switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAG7P3BOX**	**129,99**
		**Build-in shower mixer - box kit** • 2-function • a set of concealed and surface mounted components • metal plate cover • adjustable mounting depth • wall-mounting • 2-function ceramic switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BAG7P2BOX**	**114,99**

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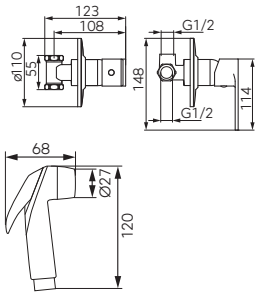
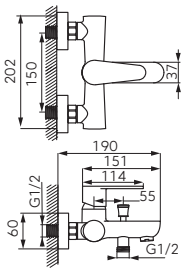
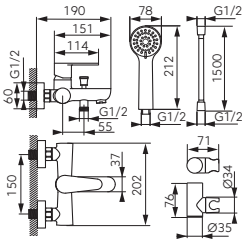
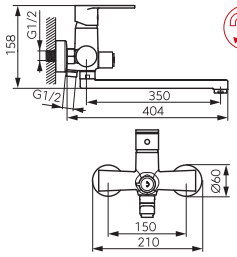
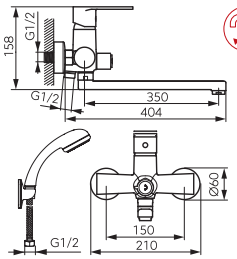
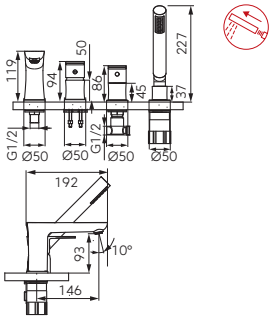
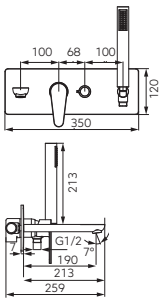
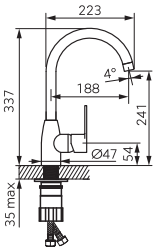
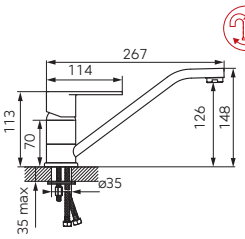
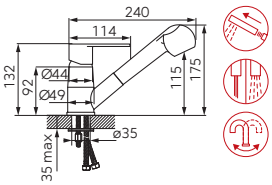
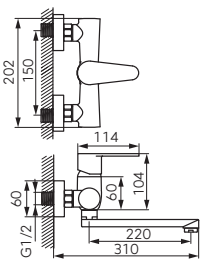
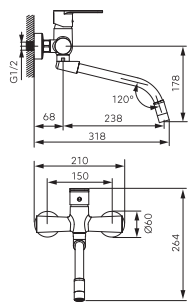
		Description	Colour	Index	EUR
		**Build-in shower mixer with higienic shower set** • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • shower handle with AUTO- STOP system • 125 cm shower hose in brass braid • single-point handle holder	chrome	**BAG7PA-SET1**	**49,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BAG1**	**54,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAG11**	**69,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 352 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAG5A**	**64,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 352 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BAG55A**	**69,99**
		**Standing multi-hole bath mixer** • ceramic cartridge • ceramic bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included: • standing assembly	chrome	**BAG11A**	**159,99**

		Description	Colour	Index	EUR
		**Built-in bath mixer** • with spot shower • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • ceramic bath/shower switch • ceramic cartridge • 190 mm spout with M24x1 flow regulator	chrome	**BAG11P**	**159,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAG4**	**44,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAG4A**	**36,99**
		**Standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	chrome	**BAG8**	**49,99**
		**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAG5**	**49,99**
		**Wall-mounted sink mixer with flexible spout** • ceramic cartridge • wall-mounting • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • possibility to freely shape the spout • black spout	chrome	**BAG5FB** Product available while stocks last.	**62,99**

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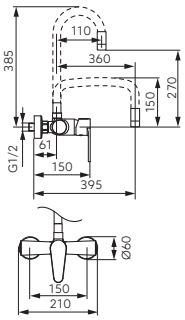
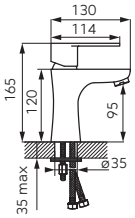
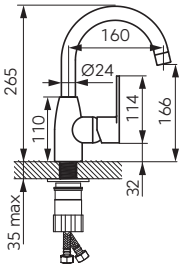
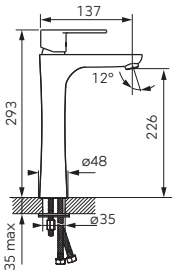
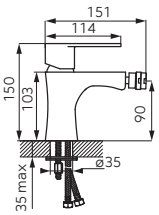
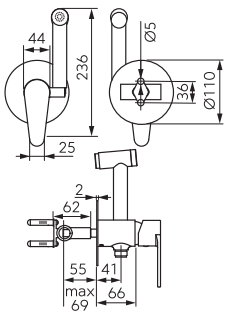
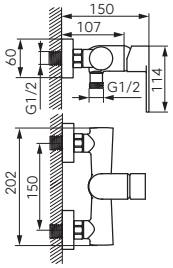
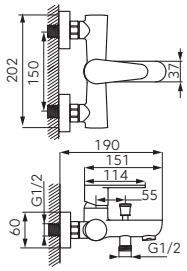
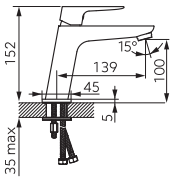
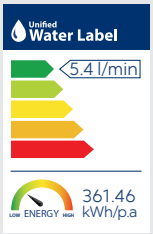
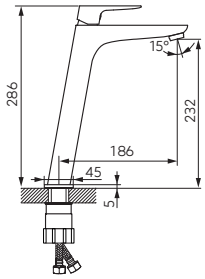
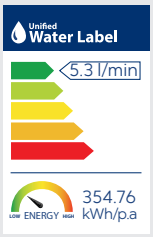
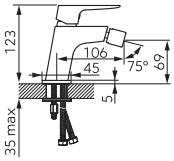
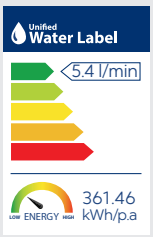
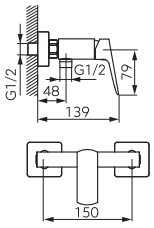
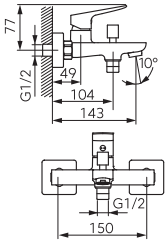
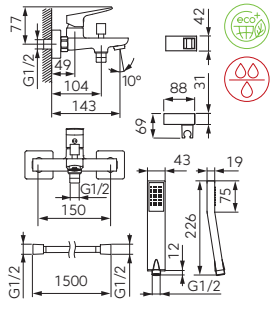
		Description	Colour	Index	EUR
		**Wall-mounted sink mixer with flexible spout** • ceramic cartridge • M22x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • wall-mounting • possibility to freely shape the spout • spout color: black	chrome	BAG5UFB NEW	59,99

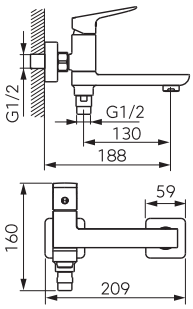
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	black	**BAG2BL**	**39,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	black	**BAG2ABL**	**49,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	black	**BAG2LBL**	**84,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	black	**BAG6BL**	**44,99**
		**Build-in bidet mixer** • ceramic cartridge • brass shower handle with AUTO- STOP system • PVC shower hose 150 cm • G1/2 hose connection • a set of concealed and surface mounted components	black	**BAG66PBL** **NEW**	**89,99**

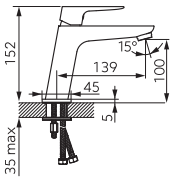
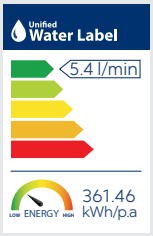
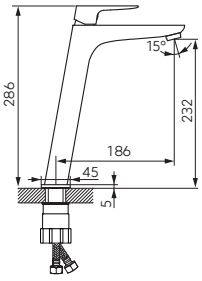
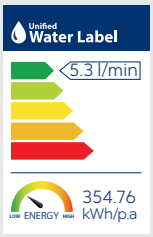
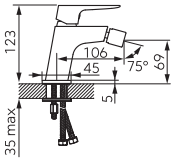
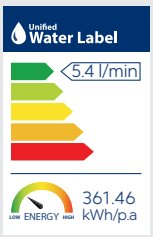
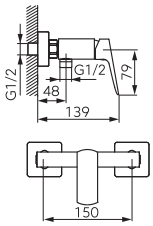
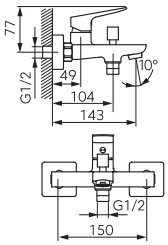
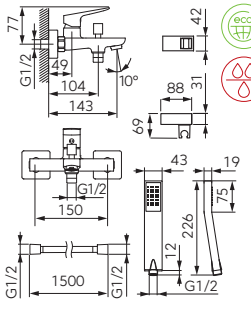
ALGEO

		Description	Colour	Index	EUR
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	black	**BAG7BL**	**46,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	**BAG1BL**	**69,99**

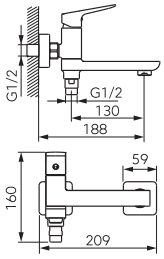
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BVI2VL** 	**49,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M8x1 flexible connections	chrome	**BVI2LVL** 	**89,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	chrome	**BVI6VL** 	**54,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • built-in flow limiter • shower set not included	chrome	**BVI7VL**	**54,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BVI1VL**	**59,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVI11VL**	**69,99**

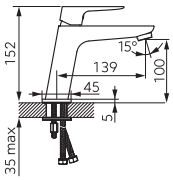
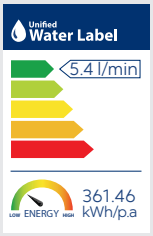
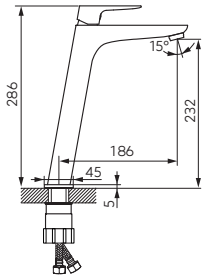
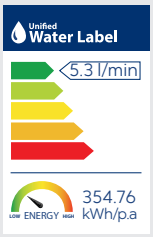
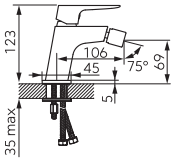
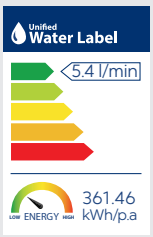
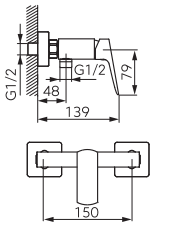
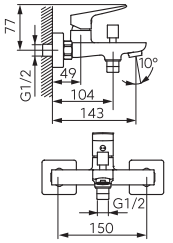
VITTO VERDELINE

		Description	Colour	Index	EUR
		**Wall-mounted bath mixer with a switch in the spout** • foldable spout which at the same time serves as a shower switch • ceramic cartridge • integrated flow limiter for the shower outlet • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BVI1RVL**	**89,99**

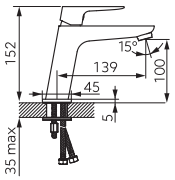
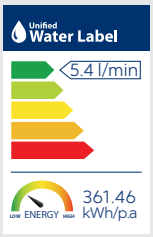
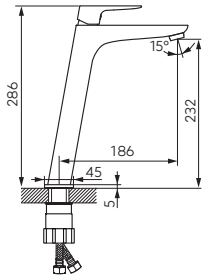
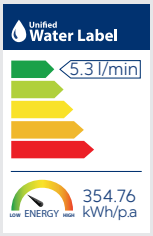
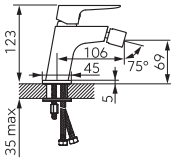
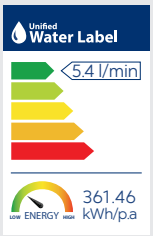
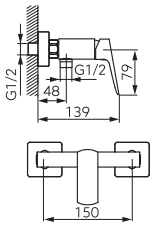
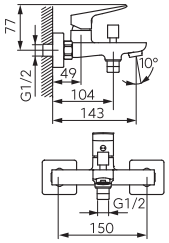
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	black	**BVI2VLBL** 	**59,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M8x1 flexible connections	black	**BVI2LVLBL** 	**99,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	black	**BVI6VLBL** 	**59,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • built-in flow limiter • shower set not included	black	**BVI7VLBL**	**59,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	**BVI1VLBL**	**69,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm	black	**BVI11VLBL**	**79,99**

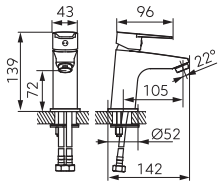
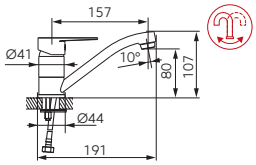
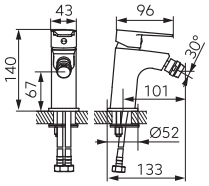
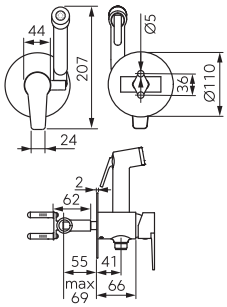
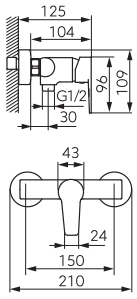
VITTO VERDELINE

		Description	Colour	Index	EUR
		**Wall-mounted bath mixer with a switch in the spout** • foldable spout which at the same time serves as a shower switch • ceramic cartridge • integrated flow limiter for the shower outlet • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	BVI1RVLBL	109,99

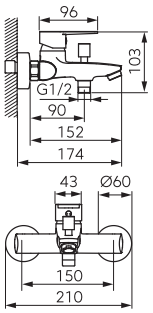
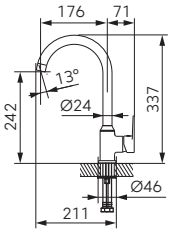
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	gold	**BVI2VLG** 	**61,99**
		**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M8x1 flexible connections	gold	**BVI2LVLG** 	**119,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	gold	**BVI6VLG** 	**69,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • built-in flow limiter • shower set not included For the mixer, we recommend U155G spot shower set in gold colour	gold	**BVI7VLG**	**59,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included For the mixer, we recommend U155G spot shower set in gold colour	gold	**BVI1VLG**	**79,99**

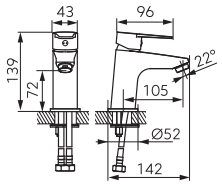
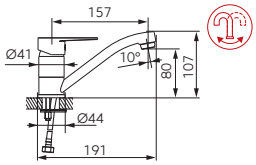
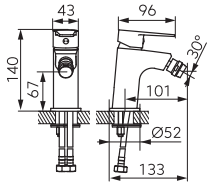
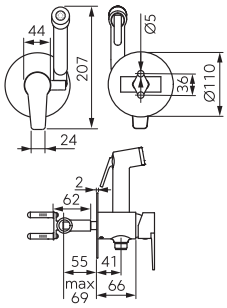
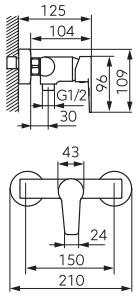
VITTO VERDELINE

			Description	Colour	Index	EUR
			**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	gun metal	**BVI2VLGM** **NEW** 	**69,99**
			**Standing counter washbasin mixer** • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M8x1 flexible connections	gun metal	**BVI2LVLGM** **NEW** 	**129,99**
			**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • FerroAirMix M22x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections	gun metal	**BVI6VLGM** **NEW** 	**74,99**
			**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • built-in flow limiter • shower set not included	gun metal	**BVI7VLGM** **NEW**	**69,99**
			**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • built-in flow limiter for shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	gun metal	**BVI1VLGM** **NEW**	**79,99**

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	chrome	**BTR2**	**33,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BTR2A**	**22,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BTR6**	**36,99**
		**Build-in bidet mixer** • ceramic cartridge • brass shower handle with AUTO- STOP system • 150 cm shower hose in metal braid • G1/2 hose connection • a set of concealed and surface mounted components	chrome	**BTR66P** **NEW**	**69,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BTR7**	**34,99**

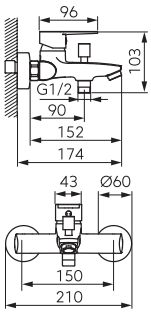
RITTO

		Description	Colour	Index	EUR
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 areator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BTR1**	**44,99**
		**Standing kitchen mixer** • ceramic cartridge • single hole assembly • M24x1 areator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BTR4**	**39,99**

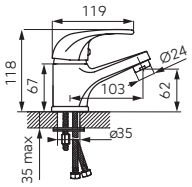
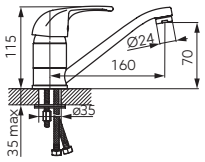
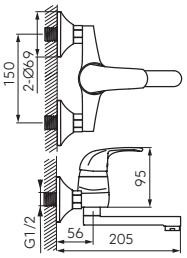
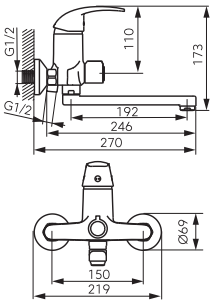
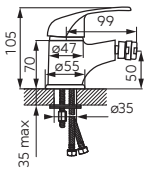
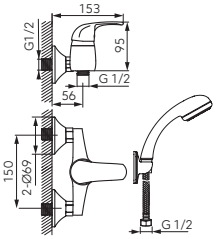
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	black	**BTR2BL**	**39,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	black	**BTR2ABL**	**24,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections	black	**BTR6BL**	**39,99**
		**Build-in bidet mixer** • ceramic cartridge • brass shower handle with AUTO- STOP system • PVC shower hose 150 cm • G1/2 hose connection • a set of concealed and surface mounted components	black	**BTR66P** **NEW**	**69,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	black	**BTR7BL**	**36,99**

RITTO

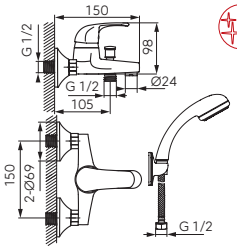
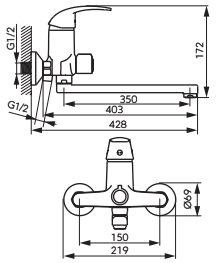
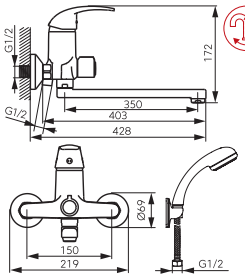
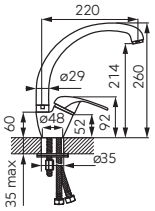
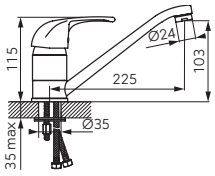
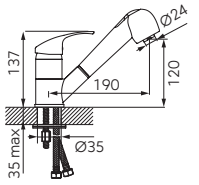


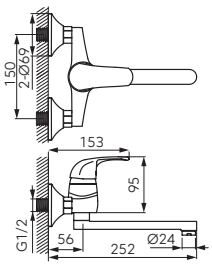


Description	Colour	Index	EUR
Wall-mounted bath mixer • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 areator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	black	**BTR1BL**	**49,99**

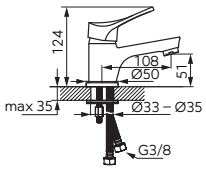
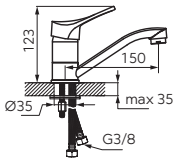
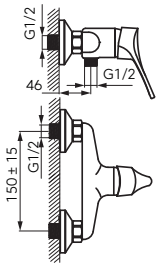
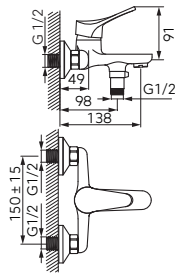
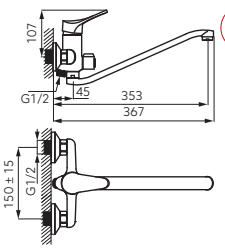
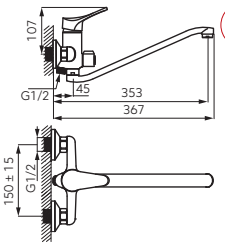
	Description	Colour	Index	EUR
 	**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BVA2**	**24,99**
 	**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BVA2A**	**24,99**
 	**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVA3**	**34,99**
 	**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 220 mm • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BVA3A**	**49,99**
 	**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BVA6**	**34,99**
 	**Wall-mounted shower mixer** • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BVA77**	**39,99**

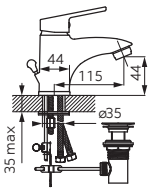
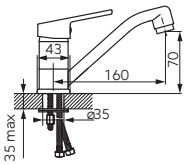
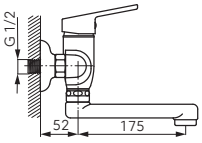
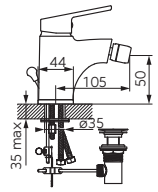
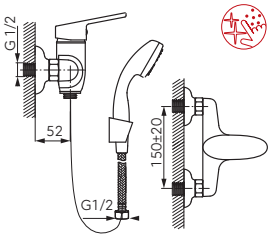
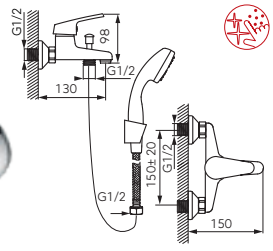
VASTO

		Description	Colour	Index	EUR
		**Wall-mounted bath mixer** • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVA11**	**49,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 350 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BVA5A**	**49,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 350 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BVA55A**	**59,99**
		**Asymmetric standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BVA4A**	**32,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BVA4**	**26,99**
		**Standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	chrome	**BVA8**	**46,99**

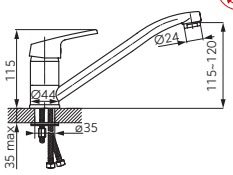
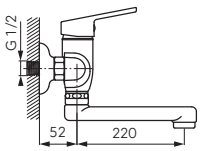
	Description	Colour	Index	EUR
 	**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVA5**	**34,99**

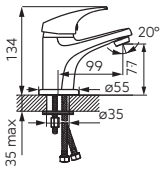
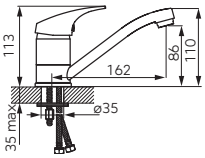
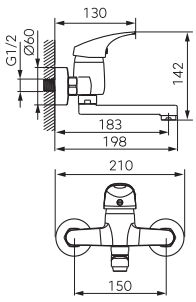
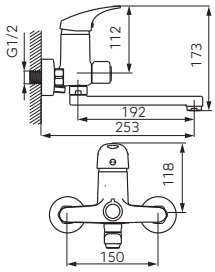
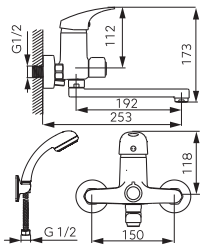
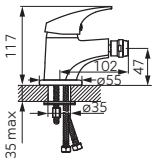
STILLO

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BSL2**	**29,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BSL2A**	**29,99**
		**Wall-mounted shower mixer** • ceramic cartridge • G1/2 eccentric connection spacing 150 ± 15 mm • G1/2 shower connection • shower set not included	chrome	**BSL7**	**24,99**
		**Wall-mounted bath mixer** • ceramic cartridge • ceramic bath/shower switch with check valve • M24x1 flow regulator • G1/2 eccentric connection • spacing 150 ± 15 mm • G1/2 shower connection • shower set not included	chrome	**BSL1**	**49,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 353 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BSL5A**	**49,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • ceramic sink/shower switch • M24x1 flow regulator • swivel spout 353 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BSL55A**	**59,99**

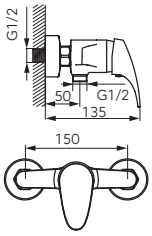
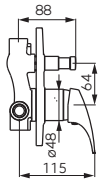
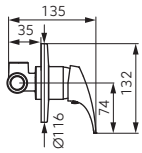
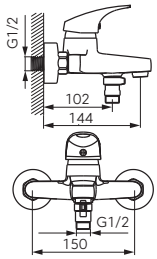
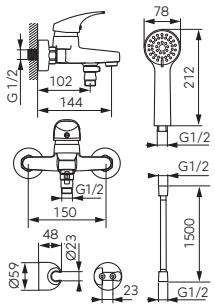
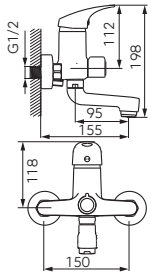
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BSM2**	**21,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BSM2A**	**21,99**
		**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BSM3**	**29,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BSM6**	**24,99**
		**Wall-mounted shower mixer** • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BSM77**	**29,99**
		**Wall-mounted bath mixer** • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BSM11**	**39,99**

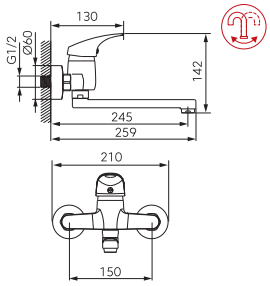
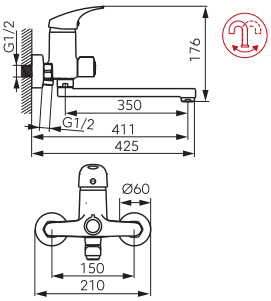
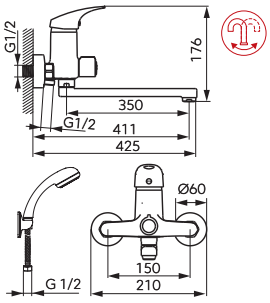
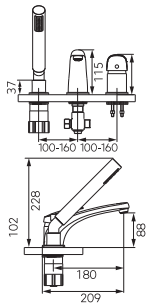
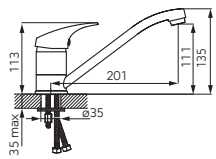
SMILE

	Description	Colour	Index	EUR
 	**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BSM4**	**21,99**
 	**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BSM5**	**31,99**

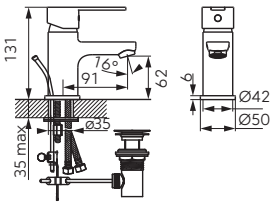
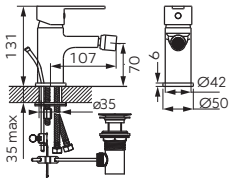
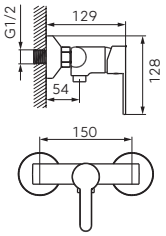
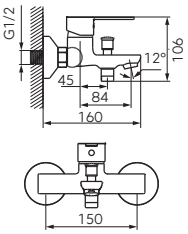
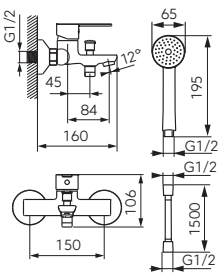
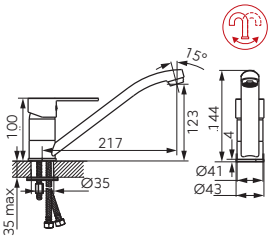
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BFO2**	**29,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BFO2A**	**24,99**
		**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 158 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO3**	**39,99**
		**Wall-mounted bath tub mixer with shower connection** • ceramic cartridge • ceramic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 192 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BFO3A**	**54,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • ceramic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 192 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BFO33A**	**62,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BFO6**	**39,99**

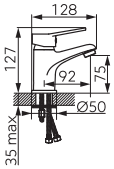
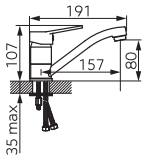
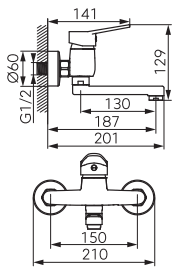
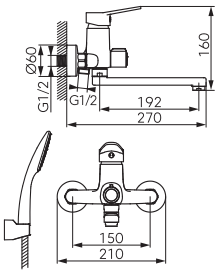
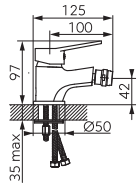
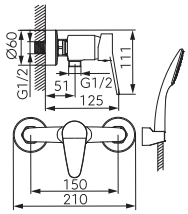
FERRO ONE

		Description	Colour	Index	EUR
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BFO7**	**34,99**
		**Build-in shower mixer** • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output	chrome	**BFO7P**	**54,99**
		**Build-in shower mixer** • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection	chrome	**BFO7PA**	**29,99**
		**Wall-mounted bath mixer** • ceramic cartridge • ceramic bath/shower switch witch check valve • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BFO1**	**54,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • ceramic bath/shower switch with check valve • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO11B**	**59,99**
		**Wall-mounted bath mixer** • ceramic cartridge • wall-mounting • ceramic bath/shower switch • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BFO1A**	**69,99**

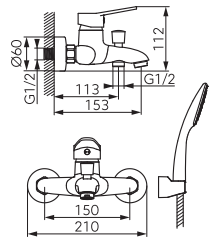
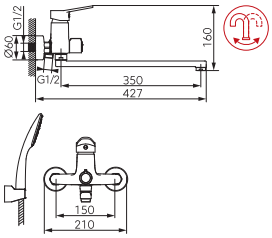
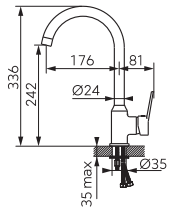
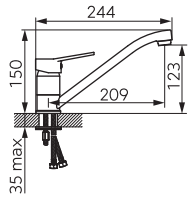
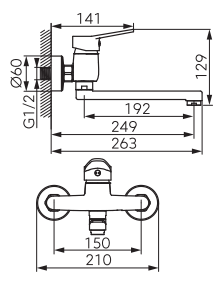
		Description	Colour	Index	EUR
		**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 217 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO5**	**39,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • ceramic cartridge • ceramic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 322 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BFO5A**	**54,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • ceramic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 322 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BFO55A**	**62,99**
		**Multiple-hole bath mixer** • ceramic cartridge • bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included • standing assembly	chrome	**BFO11AA**	**129,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BFO4**	**26,99**

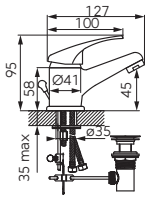
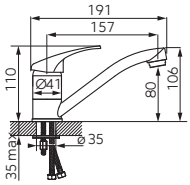
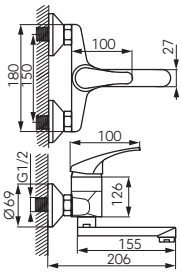
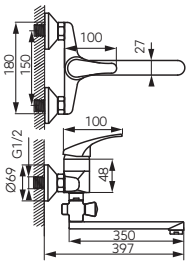
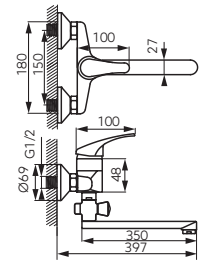
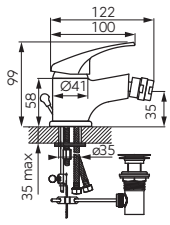
SAVIO

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BSV2**	**29,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 areator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BSV6**	**33,99**
		**Wall-mounted shower mixer** • ceramic cartridge • wall-mounting • G1/2 eccentric connection • spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BSV7**	**34,99**
		**Wall-mounted bath mixer** • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included	chrome	**BSV1**	**39,99**
		**Wall-mounted bath mixer with a switch in the spout** • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BSV11**	**46,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BSV4**	**26,99**

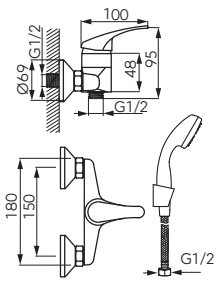
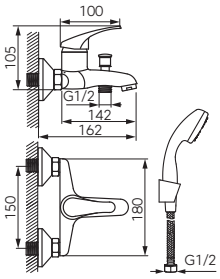
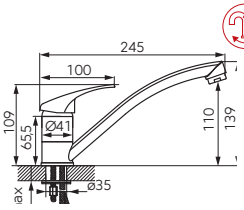
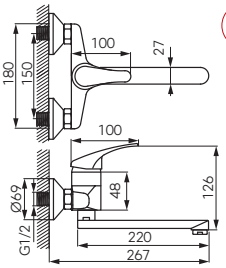
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BIS2**	**24,99**
		**Standing washbasin mixer with swivel spout** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BIS2A**	**22,99**
		**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 130 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BIS3**	**32,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • M24x1 flow regulator • ceramic sink/shower switch • 192 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BIS33A**	**54,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BIS6**	**26,99**
		**Wall-mounted shower mixer** • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BIS77**	**34,99**

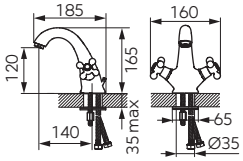
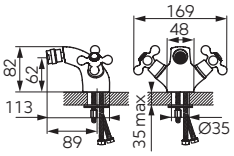
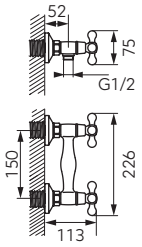
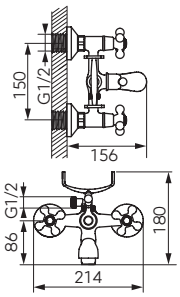
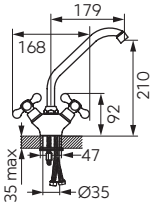
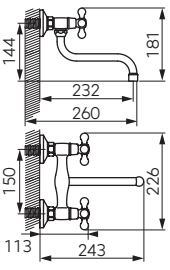
ISSO

		Description	Colour	Index	EUR
		**Wall-mounted bath mixer** • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BIS11**	**44,99**
		**Wall-mounted bathtub/wasbasin mixer with shower connection** • with spot shower set • ceramic cartridge • wall-mounting • M24x1 flow regulator • ceramic sink/shower switch • 350 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BIS55A**	**59,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BIS4**	**39,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BIS4A**	**22,99**
		**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 192 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BIS5**	**34,99**

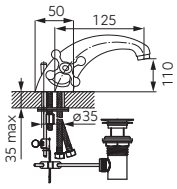
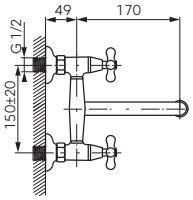
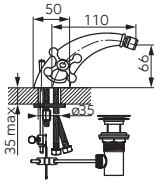
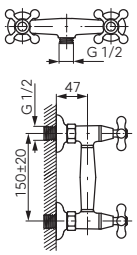
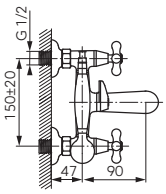
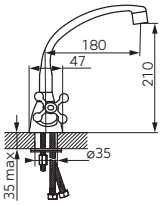
		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BBC2**	**18,99**
		**Standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BBC2A**	**19,99**
		**Wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BBC3**	**25,99**
		**Wall-mounted bathtub/washbasin mixer with shower connection** • ceramic cartridge • automatic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 350 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BBC5A**	**44,99**
		**Wall-mounted bathtub/washbasin mixer with shower connection** • with spot shower set • ceramic cartridge • automatic sink/shower switch • wall-mounting • M24x1 flow regulator • swivel spout 350 mm • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BBC55A**	**49,99**
		**Bidet standing mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**BBC6**	**21,99**

BASIC

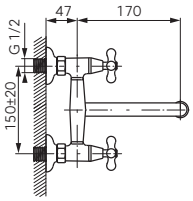
		Description	Colour	Index	EUR
		**Wall-mounted shower mixer** • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BBC77**	**25,99**
		**Wall-mounted bath mixer** • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BBC11**	**36,99**
		**Standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BBC4**	**19,99**
		**Wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BBC5**	**25,99**

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • ceramic heads • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	old bronze	**BAI2BR**	**64,99**
		**Bidet standing mixer** • ceramic heads • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	old bronze	**BAI6BR**	**59,99**
		**Wall-mounted shower mixer** • ceramic heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	old bronze	**BAI7BR**	**59,99**
		**Wall-mounted bath mixer** • with shower • ceramic heads • brass shower handle • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm	old bronze	**BAI11BR**	**99,99**
		**Standing sink mixer** • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	old bronze	**BAI4BR**	**59,99**
		**Wall-mounted sink mixer** • ceramic heads • wall-mounting • M22x1 flow regulator • 200 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	old bronze	**BAI5BR**	**64,99**

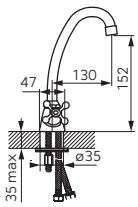
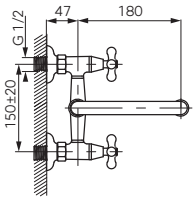
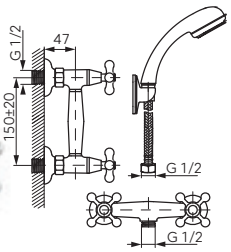
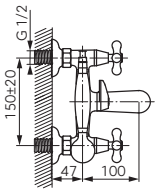
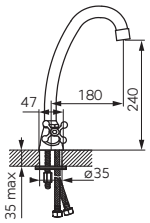
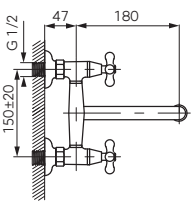
RETRO NEW

	Description	Colour	Index	EUR
 	**Standing washbasin mixer** • ceramic heads • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**XD2**	**54,99**
 	**Wall-mounted washbasin mixer** • ceramic heads • wall-mounting • M22x1 flow regulator • swivel spout 160 mm • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XD3**	**34,99**
 	**Bidet standing mixer** • ceramic heads • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections	chrome	**XD6**	**59,99**
 	**Wall-mounted shower mixer** • ceramic heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**XD7**	**49,99**
 	**Wall-mounted bath mixer** • with shower • ceramic heads • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XD11**	**79,99**
 	**Standing sink mixer** • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	chrome	**XD4**	**44,99**

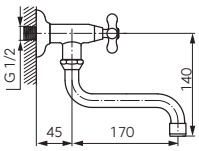




Description	Colour	Index	EUR
Wall-mounted sink mixer • ceramic heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	XD5	36,99

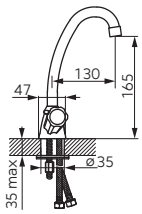
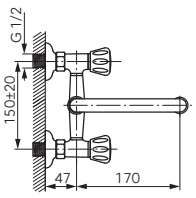
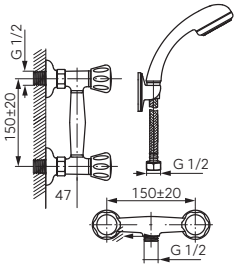
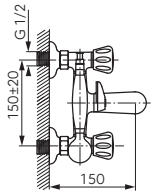
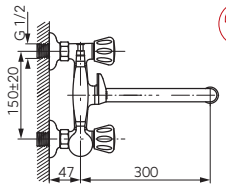
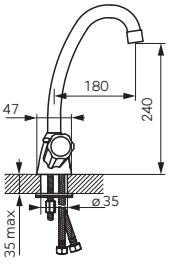
	Description	Colour	Index	EUR
 	**Standing washbasin mixer** • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**XR2**	**32,99**
 	**Wall-mounted washbasin mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XR3**	**32,99**
 	**Wall-mounted shower mixer** • with spot shower set • moving faucet heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**XR77**	**54,99**
 	**Wall-mounted bath mixer** • with shower • moving faucet heads • bath/shower switch • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XR11**	**79,99**
 	**Standing sink mixer** • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	chrome	**XR4**	**29,99**
 	**Wall-mounted sink mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XR5**	**34,99**

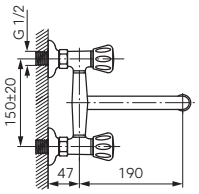
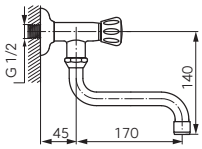




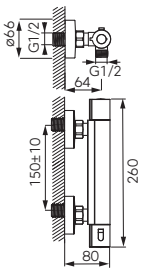
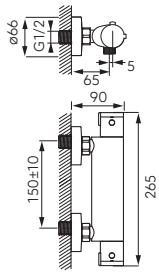
Description	Colour	Index	EUR
Retro water valve • moving faucet head • wall-mounting • Retro handle • M22x1 flow regulator • swivel spout	chrome	**Z40**	**13,99**

STANDARD

		Description	Colour	Index	EUR
		**Standing washbasin mixer** • moving faucet head • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BST2**	**29,99**
		**Wall-mounted washbasin mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BST3**	**32,99**
		**Wall-mounted shower mixer** • with spot shower set • moving faucet heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection	chrome	**BST77**	**39,99**
		**Wall-mounted bath mixer** • with shower • moving faucet heads • M24x1 flow regulator • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BST11**	**59,99**
		**Wall-mounted bath mixer** • with shower • moving faucet heads • M22x1 flow regulator • bath/shower switch • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BST11A**	**54,99**
		**Standing sink mixer** • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	chrome	**BST4**	**29,99**

		Description	Colour	Index	EUR
		**Wall-mounted sink mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BST5**	**32,99**
		**Standard water valve** • moving faucet head • wall-mounting • Standard handle • M22x1 flow regulator • swivel spout • for connecting cold or mixed water	chrome	**Z39**	**13,99**

THERMOSTATIC MIXERS

			Description	Colour	Index	EUR
			**Trinity** **Wall-mounted shower mixer** • thermostatic regulator • Safe Touch System - the body does not heat up • Safe Stop 38°C - hot water lock • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	TRM7	69,99
			**Varese** **Wall-mounted shower mixer** • thermostatic regulator • Safe Stop 38°C - hot water lock • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • Eco-button - limits water flow • shower set not included	chrome	TAM7	79,99



Shower programmes

A modern shower, in addition to providing a comfortable bath, can also perfectly decorate the bathroom interior. That is why Ferro offers perfectly highly admired by users functional shower sets equipped with water-saving components and thermostatic mixers, as well as flush mounted sets with a mixer and a rain shower. Sets with elegant rain showers and shower handles of geometric or round form covered with shiny chrome coating look great in modern shower cabins.

SHOWER SETS



RAINFALL SHOWER SYSTEMS AND MIXER
92



RAINFALL SHOWER SYSTEMS AND THERMOSTATIC MIXER
96



SHOWER SETS WITH RAINFALL
101



BUILT IN SHOWER SETS
112



SLIDING SHOWER SET
115



SPOT SHOWER SETS
122

SHOWERS SET COMPONENTS



SHOWER HANDLE HOLDERS
124



SHOWER HANDLES
126



SHOWER HEADS
131



RAIN SHOWER HEADS
132



SHOWER ARMS
135



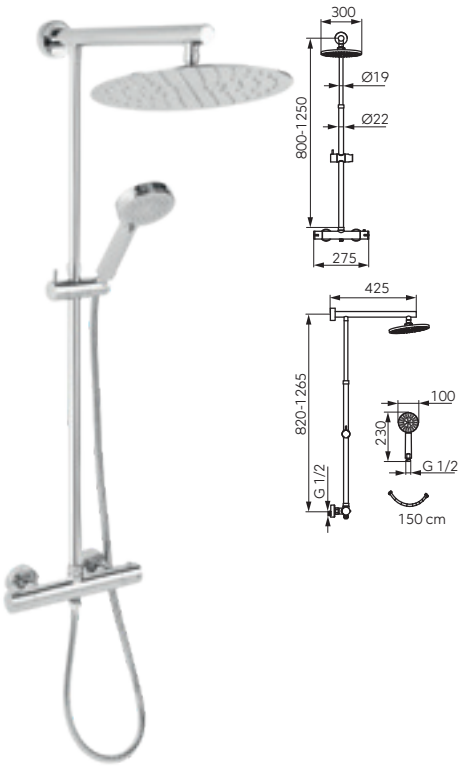
ANGLE CONNECTORS FOR FLUSH-MOUNTED SYSTEMS
136



SHOWER HOSES
138

RAINFALL SHOWER SYSTEMS AND THERMOSTATIC MIXER

Description	Colour	Index	EUR
Trevi **rainfall shower system** **and thermostatic mixer**	chrome	**NP75-TRV7U**	**189,99**

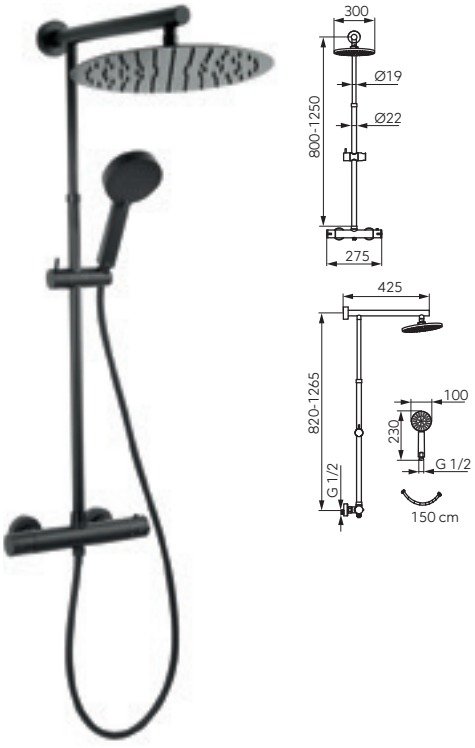


Rainfall shower:
- regulated length of metal bar 800 - 1250 mm
- regulated mounting height
- rainfall steel head SLIM – Ø 300 mm
- integrated wall mounting with rainfall bar
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower mixer:
- thermostatic regulator
- integrated ceramic switch for rainfall shower/shower handle
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G3/4 rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Shower:
- Shower handle Ø 100
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm shower hose in metal braid

Description	Colour	Index	EUR
Trevi **rainfall shower system** **and thermostatic mixer**	black	**NP75-TRV7U-BL**	**219,99**



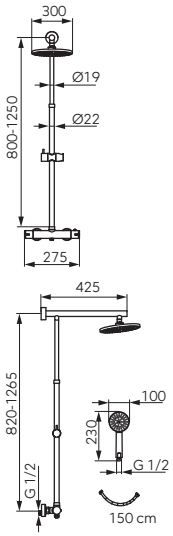
Rainfall shower:
- regulated length of metal bar 800 - 1250 mm
- regulated mounting height
- rainfall steel head SLIM – Ø 300 mm
- integrated wall mounting with rainfall bar
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower mixer:
- thermostatic regulator
- integrated ceramic switch for rainfall shower/shower handle
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G3/4 rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Shower:
- Shower handle Ø 100
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm

Description	Colour	Index	EUR
Trevi **rainfall shower system** **and thermostatic mixer**	gun metal	**NP75-TRV7U-GM** NEW	**299,99**





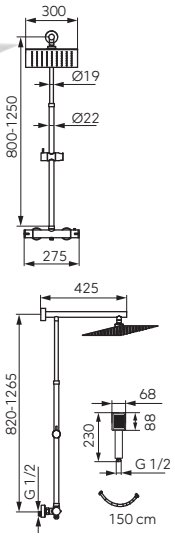
Rainfall shower:
- regulated length of metal bar 800 - 1250 mm
- regulated mounting height
- rainfall steel head SLIM – Ø 300 mm
- integrated wall mounting with rainfall bar
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower mixer:
- thermostatic regulator
- integrated ceramic switch for rainfall shower/shower handle
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G3/4 rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Shower:
- Shower handle Ø 100
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm

Description	Colour	Index	EUR
Trevi Square **rainfall shower system** **and thermostatic mixer**	chrome	**NP75SQ-TRV7U**	**199,99**





Rainfall shower:
- regulated length of metal bar 800 - 1250 mm
- regulated mounting height
- rainfall steel head SLIM 300 x 300 mm
- integrated wall mounting with rainfall bar
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

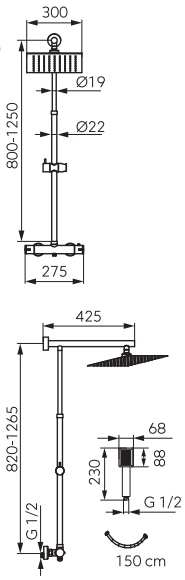
Shower mixer:
- thermostatic regulator
- integrated ceramic switch for rainfall shower/shower handle
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G3/4 rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Shower:
- 1-function shower handle
- stream: rain
- Ferro Easy Clean System - easy limescale removal
- 150 cm shower hose in metal braid

RAINFALL SHOWER SYSTEMS AND THERMOSTATIC MIXER

Description	Colour	Index	EUR





Trevi Square
rainfall shower system
and thermostatic mixer

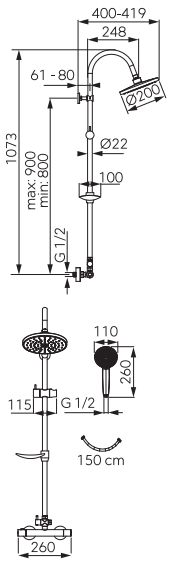
black | **NP75SQ-TRV7U-BL** | **249,99**

Rainfall shower:
- regulated length of metal bar 800 - 1250 mm
- regulated mounting height
- rainfall steel head SLIM 300 x 300 mm
- integrated wall mounting with rainfall bar
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower mixer:
- thermostatic regulator
- integrated ceramic switch for rainfall shower/shower handle
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G3/4 rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Shower:
- 1-function shower handle
- stream: rain
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm





Trinity
rainfall shower system
and thermostatic mixer

chrome | **NP71-TRM7U** | **139,99**

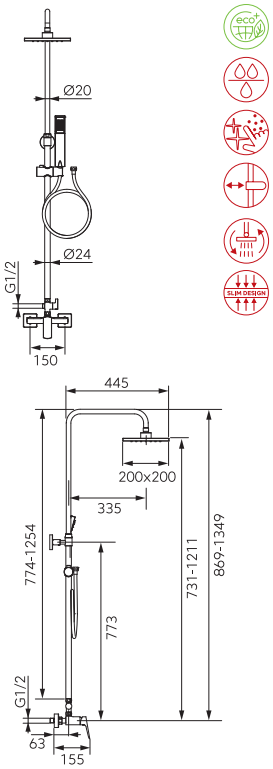
Rainfall shower:
- metal bar 1100 mm
- regulated mounting height
- regulated distance of rainfall from wall allowing easy mounting
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal
- soapbox
- metal switch with ceramic insert

Shower:
- Shower handle diameter 110 mm
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose

Thermostatic mixer:
- thermostatic regulator
- Safe Touch System - the body does not heat up
- Safe Stop 38°C - hot water lock
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G1/2 shower connection - upper fitting

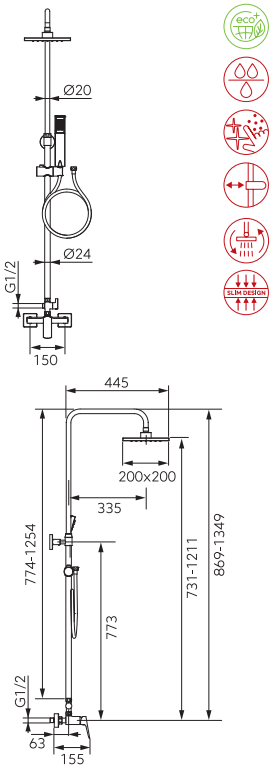
Description	Colour	Index	EUR
Vitto Verdeline rainfall shower system and mixer Rainfall shower: • sliding metal bar with adjustable length, 774 - 1254 mm • regulated distance of rainfall from wall allowing easy mounting • square SLIM stainless steel shower head, 200 x 200 mm • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal Shower: • 1-function rectangle shower handle • stream: rain • sliding handle with adjustable shower handle angle • Ferro Easy Clean System - easy limescale removal • 150 cm steel braided shower hose Shower mixer: • ceramic cartridge • integrated flow limiter for the shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 rainfall and shower connection - upper fitting Shower switch: • brass switch with ceramic head	chrome	NP81-BVI7UVL	129,99





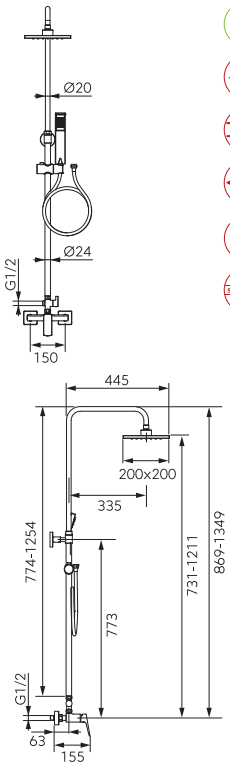
Description	Colour	Index	EUR
Vitto Verdeline rainfall shower system and mixer Rainfall shower: • sliding metal bar with adjustable length, 774 - 1254 mm • regulated distance of rainfall from wall allowing easy mounting • square SLIM stainless steel shower head, 200 x 200 mm • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal Shower: • 1-function rectangle shower handle • stream: rain • sliding handle with adjustable shower handle angle • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm, black Shower mixer: • ceramic cartridge • integrated flow limiter for the shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 rainfall and shower connection - upper fitting Shower switch: • brass switch with ceramic head	black	NP81-BVI7UVL-BL	149,99





RAINFALL SHOWER SYSTEMS AND MIXER VERDELINE

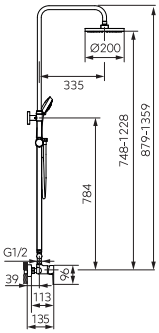


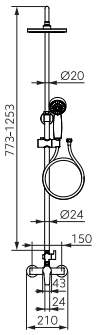


Description	Colour	Index	EUR
Vitto Verdeline rainfall shower system and mixer Rainfall shower: • sliding metal bar with adjustable length, 774 - 1254 mm • regulated distance of rainfall from wall allowing easy mounting • square SLIM stainless steel shower head, 200 x 200 mm • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal Shower: • 1-function rectangle shower handle • stream: rain • sliding handle with adjustable shower handle angle • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm, black Shower mixer: • ceramic cartridge • integrated flow limiter for the shower outlet • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 rainfall and shower connection - upper fitting Shower switch: • brass switch with ceramic head	gun metal	NP81-BVI7UVL-GM NEW Unified Water Label 6.1 l/min ENERGY 408.31 kWh/p.a	169,99

Description	Colour	Index	EUR
Ritto **rainfall shower system and mixer**	chrome	NP84-BTR7U	99,99







Rainfall shower:
- sliding metal bar with adjustable length 748 - 1228 mm
- regulated distance of rainfall from wall allowing easy mounting
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

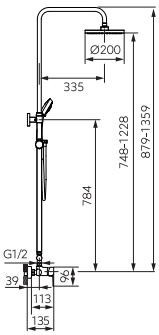
Shower:
- 3-function rectangle shower handle
- stream: rain, massage, mixed
- sliding holder with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm, black

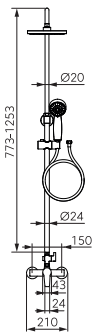
Shower mixer:
- ceramic cartridge
- G1/2 eccentric connection spacing 150 ± 20 mm
- G1/2 rainfall and shower connection - upper fitting

Shower switch:
- brass switch with ceramic head

Ritto **rainfall shower system and mixer**	black	NP84-BTR7U-BL	119,99







Rainfall shower:
- sliding metal bar with adjustable length 748 - 1228 mm
- regulated distance of rainfall from wall allowing easy mounting
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 3-function rectangle shower handle
- stream: rain, massage, mixed
- sliding holder with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm, black

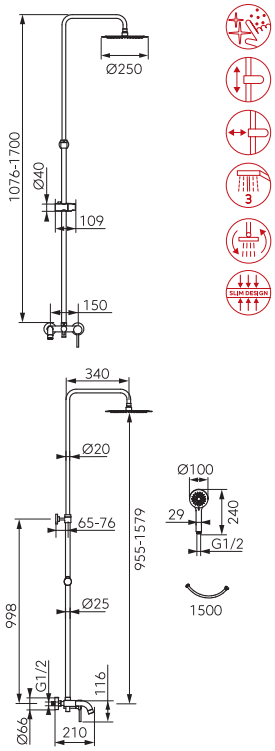
Shower mixer:
- ceramic cartridge
- G1/2 eccentric connection spacing 150 ± 20 mm
- G1/2 rainfall and shower connection - upper fi tting

Shower switch:
- brass switch with ceramic head

RAINFALL SHOWER SYSTEMS AND MIXER

Description	Colour	Index	EUR
Fiesta **rainfall shower system** **and bath mixer**	chrome	**NP79-BFI13U**	**189,99**





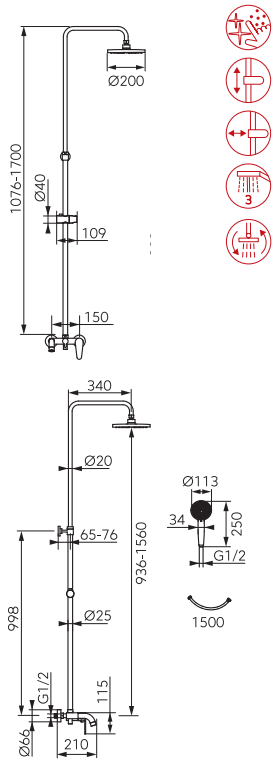
Rainfall shower:
- rainfall steel head SLIM – Ø 250 mm
- regulated length of metal bar 1076 - 1700 mm
- regulated height rainfall head - adjusting the height of the set to your height
- regulated distance of rainfall from wall allowing easy mounting
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- shower handle diameter 100 mm
- 3-function shower handle streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm PVC shower hose

Bath mixer:
- ceramic cartridge
- ceramic switch with metal holder, 3 function: rainfall/ shower / bath tub
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Description	Colour	Index	EUR
Algeo **rainfall shower system** **and bath mixer**	chrome	**NP78-BAG13U**	**159,99**





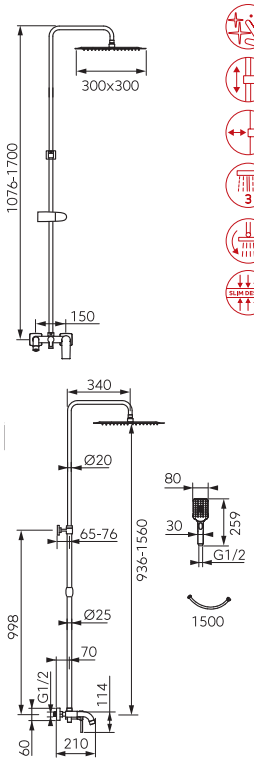
Rainfall shower:
- rainfall head Ø20 cm
- regulated length of metal bar 1076 - 1700 mm
- regulated height rainfall head - adjusting the height of the set to your height
- regulated distance of rainfall from wall allowing easy mounting
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- shower handle diameter 113 mm
- 3-function shower handle streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose

Bath mixer:
- ceramic cartridge
- ceramic switch with metal holder, 3 function: rainfall/ shower / bath tub
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Description	Colour	Index	EUR
Algeo Square rainfall shower system and bath mixer	chrome	**NP80-BAQ13U**	**199,99**





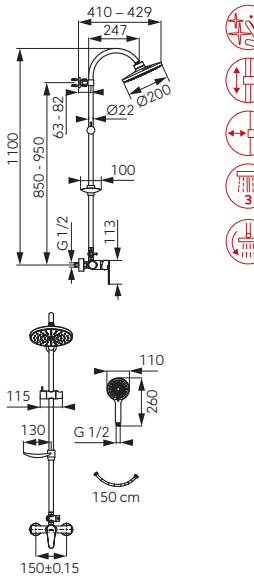
Rainfall shower:
- rainfall steel head SLIM 300 x 300 mm
- regulated length of metal bar 1076 - 1700 mm
- regulated height rainfall head - adjusting the height of the set to your height
- regulated distance of rainfall from wall allowing easy mounting
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 3-function shower handle streams: rain, massage, mixed
- switching streams by the button
- Ferro Easy Clean System - easy limescale removal
- 150 cm PVC shower hose

Bath mixer:
- ceramic cartridge
- ceramic switch with metal holder, 3 function: rainfall/ shower / bath tub
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- rainfall connection - upper fitting
- G1/2 shower connection - bottom fitting

Description	Colour	Index	EUR
Algeo rainfall shower system and mixer	chrome	**NP71-BAG7U**	**99,99**





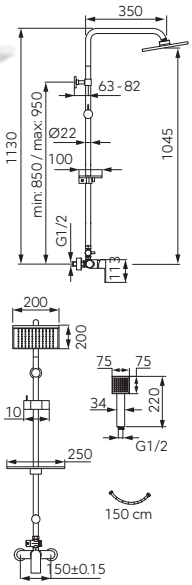
Rainfall shower:
- metal bar 1100 mm
- regulated mounting height
- regulated distance of rainfall from wall allowing easy mounting
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal
- soapbox
- metal switch with ceramic insert

Shower:
- shower handle diameter 110 mm
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose

Shower mixer:
- ceramic cartridge
- wall-mounting
- G1/2 eccentric connection spacing 150 ± 20 mm
- G1/2 shower connection - upper fitting

RAINFALL SHOWER SYSTEMS AND MIXER





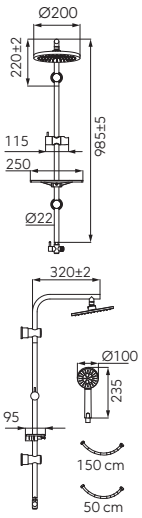
Description	Colour	Index	EUR
Algeo Square rainfall shower system and mixer Rainfall shower: • metal bar 1130 mm • regulated mounting height • regulated distance of rainfall from wall allowing easy mounting • 200 x 200 mm rectangular shower head plate • integrated wall mounting with rainfall bar • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal • practical, flat shelf for cosmetics with adjustable mounting • metal switch with ceramic insert Shower mixer: • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection - upper fitting Shower: • 75 x 75 mm shower handle • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in metal braid	chrome	**NP74-BAQ7U**	**119,99**

Description	Colour	Index	EUR
Kanto Verdeline rainfall with shower set Rainfall shower: • Ferro Air-in System - aeration of water stream • water flow in overhead plate ~5.9 l/min (for pressure 3 bar) - water consumption reduction even up to 50% • Ferro Easy Clean System - easy limescale removal • 950 mm sliding metal bar • regulated mounting height • rectangular overhead shower plate, 300 mm x 200 mm • ball-joint - adjustable angle of overhead shower plate Shower: • Ferro Air-in System - aeration of water stream • water flow in hand shower ~5.5 l/min (for pressure 3 bar) - water consumption reduction even up to 50% • Ferro Easy Clean System - easy limescale removal • shower handle with click function switch • 3-function rectangular shower handle • streams: rain, massage, mixed • sliding handle with adjustable shower handle angle • PVC shower hose 150 cm Shower switch: • brass switch with ceramic click button for changing spray function of overhead shower plate	chrome	NP94VL	89,99
Kanto Verdeline rainfall with shower set Rainfall shower: • Ferro Air-in System - aeration of water stream • water flow in overhead plate ~5.9 l/min (for pressure 3 bar) - water consumption reduction even up to 50% • Ferro Easy Clean System - easy limescale removal • 950 mm sliding metal bar • regulated mounting height • rectangular overhead shower plate, 300 mm x 200 mm • ball-joint - adjustable angle of overhead shower plate Shower: • Ferro Air-in System - aeration of water stream • water flow in hand shower ~5.5 l/min (for pressure 3 bar) - water consumption reduction even up to 50% • Ferro Easy Clean System - easy limescale removal • shower handle with click function switch • 3-function rectangular shower handle • streams: rain, massage, mixed • sliding handle with adjustable shower handle angle • PVC shower hose 150 cm, black Shower switch: • brass switch with ceramic click button for changing spray function of overhead shower plate	black	NP94VL-BL	99,99

SHOWER SETS WITH RAINFALL VERDELINE

Description	Colour	Index	EUR
Amiga Verdeline **sliding shower set with rainfall**	chrome	**NP25VL**	**74,99**





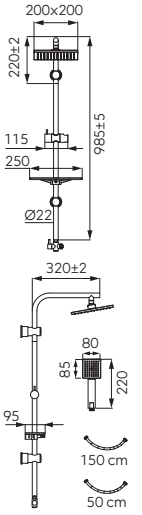
Rainfall shower:
- shower head plate - Ø 200 mm
- shower head plate water flow - 5.5 l/min
  - reduced water consumption to 50%
- Ferro Air-in System
  - aeration of the water stream
- metal slide bar 985 mm
- adjustable slide bar holders
  - possible to mount in existing openings
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

Shower:
- shower handle - Ø 100 mm
- shower handle water flow - 6.4 l/min
  - reduced water consumption to 50%
- Ferro Air-in System
  - aeration of the water stream
- 1-function shower handle
- stream: rain
- Ferro Easy Clean System
  - easy limescale removal
- 150 cm metal braided shower hose
- connecting hose 50 cm with a 1/2 nut
  - universal connection to any bath or shower faucet

Shower switch:
- metal shower switch with ceramic insert

Description	Colour	Index	EUR
Amigo Verdeline **sliding shower set with rainfall**	chrome	**NP26VL**	**74,99**





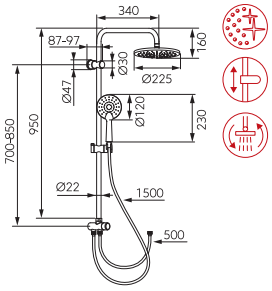
Rainfall shower:
- shower head plate - 200 x 200 mm
- shower head plate water flow - 5.5 l/min
  - reduced water consumption to 50%
- Ferro Air-in System
  - aeration of the water stream
- metal slide bar 985 mm
- adjustable slide bar holders
  - possible to mount in existing openings
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

Shower:
- shower handle – 80 x 85 mm
- shower handle water flow - 6.2 l/min
  - reduced water consumption to 50%
- Ferro Air-in System
  - aeration of the water stream
- 1-function shower handle
- stream: rain
- Ferro Easy Clean System
  - easy limescale removal
- 150 cm metal braided shower hose
- connecting hose 50 cm with a 1/2 nut
  - universal connection to any bath or shower faucet

Shower switch:
- metal shower switch with ceramic insert

Description	Colour	Index	EUR
Coppa **rainfall with shower set**	chrome	**NP92**	**79,99**





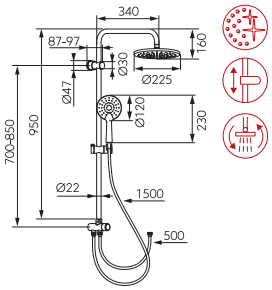
Rainfall shower:
- Auto Clean System - automatic removal of limescale from overhead shower plates
- 950 mm sliding metal bar
- regulated mounting height
- round overhead shower plate, Ø 225 mm
- ball-joint - adjustable angle of overhead shower plate

Shower:
- Auto Clean System - automatic removal of limescale from shower handle
- 1-function rounded shower handle
- stream: rain
- sliding handle with adjustable shower handle angle
- 150 cm steel braided shower hose

Shower switch:
- brass switch with ceramic click button for changing spray function of overhead shower plate

Description	Colour	Index	EUR
Coppa **rainfall with shower set**	black	**NP92-BL**	**89,99**





Rainfall shower:
- Auto Clean System - automatic removal of limescale from overhead shower plates
- 950 mm sliding metal bar
- regulated mounting height
- round overhead shower plate, Ø 225 mm
- ball-joint - adjustable angle of overhead shower plate

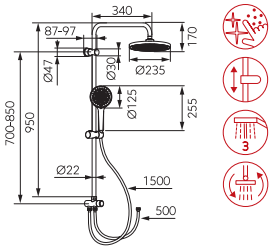
Shower:
- Auto Clean System - automatic removal of limescale from shower handle
- 1-function rounded shower handle
- stream: rain
- sliding handle with adjustable shower handle angle
- 150 cm shower hose, PVC, black

Shower switch:
- brass switch with ceramic click button for changing spray function of overhead shower plate

SHOWER SETS WITH RAINFALL

Description	Colour	Index	EUR
Vepa **rainfall with shower set**	chrome	**NP93**	**79,99**





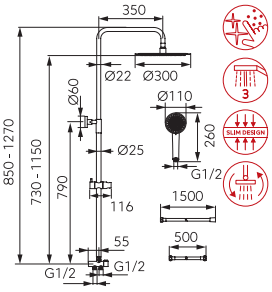
Rainfall shower:
- 950 mm sliding metal bar
- regulated mounting height
- round overhead shower plate with black insert, Ø 235 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 3-function round shower handle with black insert
- streams: rain, massage, mixed
- sliding handle with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- 150 cm shower hose, PVC

Shower switch:
- brass switch with ceramic click button for changing spray function of overhead shower plate

Description	Colour	Index	EUR
Wizard Pro **sliding shower set with rainfall**	chrome	**NP47**	**109,99**





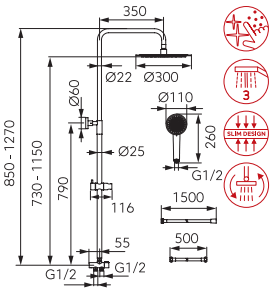
Rainfall shower:
- sliding metal bar with adjustable length, 850 - 1270 mm
- round SLIM stainless steel shower head, Ø 300 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 3-function round shower handle
- streams: rain, massage, mixed
- sliding handle made of plastic with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm

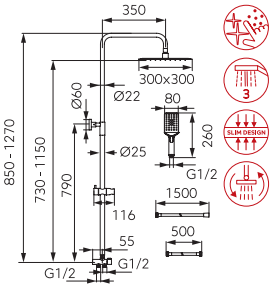
Shower switch:
- brass switch with ceramic head

Description	Colour	Index	EUR
Wizard Pro **sliding shower set with rainfall** Rainfall shower: • sliding metal bar with adjustable length, 850 - 1270 mm • regulated height rainfall head - adjusting the height of the set to your height • round SLIM stainless steel shower head, Ø 300 mm • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal Shower: • 3-function round shower handle • streams: rain, massage, mixed • sliding handle with adjustable shower handle angle • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm Shower switch: • brass switch with ceramic head • connecting hose 50 cm with a 1/2 nut - universal connection to any bath or shower mixer	black	NP47-BL	129,99
Wizard Square Pro **sliding shower set with rainfall** Rainfall shower: • sliding metal bar with adjustable length, 850 - 1270 mm • square SLIM stainless steel shower head, 300 x 300 mm • ball-joint - adjustable angle of overhead shower plate • Ferro Easy Clean System - easy limescale removal Shower: • 3-function square shower handle • streams: rain, massage, mixed • sliding handle made of plastic with adjustable shower handle angle • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm Shower switch: • brass switch with ceramic head	chrome	NP48	109,99





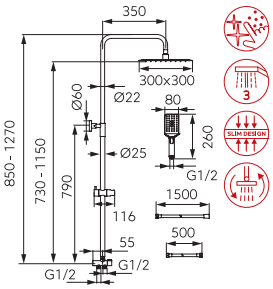




SHOWER SETS WITH RAINFALL

Description	Colour	Index	EUR
Wizard Square Pro **sliding shower set with rainfall**	black	**NP48-BL**	**144,99**





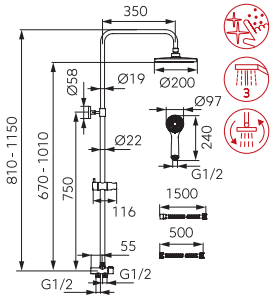
Rainfall shower:
- sliding metal bar with adjustable length, 850 - 1270 mm
- regulated height rainfall head - adjusting the height of the set to your height
- square SLIM stainless steel shower head, 300 x 300 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- shower handle with click function switch
- 3-function rectangle shower handle
- streams: rain, massage, mixed
- sliding handle with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm

Shower switch:
- brass switch with ceramic head
- connecting hose 50 cm with a 1/2 nut - universal connection to any bath or shower mixer

Description	Colour	Index	EUR
Wizard **sliding shower set with rainfall**	chrome	**NP45**	**69,99**



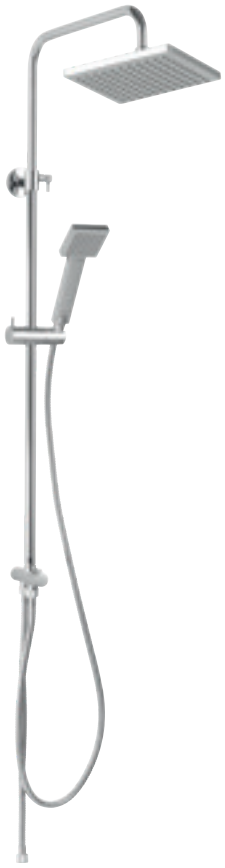


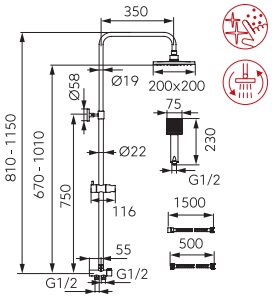
Rainfall shower:
- sliding metal bar with adjustable length, 810 - 1150 mm
- round plastic overhead shower plate, Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 3-function round shower handle
- streams: rain, massage, mixed
- sliding handle made of plastic with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- 150 cm steel braided shower hose

Shower switch:
- brass switch with ceramic head

Description	Colour	Index	EUR
Wizard Square **sliding shower set with rainfall**	chrome	**NP46**	**69,99**





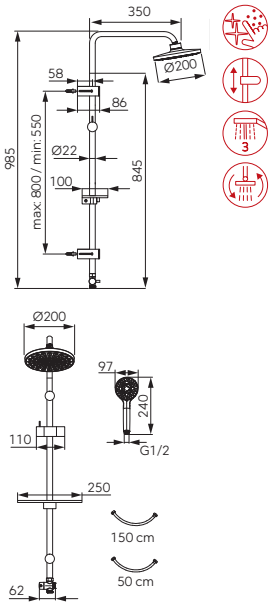
Rainfall shower:
- sliding metal bar with adjustable length, 810 - 1150 mm
- square plastic overhead shower plate, 200 mm x 200 mm
- ball-joint - adjustable angle of overhead shower plate
- Ferro Easy Clean System - easy limescale removal

Shower:
- 1-function square shower head
- streams: rain
- sliding handle made of plastic with adjustable shower handle angle
- Ferro Easy Clean System - easy limescale removal
- 150 cm steel braided shower hose

Shower switch:
- brass switch with ceramic head

Description	Colour	Index	EUR
Rondo Lux **sliding shower set with rainfall**	chrome	**NP23**	**64,99**





Rainfall shower:
- sliding shower set with rainfall
- 985 mm sliding metal bar
- adjustable spacing distance between holders - possibility of mounting in existing wall openings
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

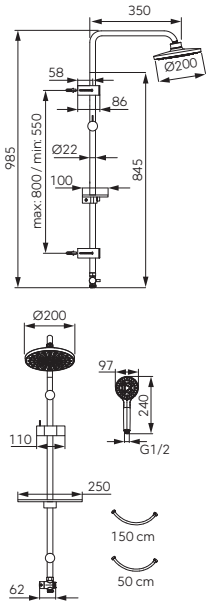
Shower:
- shower head plate - Ø 200 mm
- shower handle - Ø 100 mm
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose
- 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet

Shower switch:
- metal switch with ceramic insert

SHOWER SETS WITH RAINFALL

Description	Colour	Index	EUR
Rondo Lux **sliding shower set with rainfall**	black	**NP23-BL**	**74,99**





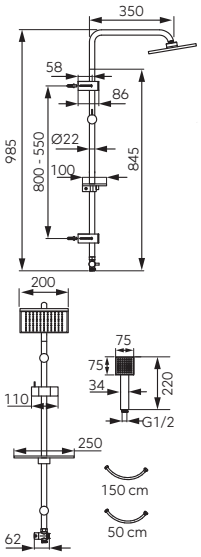
Rainfall shower:
- 985 mm sliding metal bar
- adjustable spacing distance between holders - possibility of mounting in existing wall openings
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

Shower:
- shower handle - Ø 100 mm
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm
- 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet

Shower switch:
- metal switch with ceramic insert

Description	Colour	Index	EUR
Squerto Lux **sliding shower set with rainfall**	chrome	**NP24**	**64,99**





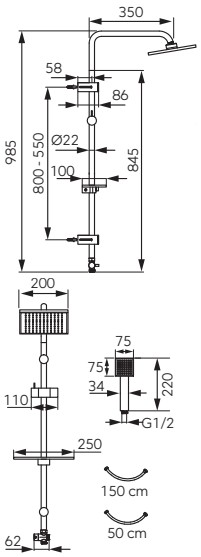
Rainfall shower:
- 985 mm sliding metal bar
- adjustable spacing distance between holders - possibility of mounting in existing wall openings
- shower head plate dimension 200 x 200 mm
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

Shower:
- 1-function shower handle
- streams: rain
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose
- 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet

Shower switch:
- metal switch with ceramic insert

Description	Colour	Index	EUR





Squerto Lux
sliding shower set with rainfall

black | **NP24-BL** | **74,99**

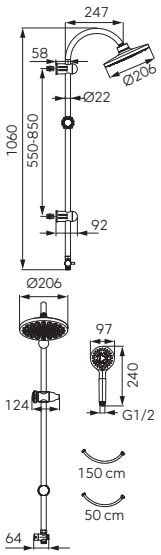
Rainfall shower:
- sliding shower set with rainfall
- 985 mm sliding metal bar
- adjustable spacing distance between holders - possibility of mounting in existing wall openings
- ball-joint - adjustable angle of overhead shower plate
- practical, flat shelf for cosmetics with adjustable mounting

Shower:
- shower head plate dimension 200 x 200 mm
- shower handle - Ø 100 mm
- 1-function shower handle

Streams: rain
- Ferro Easy Clean System - easy limescale removal
- PVC shower hose 150 cm
- 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet

Shower switch:
- metal switch with ceramic insert





Rondo
sliding shower set with rainfall

chrome | **NP21** | **54,99**

Rainfall shower:
- 1060 mm sliding metal bar
- adjustable spacing distance between holders - possibility of mounting in existing wall openings
- shower head plate - Ø 200 mm
- ball-joint - adjustable angle of overhead shower plate

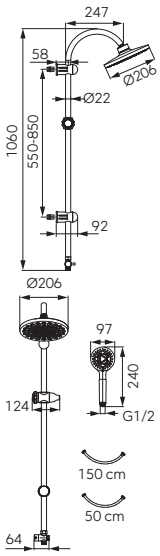
Shower:
- shower handle - Ø 100 mm
- 3-function shower handle
- streams: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal
- 150 cm metal braided shower hose
- 70 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet

Shower switch:
- metal switch with ceramic insert

SHOWER SETS WITH RAINFALL

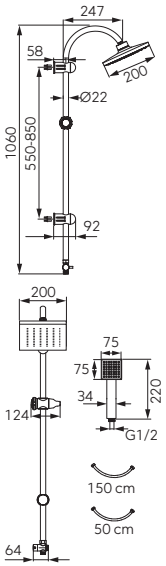
Description	Colour	Index	EUR
Rondo **sliding shower set with rainfall** Rainfall shower: • 1060 mm sliding metal bar • adjustable spacing distance between holders - possibility of mounting in existing wall openings • shower head plate - Ø 200 mm • ball-joint - adjustable angle of overhead shower plate Shower: • shower handle - Ø 100 mm • 3-function shower handle • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet Shower switch: • metal switch with ceramic insert	black	NP21-BL	69,99



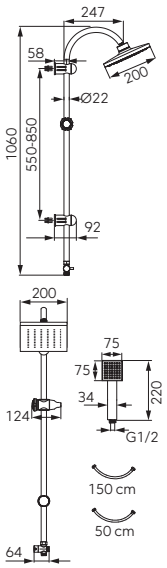


Description	Colour	Index	EUR
Squerto **sliding shower set with rainfall** Rainfall shower: • 1060 mm sliding metal bar • adjustable spacing distance between holders - possibility of mounting in existing wall openings • shower head plate – 200 x 200 mm • ball-joint - adjustable angle of overhead shower plate Shower: • 1-function shower handle • streams: rain • Ferro Easy Clean System - easy limescale removal • 150 cm metal braided shower hose • 70 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet Shower switch: • metal switch with ceramic insert	chrome	NP22	54,99









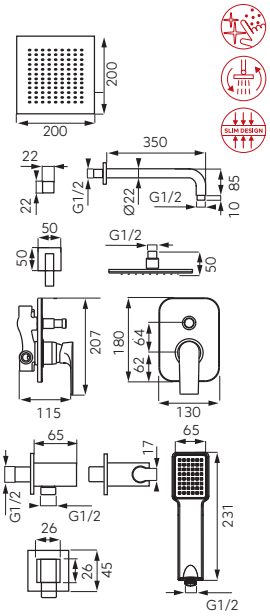
Description	Colour	Index	EUR
Squerto **sliding shower set with rainfall** Rainfall shower: • 1060 mm sliding metal bar • adjustable spacing distance between holders - possibility of mounting in existing wall openings • shower head plate – 200 x 200 mm • ball-joint - adjustable angle of overhead shower plate Shower: • 1-function shower handle • streams: rain • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • 50 cm PVC connecting hose with G1/2 nut - universal connection to any bath tub or shower faucet Shower switch: • metal switch with ceramic insert	black	**NP22-BL**	**69,99**

BUILT-IN SHOWER SETS

Description	Colour	Index	EUR
Algeo Square **built-in shower sets**	chrome	**BAQ7P-SET1-S**	**129,99**







Rainfall shower with an arm:
- metal rainfall shower plate SLIM
- square shaped shower plate 200 x 200 mm
- 350 mm shower arm
- Ferro Easy Clean System - easy limescale removal
- ball joint - adjustable shower head angle
- metal rosette

Angled connector:
- with integrated shower handle mount
- G1/2 connection to shower hose
- metal rosette

Shower hose:
- in metal braid
- length 150 cm
- cone nut

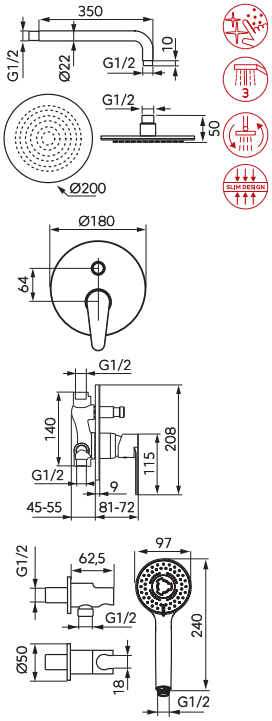
Shower handle:
- square 75 x 75 mm
- 1-function shower handle
- stream: rain
- Ferro Easy Clean System - easy limescale removal

Built-in mixer:
- 2-function flush-mounted
- ceramic cartridge
- switch with Anti-Stop function
- connection, shower fitting: G1/2
- metal cover

Description	Colour	Index	EUR
Algeo **built-in shower sets**	chrome	**BAG7P-SET1-S**	**109,99**







Rainfall shower with an arm:
- metal rainfall shower plate SLIM
- round shaped shower plate Ø 200 mm
- 350 mm shower arm
- Ferro Easy Clean System - easy limescale removal
- ball joint - adjustable shower head angle
- metal rosette

Angle connection:
- with integrated shower handle mount
- G1/2 connection to shower hose
- metal rosette

Shower hose:
- in metal braid
- length 150 cm
- cone nut

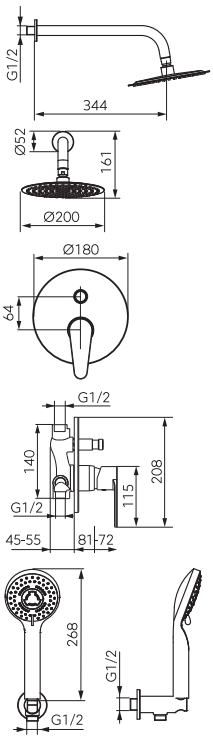
Shower handle:
- Round - Ø 97 mm
- 3-function shower handle
- stream: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal

Built-in mixer:
- 2-function flush-mounted
- ceramic cartridge
- switch with Anti-Stop mode
- connection, shower fitting: G1/2
- metal cover

Description	Colour	Index	EUR
Algeo built-in shower sets	black	**BAG7PBL-SET1-S**	**119,99**







Rainfall shower with an arm:
- metal rainfall shower plate SLIM
- round shaped shower plate Ø 200 mm
- 350 mm shower arm
- Ferro Easy Clean System - easy limescale removal
- ball joint - adjustable shower head angle
- metal rosette

Angle connection:
- with integrated shower handle mount
- G1/2 connection to shower hose
- metal rosette

Shower hose:
- PVC
- length 150 cm
- cone nut

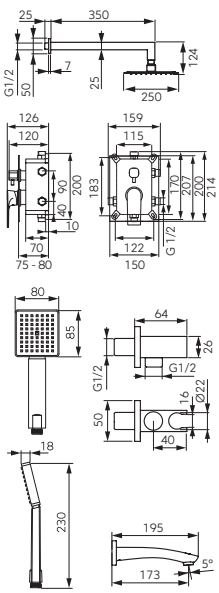
Shower handle:
- Round - Ø 97 mm
- 3-function shower handle
- stream: rain, massage, mixed
- Ferro Easy Clean System - easy limescale removal

Built-in mixer:
- 2-function flush-mounted
- ceramic cartridge
- switch with Anti-Stop mode
- connection, shower fitting: G1/2
- metal cover

Description	Colour	Index	EUR
Algeo Square built-in shower sets	chrome	**BAQ7P3BOX-SET1-S**	**299,99**







Rainfall shower with an arm:
- metal rainfall shower plate SLIM
- square shaped shower plate 250 x 250 mm
- 350 mm shower arm
- Ferro Easy Clean System - easy limescale removal
- ball joint - adjustable shower head angle
- metal rosette

Angled connector:
- with integrated shower handle mount
- G1/2 connection to shower hose
- metal rosette

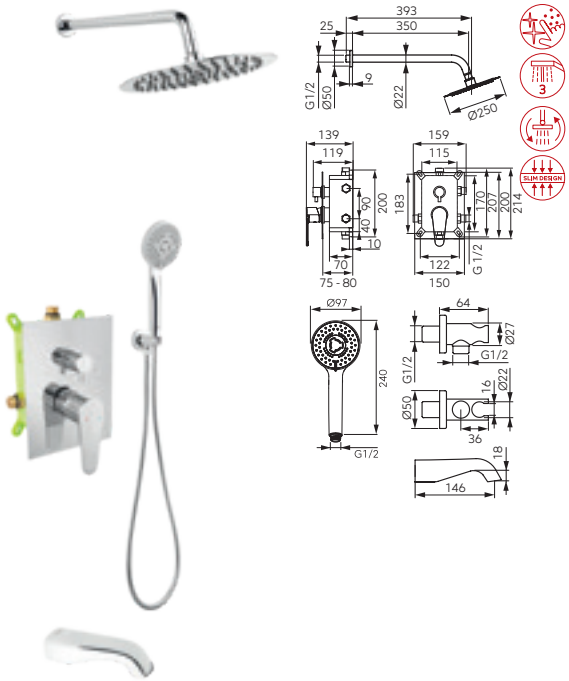
Shower hose:
- in metal braid
- length 150 cm
- cone nut

Shower handle:
- rectangle 80 x 85 mm
- 1-function
- stream: rain
- Ferro Air-in System - aeration of water stream saving up to 50% of water
- Ferro Easy Clean System - easy limescale removal

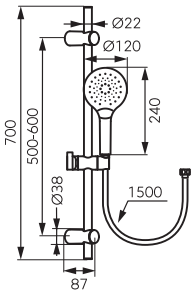
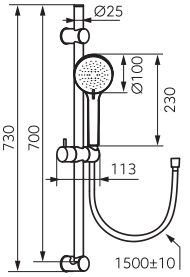
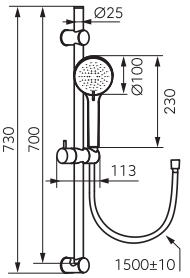
Built-in mixer - box kit:
- 3-function
- a set of concealed and surface mounted components
- metal plate cover
- adjustable mounting depth
- wall-mounting
- 3-function ceramic switch
- ceramic cartridge
- G1/2 connection
- G1/2 shower output

Flush mounted bath spout:
- G1/2 connection
- rosette

BUILT-IN SHOWER SETS



Description	Colour	Index	EUR
Algeo **built-in shower sets** Rainfall shower with an arm: • metal rainfall shower plate SLIM • round shaped shower plate Ø 250 mm • 350 mm shower arm • Ferro Easy Clean System - easy limescale removal • ball joint - adjustable shower head angle • metal rosette Angle connection: • with integrated shower handle mount • G1/2 connection to shower hose • metal rosette Shower hose: • in metal braid • length 150 cm • cone nut Shower handle: • Round - Ø 97 mm • 3-function shower handle • stream: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal Built-in mixer - box kit: • 3-function • a set of concealed and surface mounted components • metal plate cover • adjustable mounting depth • wall-mounting • 3-function ceramic switch • ceramic cartridge • G1/2 connection • G1/2 shower output Flush mounted bath spout: • G1/2 connection	chrome	BAG7P3BOX-SET1-S	299,99

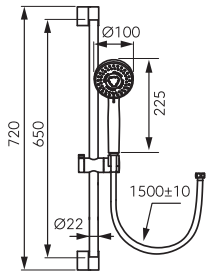
	Description	Colour	Index	EUR
 	**Mulo** **sliding shower set** • 3-function shower handle with buit-in click button • Ferro Easy Clean System - easy limescale removal • streams: rain, massage, mixed • PVC shower hose 150 cm • 700 mm sliding metal bar • sliding handle with adjustable shower handle angle • vertical adjustable wall holders • when replacing the current shower set, it is possible to adjust the spacing of wall holders to the existing openings in the range 500 – 600 mm	chrome	**N334**	**32,99**
 	**Rillo** **sliding shower set** • 700 mm sliding metal bar • adjustable slide bar mount holders in range 50-67 cm • top mount adjustment – possibility of mounting in existing wall openings • 3-function shower handle • streams: rain, massage, mixed • Ø 100 mm • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip	bright gold	**N365G**	**69,99**
 	**Rillo** **sliding shower set** • 700 mm sliding metal bar • adjustable slide bar mount holders in range 50-67 cm • top mount adjustment – possibility of mounting in existing wall openings • 3-function shower handle • streams: rain, massage, mixed • Ø 100 mm • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip	gun metal	**N365GM** **NEW**	**54,99**

SHOWER SETS

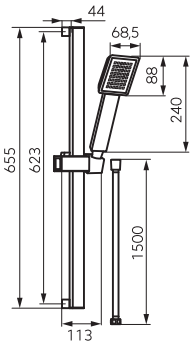
	Description	Colour	Index	EUR
	**Phila** **sliding shower set** • Auto Clean System - automatic removal of limescale from shower handle nozzles • adjustable bar mount spacing - top mount adjustment • 730 mm sliding metal bar • 1-mode shower handle • spray mode: rain • 150 cm PVC shower hose • conical hose tip	chrome	N375	24,99
	**Phila** **sliding shower set** • Auto Clean System - automatic removal of limescale from shower handle nozzles • adjustable bar mount spacing - top mount adjustment • 730 mm sliding metal bar • 1-mode shower handle • spray mode: rain • 150 cm PVC shower hose • conical hose tip	black	N375BL-B	25,99
	**Horn Black** **sliding shower set** • 720 mm sliding metal bar • 3-function shower handle • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal • 150 cm PVC shower hose • conical hose tip	chrome	N370	25,99

Description	Colour	Index	EUR
Horn **sliding shower set** • 720 mm sliding metal bar • 3-function shower handle • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal • 150 cm PVC shower hose • conical hose tip	black	**N370BL-B**	**26,99**
Sinus **sliding shower set** • 655 mm sliding metal bar • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 150 cm PVC shower hose • conical hose tip	black	**N170BL-B**	**34,99**
Retro **sliding shower set** • 780 mm sliding metal bar • 1-function shower handle • stream: rain • shower handle - Ø 90 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • metal sliding mechanism	old bronze	**N160BR**	**59,99**

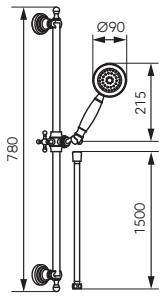








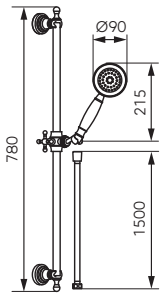




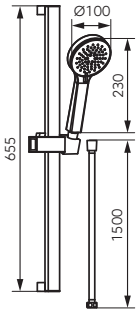
SHOWER SETS

Description	Colour	Index	EUR
Retro **sliding shower set** • 780 mm sliding metal bar • 1-function shower handle • stream: rain • shower handle - Ø 90 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip	chrome	**N160**	**49,99**
Vigo **sliding shower set** • 655 mm sliding metal bar • 3-function shower handle • streams: rain, massage, mixed • shower handle - Ø 100 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip	chrome	**N320**	**26,99**
Quadro **sliding shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 800 mm metal sliding bar • 150 cm shower hose in brass braid • shower hose with conical tip • practical shelf for cosmetics together with set	chrome	**N110**	**44,99**

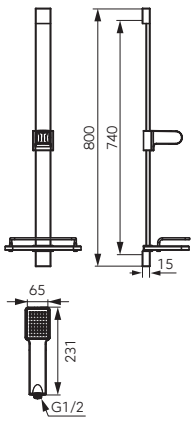






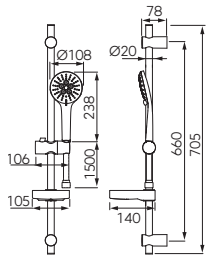




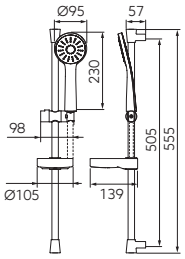


Description	Colour	Index	EUR
Nessa **sliding shower set** • 3-function shower handle • streams: rain, massage, mixed • shower handle – Ø 108 mm • Ferro Easy Clean System - easy limescale removal • 705 mm sliding metal bar • 150 cm shower hose in brass braided sleeve • cone end • transparent soap dish included with set • double-sided adjustment of bar holders - possibility of mounting in existing wall openings	chrome	N350B	32,99
Bellis **sliding shower set** • 1-function shower handle • stream: rain • shower handle – Ø 95 mm • Ferro Easy Clean System - easy limescale removal • 555 mm sliding metal bar • 150 cm shower hose in brass braid • shower hose with conical tip • transparent soap dish included with set	chrome	N180B	24,99
Tutti **sliding shower set** • 3-function shower handle • streams: rain, massage, mixed • 615 mm sliding metal bar • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in metal braid • chrome soap dish included with set	chrome	N340	16,99

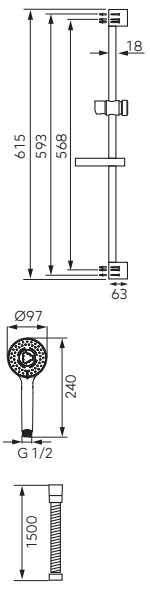




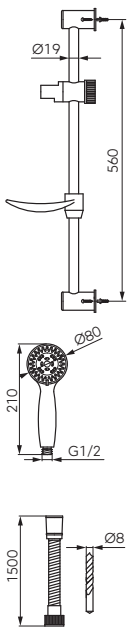
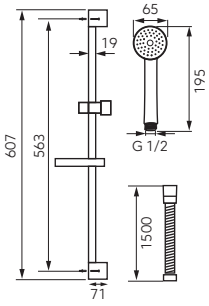
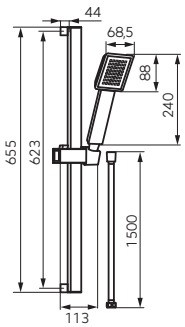






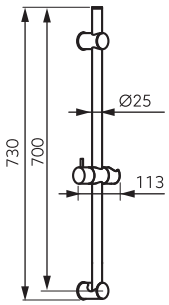


SHOWER SETS

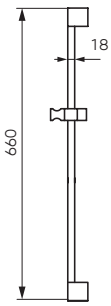
	Description	Colour	Index	EUR
 	**Evo** **sliding shower set** • 5-function shower handle • streams: rain, massage, mixed, light, mist • shower handle – Ø 80 mm • 560 mm sliding metal bar • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in metal braid • chrome soap dish included with set	chrome	**N130B**	**19,99**
 	**Simpla** **sliding shower set** • 1-function shower handle • stream: rain • 607 mm sliding metal bar • Ferro Easy Clean System - easy limescale removal • oval chrome soap dish included with set	chrome	**N120**	**16,99**
 	**Sinus** **sliding shower set** • 655 mm sliding metal bar • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • blister packing	chrome	**N170B**	**29,99**

Description	Colour	Index	EUR
Phila **sliding shower bar** • adjustable distance of the rod holder - adjustable upper holder • bar length: 730 mm • bar diameter: Ø 25 mm	chrome	SB375	14,99
RAIL sliding shower bar • bar length: 660 mm • bar diameter: Ø 18 mm		RAIL1,0	8,99
Extension kit for shower sets with integrated mixer • ideal solution for increasing shower height • total length: 20 cm • additional wall mounting included • metal bar matching shower sets with Ferro mixers • allen wrench included	chrome	ELP20-NP71	11,99
Cosmetics shelf for shower sets • sliding shelf - height adjustment on the bar • fits Ø 22 mm bars	chrome	NP-POL1	6,99

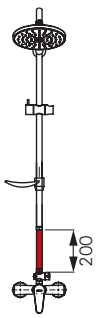






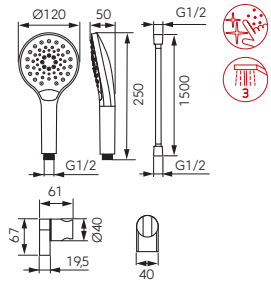
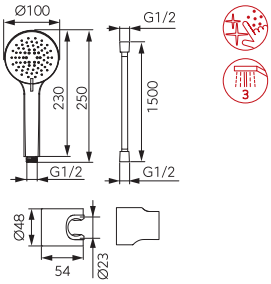
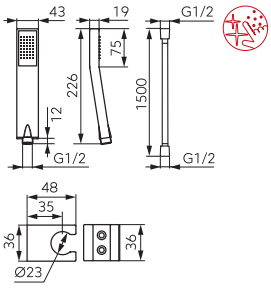
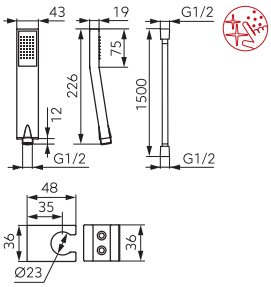
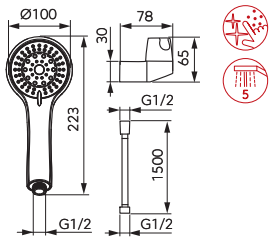
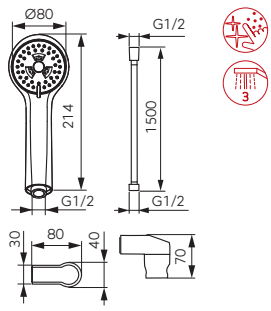


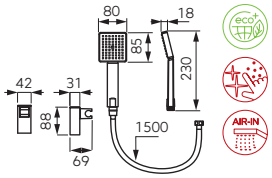
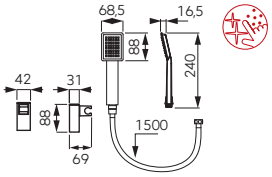
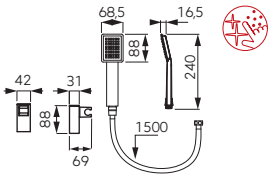
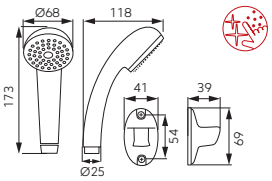
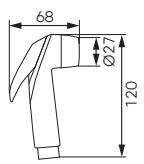




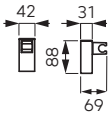
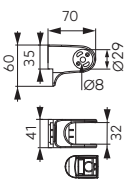


SHOWER SPOT SETS

		Description	Colour	Index	EUR
		**Mulo** **spot shower set** • shower handle with buit-in click button • 3-function shower handle • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder with adjustment of spray angle setting	chrome	U334	23,99
		**Rillo** **spot shower set** • 3-function shower handle • streams: rain, massage, mixed • Ø 100 mm • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder	bright gold	U365G	39,99
		**Jive** **spot shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder	bright gold	U155G	24,99
		**Jive** **spot shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder	gun metal	U155GM NEW	24,99
		**Sera** **spot shower set** • 5-function shower handle • streams: rain, massage, mixed, light, mist • Ø 100 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder	chrome	U500	19,99
		**Sole** **spot shower set** • 3-function shower handle • streams: rain, massage, mixed • Ø 83 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder	chrome	U300	16,99

		Description	Colour	Index	EUR
		**Amigo Verdeline** **water savings spot shower set** • 1-function shower handle • stream: rain • Ferro Air-in System - aeration of water stream • saving up to 50% of water • Ferro Easy Clean System - easy limescale removal • SILVER PVC shower hose 150 cm • rotating handle mount • blister packing	chrome	U190VL-B	16,99
		**Sinus** **spot shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in metal braid • shower hose with conical tip • single-point handle holder with adjustment of spray angle setting • blister packing	chrome	U170B	12,99
		**Sinus** **spot shower set** • 1-function shower handle • spray mode: rain • Ferro Easy Clean System - easy limescale removal • 150 cm PVC shower hose • conical hose tip • single-point handle holder with adjustment of spray angle setting • finish: black matt	black	U170BL-B	14,99
		**Promo** **spot shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder	chrome	U28B	8,99
		**Presso** **hygienic chrome shower set** • shower handle with AUTO- STOP system • G1/2 connection fits any bath/shower or washbasin mixer with an additional G1/2 connection • 125 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder	chrome	N100B	8,49

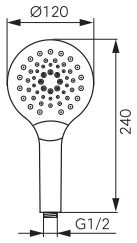
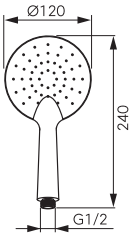
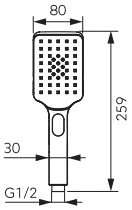
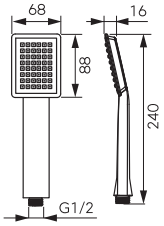
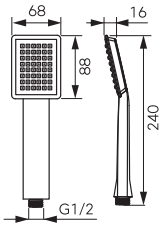
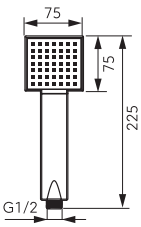
SHOWER HANDLE HOLDERS

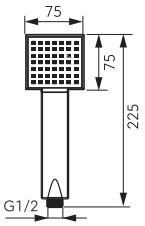
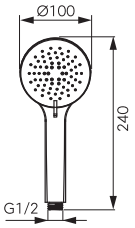
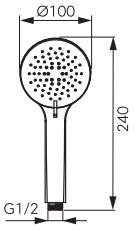
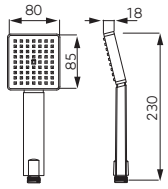
		Description	Colour	Index	EUR
		**Single-point shower handle holder** • with adjustment of spray angle setting	chrome	**U2170B**	**5,99**
		**Articulated brass shower handle**	chrome	**U33**	**8,99**
		**Single-point shower handle holder** • with adjustment of spray angle setting	chrome	**U05**	**2,49**
		**Single-point shower handle holder** • with adjustment of spray angle setting	chrome	**U03**	**2,99**
		**Single-point shower handle holder** • with adjustment of spray angle setting	chrome	**U2106**	**3,69**
		**Single-point shower handle**	chrome	**U02**	**1,99**



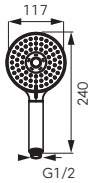
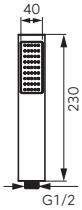
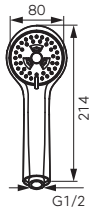
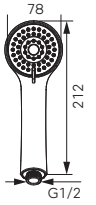
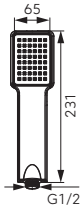
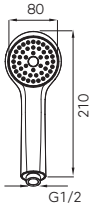
Description	Colour	Index	EUR
Single-point shower handle	chrome	**U01**	**1,89**

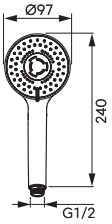
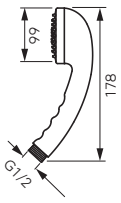
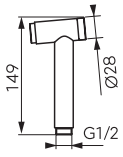
SHOWER HANDLES

		Description	Colour	Index	EUR
		**Mulo** **shower handle** • switching functions by the button • 3-function • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal	chrome	**S334CR**	**12,99**
		**Phila** **shower handle** • Auto Clean System - automatic removal of limescale from shower handle nozzles • 1-function • stream: rain • Ø: 120 mm	black	**S175BL**	**6,99**
		**Click** **shower handle** • switching functions by the button • 3-function • streams: rain, massage, mixed • Ferro Easy Clean System - easy limescale removal	chrome	**S350-B**	**11,99**
		**Sinus** **shower handle** • 1-function • stream: rain • dimensions: 68x88 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S170-B**	**7,99**
		**Sinus** **shower handle** • 1-function • stream: rain • dimensions: 68x88 mm • Ferro Easy Clean System - easy limescale removal	black	**S170BL-B**	**8,99**
		**Squerto** **shower handle** • 1-function • stream: rain • dimensions: 75x75 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S22-B**	**7,49**

		Description	Colour	Index	EUR
		**Squerto shower handle** • 1-function • stream: rain • dimensions: 75x75 mm • Ferro Easy Clean System - easy limescale removal	black	**S22BL-B**	**7,99**
		**Vigo shower handle** • 3-function • streams: rain, massage, mixed • Ø: 100 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S75-B**	**10,99**
		**Vigo shower handle** • 3-function • streams: rain, massage, mixed • Ø: 100 mm • Ferro Easy Clean System - easy limescale removal	black	**S75BL-B**	**11,99**
		**Amigo Verdeline shower handle** • 1-function • stream: rain • Ferro Air-in System - aeration of water stream • saving up to 50% of water • Ferro Easy Clean System - easy limescale removal • blister packing	chrome	**S190VL-B**	**7,99**
		**Retro shower handle** • 1-function • stream: rain • Ferro Easy Clean System - easy limescale removal	chrome	**S160**	**9,99**
		**Sera shower handle** • 5-function • streams: rain, massage, mixed, light, mist • Ø 100 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S500**	**12,99**

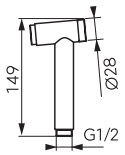
SHOWER HANDLES

		Description	Colour	Index	EUR
		**Mattino shower handle** • 3-function • streams: rain, massage, mixed • Ø 117 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S310**	**10,99**
		**Moderno shower handle** • 1-function • stream: rain • Ø 42 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S115**	**9,49**
		**Sole shower handle** • 3-function • streams: rain, light, mixed • Ø 100 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S300**	**8,99**
		**Casa shower handle** • 3-function • streams: rain, massage, mixed • Ø 78 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S305**	**9,49**
		**Quadro shower handle** • 1-function • stream: rain • Ferro Easy Clean System - easy limescale removal	chrome	**S110**	**8,99**
		**Stella shower handle** • 1-function • stream: rain • Ø 80 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S100**	**6,99**

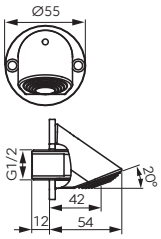
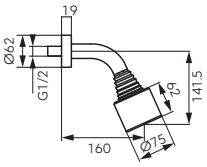
			Description	Colour	Index	EUR
			**Cortina shower handle** • 3-function • streams: rain, massage, mixed • Ø 97 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S340**	**4,99**
			**Cortina shower handle** • 3-function • streams: rain, massage, mixed • Ø: 97 mm • Ferro Easy Clean System - easy limescale removal	black	**S340BL-B**	**7,99**
			**Cortessa shower handle** • 3-function • streams: rain, massage, mixed • Ø 83 mm • Ferro Easy Clean System - easy limescale removal	chrome	**S330**	**4,49**
			**Cortessa shower handle** • 3-function • streams: rain, massage, mixed • Ø: 83 mm • Ferro Easy Clean System - easy limescale removal	black	**S330BL-B**	**7,99**
			**Milo shower handle** • 1-function • stream: rain • Ferro Easy Clean System - easy limescale removal	chrome	**S318**	**3,99**
			**Bidet shower handle** • brass shower handle with AUTO- STOP system • G1/2 connection fits any bath/shower or washbasin mixer with an additional G1/2 connection	chrome	**S66**	**19,99**

SHOWER HANDLES

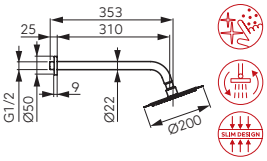
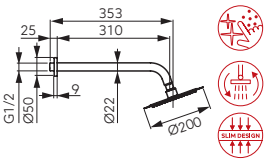
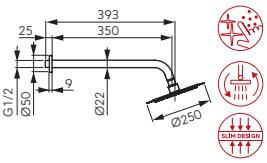
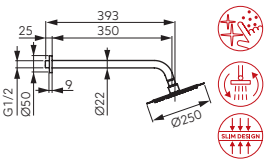
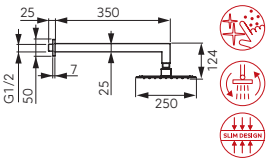
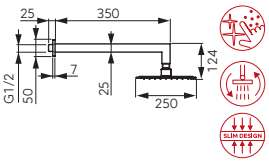


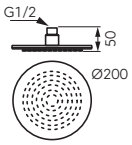
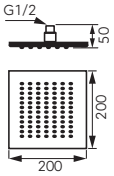
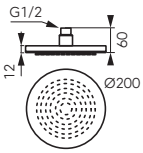
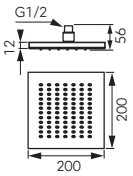
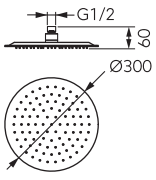
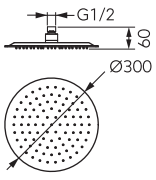


Description	Colour	Index	EUR
Bidet shower handle • brass shower handle with AUTO- STOP system • G1/2 connection fits any bath/shower or washbasin mixer with an additional G1/2 connection	black	**S66BL** NEW	**19,99**

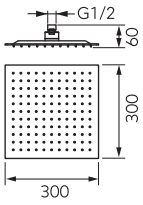
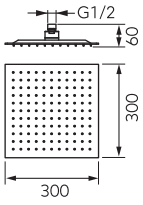
		Description	Colour	Index	EUR
		**Vandal Proof 1F shower head** • 1-function • for public space use • Vandal Proof System - protection against unauthorized dismantling • maximum flow at 3 bar dynamic pressure: ~8 l/min • G1/2 connection	chrome	**NPG04**	**59,99**
		**Shower set with 2-function head** • 2-function • Ferro Easy Clean System - easy limescale removal • shower arm with ball joint	chrome	**NPG01**	**29,99**

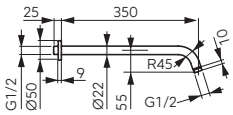
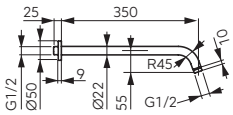
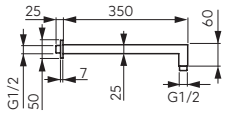
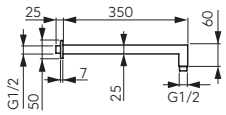
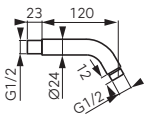
RAIN SHOWER HEADS

		Description	Colour	Index	EUR
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 200 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 310 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	chrome	NPT11	49,99
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 200 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 310 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	black	NPT11BL	54,99
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 250 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 350 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	chrome	NPT13	59,99
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 250 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 350 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	black	NPT13BL	64,99
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 250x250 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 350 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	chrome	NPT14	69,99
		**Shower set** **- arm with Slimline rain shower** • Slimline overhead shower plate 250x250 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 350 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette	black	NPT14BL	79,99

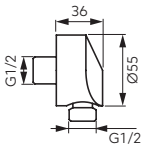
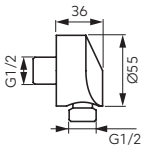
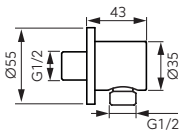
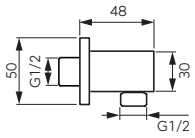
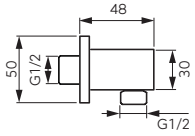
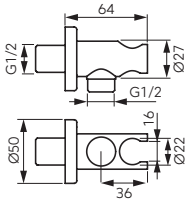
		Description	Colour	Index	EUR
		**Slim** **rain shower head 200** • Ø 200 mm • stream: rain • Ferro Easy Clean System - easy limescale removal • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	chrome	DSN03	24,99
		**Slim** **rain shower head 200x200** • dimensions: 200x200 mm • stream: rain • Ferro Easy Clean System - easy limescale removal • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	chrome	DSN04	29,99
		**Rondo** **rain shower head 200** • Ø 200 mm • stream: rain • Ferro Easy Clean System - easy limescale removal • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint	chrome	DSN01	11,99
		**Squerto** **rain shower head 200x200** • dimensions: 200 x 200 mm • stream: rain • Ferro Easy Clean System - easy limescale removal • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint	chrome	DSN02	11,99
		**Slim** **rain shower head 300** • Ø 300 mm • stream: rain • Ferro Easy Clean System - easy removal of limescale • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	chrome	DSN07	59,99
		**Slim** **rain shower head 300** • Ø 300 mm • stream: rain • Ferro Easy Clean System - easy removal of limescale • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	black	DSN07BL	64,99

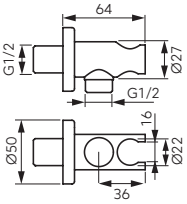
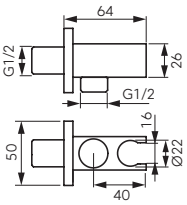
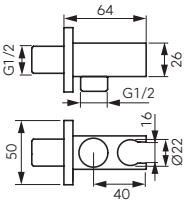
RAIN SHOWER HEADS

		Description	Colour	Index	EUR
		**Slim** **rain shower head 300x300** • dimensions: 300x300 mm • stream: rain • Ferro Easy Clean System - easy removal of limescale • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	chrome	**DSN08**	**64,99**
		**Slim** **rain shower head 300x300** • dimensions: 300x300 mm • stream: rain • Ferro Easy Clean System - easy removal of limescale • ball-joint - adjustable angle of overhead shower plate • G1/2 connection with joint • material: stainless steel	black	**DSN08BL**	**69,99**

		Description	Colour	Index	EUR
		**Shower arm for overhead shower** • L=350 mm • G1/2 connection • rosette	chrome	**RN350**	**16,99**
		**Shower arm for overhead shower** • L=350 mm • G1/2 connection • rosette	black	**RN350BL**	**17,99**
		**Square shower arm for overhead shower** • L=350 mm • G1/2 connection • rosette	chrome	**RN350K**	**24,99**
		**Square shower arm for overhead shower** • L=350 mm • G1/2 connection • rosette	black	**RN350KBL**	**26,99**
		**Shower arm for shower heads** • L = 120 mm • G1/2 connection • rosette	chrome	**RN12**	**14,99**

ANGLE CONNECTORS FOR FLUSH-MOUNTED SYSTEMS

		Description	Colour	Index	EUR
		**Angle connection for shower hose** • G1/2 connection	chrome	**PKN11**	**12,99**
		**Angle connection for shower hose** • G1/2 connection	black	**PKN11BL**	**14,99**
		**Angle connection for shower hose** • G1/2 connection • rosette	chrome	**PKN12**	**14,99**
		**Angle connection for shower hose** • G1/2 connection • rosette	chrome	**PKN13**	**16,99**
		**Angle connection for shower hose** • G1/2 connection • rosette	black	**PKN13BL**	**19,99**
		**Angle connection with holder for shower hose** • shower holder • G1/2 connection • rosette	chrome	**PKN14**	**16,99**

		Description	Colour	Index	EUR
		**Angle connection with holder for shower hose** • shower holder • G1/2 connection • rosette	black	**PKN14BL**	**14,99**
		**Angle connection with holder for shower hose** • shower holder • G1/2 connection • rosette	chrome	**PKN15**	**19,99**
		**Angle connection with holder for shower hose** • shower holder • G1/2 connection • rosette	black	**PKN15BL**	**19,99**

SHOWER HOSES

	Description	Colour	Index	EUR
	**PVC shower hose** • L=150 cm • two conical nuts	silver shine	**W41**	**12,99**
	**PVC shower hose** • L=150 cm • two conical nuts	silver	**W40**	**9,49**
	**PVC shower hose** • L=150 cm • conical nut	silver flex	**W53**	**6,49**
	**PVC shower hose** • L=150 cm • conical nut	silver duo flex	**W54**	**6,49**
	**PVC shower hose** • L=150 cm • two conical nuts	white	**W42**	**7,49**
	**PVC shower hose** • L=150 cm • two conical nuts	black	**W43**	**7,49**

	Description	Colour	Index	EUR
	**Metal braided shower hose** • L=200 cm • conical nut	chrome	**W45**	**7,49**
	**Metal braided shower hose** • L=200 cm	chrome	**W44**	**6,49**
	**Metal braided shower hose** • L-175 cm • conical nut	chrome	**W07**	**7,49**
	**Metal braided shower hose** • L=150 cm • reinforced • conical nut	chrome	**W47**	**7,29**
	**Metal braided shower hose** • L=150 cm - 200 cm • extensible • conical nut	chrome	**W05**	**6,29**
	**Metal braided shower hose** • L=150 cm • conical nut	chrome	**W12**	**5,99**

SHOWER HOSES

	Description	Colour	Index	EUR
	**Metal braided shower hose** • L=120 cm • conical nut	chrome	**W13**	**5,49**
	**Metal braided shower hose** • L=70 cm • for connecting shower sets with mixers	chrome	**W06**	**3,69**
	**Metal braided shower hose** • L=50 cm • for connecting shower sets with mixers	chrome	**W04**	**3,69**
	**Metal braided shower hose** • L=150 cm • conical nut	black	**W33**	**9,99**
	**Metal braided shower hose** • L=150 cm • conical nut	old bronze	**W34**	**9,99**
	**Metal braided shower hose** • L=150 cm • conical nut	gold	**W35**	**9,99**



ARE14 Retro toilet brush

Bathrooms accessories

Accessories are often called bathroom jewels as these small elements perfectly complement the whole interior. Made of high quality brass and transparent or matt glass, and covered with a glossy chrome coating, they wonderfully decorate the interior and facilitate everyday care.

ACCESSORIES



ANTICA
143



RETRO
145



EMOTION
147



GRETA
150



GRETA
152



SMILE
154



MEPHISTO
156

TOLILET SEATS



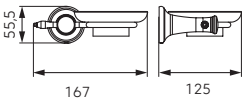
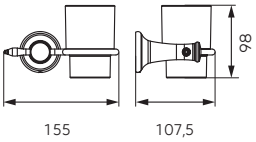
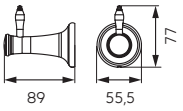
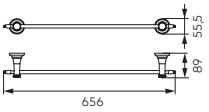
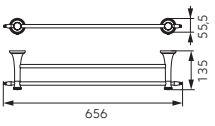
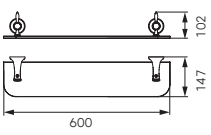
TOILET SEATS - MDF
159



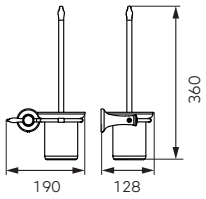
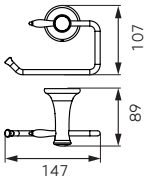
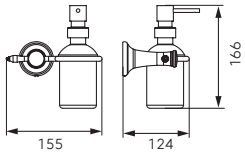
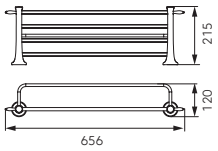
TOILET SEATS - DUROPLAST
161

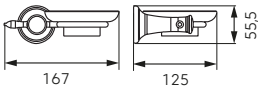
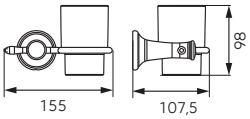
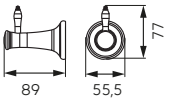
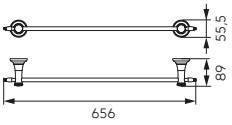
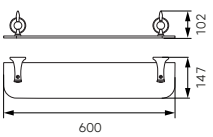


TOILET SEATS - PRINTING
162

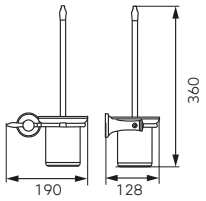
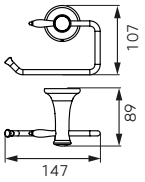
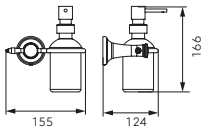
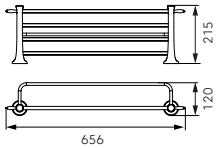
		Description	Colour	Index	EUR
		**Glass soap tray**	old bronze	**AAI02BR**	**21,99**
		**Single-cup**	old bronze	**AAI03BR**	**21,99**
		**Single hook**	old bronze	**AAI05BR**	**12,99**
		**Towel rail single** • 600 mm	old bronze	**AAI09BR**	**36,99**
		**Towel rail double** • 600 mm	old bronze	**AAI10BR**	**54,99**
		**Glass shelf**	old bronze	**AAI13BR**	**44,99**

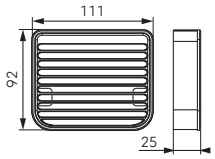
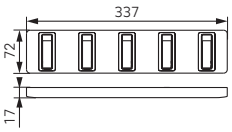
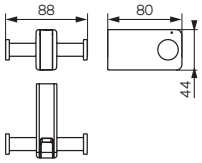
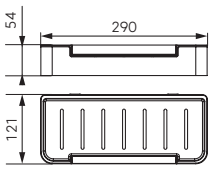
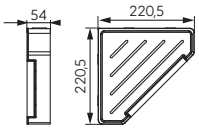
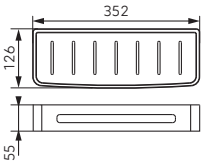
ANTICA

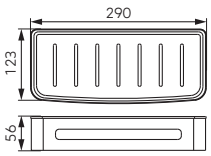
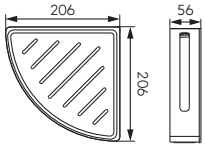
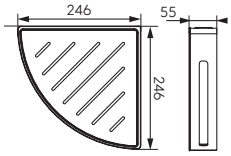
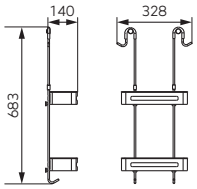
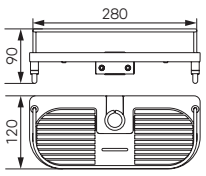
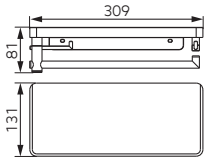
		Description	Colour	Index	EUR
		**Toilet brush**	old bronze	**AAI14BR**	**36,99**
		**Toilet paper holder**	old bronze	**AAI33BR**	**21,99**
		**Soap dispenser**	old bronze	**AAI34BR**	**29,99**
		**Towel rack with towel holder**	old bronze	**AAI35BR**	**89,99**

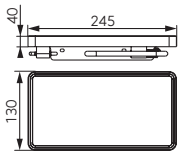
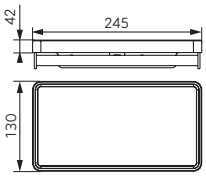
		Description	Colour	Index	EUR
		**Glass soap tray**	chrome	**ARE02**	**18,99**
		**Single-cup**	chrome	**ARE03**	**18,99**
		**Single hook**	chrome	**ARE05**	**11,99**
		**Towel rail single** • 600 mm	chrome	**ARE09**	**29,99**
		**Towel rail double** • 600 mm	chrome	**ARE10**	**44,99**
		**Glass shelf**	chrome	**ARE13**	**36,99**

RETRO

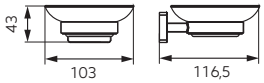
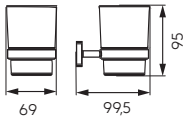
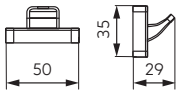
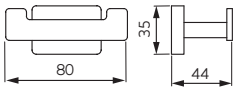
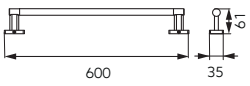
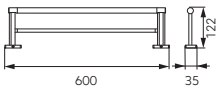
		Description	Colour	Index	EUR
		**Toilet brush**	chrome	**ARE14**	**34,99**
		**Toilet paper holder**	chrome	**ARE33**	**18,99**
		**Soap dispenser**	chrome	**ARE34**	**27,99**
		**Towel rack with towel holder**	chrome	**ARE35**	**69,99**

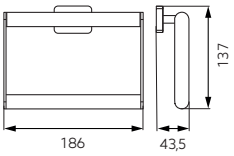
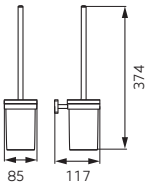
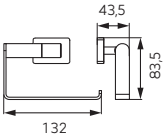
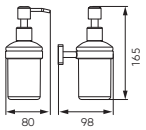
		Description	Colour	Index	EUR
		**Soap dish**	steel/white	**65548,4**	**10,99**
		**Five-hook**	steel/white	**65543,4**	**34,99**
		**Double-hook**	steel/white	**65556,4**	**14,99**
		**Shower shelf**	steel/white	**65577,4**	**34,99**
		**Shower corner shelf**	steel/white	**65578,4**	**34,99**
		**Shower shelf** • large	steel/white	**65585,4**	**32,99**

	Description	Colour	Index	EUR
 	**Shower shelf**	steel/white	**65568,4**	**29,99**
 	**Shower corner shelf**	steel/white	**65564,4**	**34,99**
 	**Shower corner shelf** • large	steel/white	**65579,4**	**32,99**
 	**Stainless steel double shelf** • hanging	steel/white	**65575,4**	**64,99**
 	**Universal shelf for sliding shower set**	steel/white	**65580,1**	**32,99**
 	**Shelf with adjustable towel rail and hook**	steel/white	**65582,1**	**59,99**

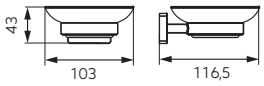
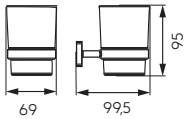
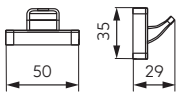
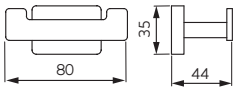
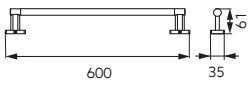
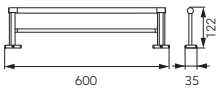
		Description	Colour	Index	EUR
		**Shelf with toilet paper holder and hook**	steel/white	**65540,1**	**29,99**
		**Shelf with double toilet paper holder**	steel/white	**65581,1**	**32,99**

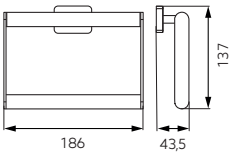
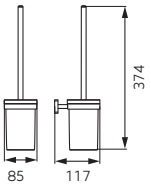
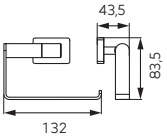
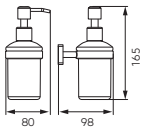
GRETA

	Description	Colour	Index	EUR
 	**Glass soap tray**	chrome	**AGR02**	**12,99**
 	**Single-cup**	chrome	**AGR03**	**12,99**
 	**Single hook**	chrome	**AGR05**	**6,49**
 	**Double hook**	chrome	**AGR06**	**9,99**
 	**Towel rail single** • 600 mm	chrome	**AGR09**	**24,99**
 	**Towel rail double** • 600 mm	chrome	**AGR10**	**34,99**

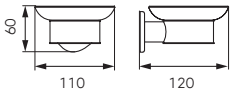
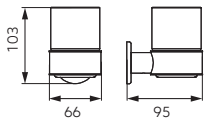
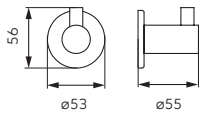
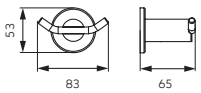
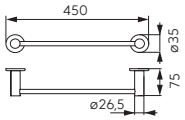
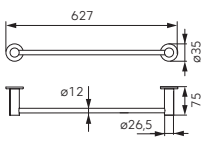
		Description	Colour	Index	EUR
		**Square towel rail**	chrome	**AGR11**	**26,99**
		**Toilet brush**	chrome	**AGR14**	**24,99**
		**Toilet paper holder**	chrome	**AGR33**	**16,99**
		**Soap dispenser**	chrome	**AGR34**	**17,99**

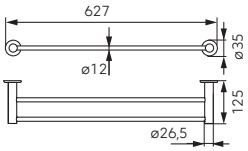
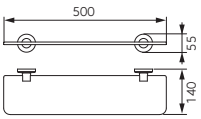
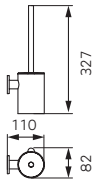
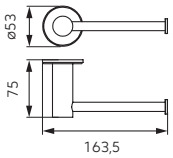
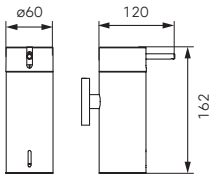
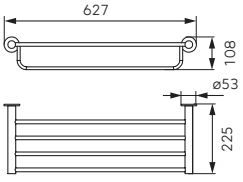
GRETA

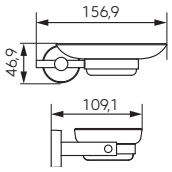
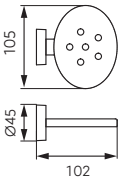
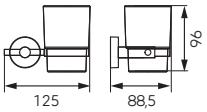
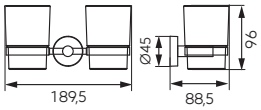
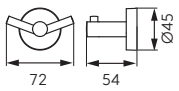
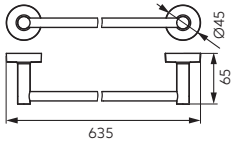
		Description	Colour	Index	EUR
		**Glass soap tray**	black	**AGR02BL**	**13,99**
		**Single-cup**	black	**AGR03BL**	**13,99**
		**Single hook**	black	**AGR05BL**	**7,99**
		**Double hook**	black	**AGR06BL**	**9,99**
		**Towel rail single** • 600 mm	black	**AGR09BL**	**26,99**
		**Towel rail double** • 600 mm	black	**AGR10BL**	**39,99**

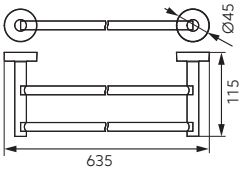
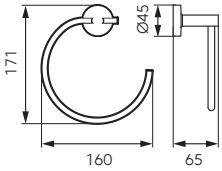
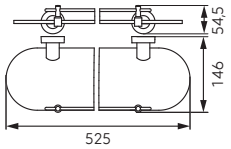
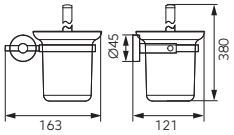
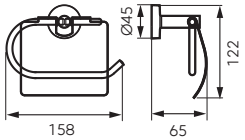
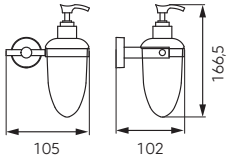
		Description	Colour	Index	EUR
		**Square towel rail**	black	**AGR11BL**	**28,99**
		**Toilet brush**	black	**AGR14BL**	**26,99**
		**Toilet paper holder**	black	**AGR33BL**	**17,99**
		**Soap dispenser**	black	**AGR34BL**	**19,99**

SMILE

		Description	Colour	Index	EUR
		**Glass soap tray** • glassware	chrome	**ASM02**	**11,99**
		**Single-cup** • length: 500 mm • glassware	chrome	**ASM03**	**11,99**
		**Single hook**	chrome	**ASM05**	**7,99**
		**Double hook**	chrome	**ASM06**	**9,99**
		**Towel rail single** • 450 mm	chrome	**ASM07**	**14,99**
		**Towel rail single** • 600 mm	chrome	**ASM09**	**17,99**

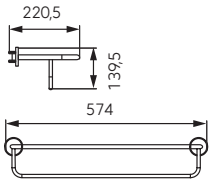
		Description	Colour	Index	EUR
		**Towel rail double** • 600 mm	chrome	**ASM10**	**18,99**
		**Glass shelf** • 500 x 140 mm	chrome	**ASM13**	**18,99**
		**Toilet brush**	chrome	**ASM14**	**16,99**
		**Toilet paper holder**	chrome	**ASM33**	**9,99**
		**Soap dispenser**	chrome	**ASM34**	**24,99**
		**Towel rack with towel holder**	chrome	**ASM35**	**34,99**

	Description	Colour	Index	EUR
 	**Glass soap tray**	chrome	**6836,0**	**7,49**
 	**Metal soap tray**	chrome	**6848,0**	**8,99**
 	**Single-cup**	chrome	**6806,0**	**9,99**
 	**Double-cup**	chrome	**6857,0**	**10,99**
 	**Double hook**	chrome	**6856,0**	**4,49**
 	**Towel rail single** • 600 mm	chrome	**6828,0**	**12,99**

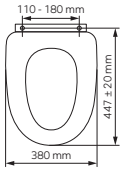
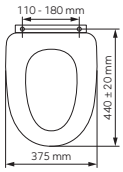
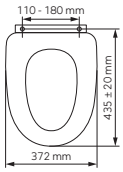
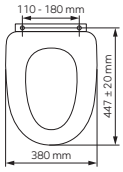
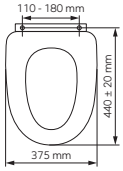
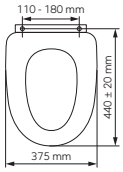
		Description	Colour	Index	EUR
		**Towel rail double** • 600 mm	chrome	**6825,0**	**19,99**
		**Round towel rail**	chrome	**6803,0**	**8,99**
		**Glass shelf**	chrome	**6853,0**	**18,99**
		**Toilet brush**	chrome	**6833,0**	**14,99**
		**Toilet paper holder**	chrome	**6838,0**	**9,49**
		**Soap dispenser**	chrome	**6855,0**	**11,99**

MEPHISTO

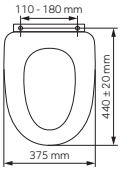
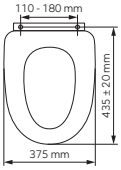
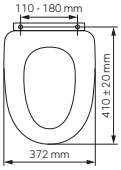
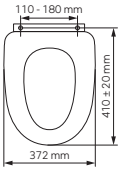
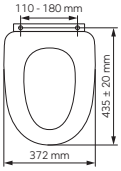
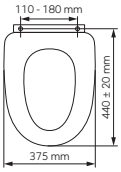


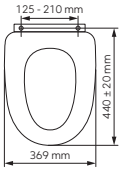
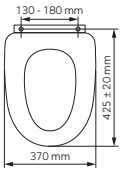
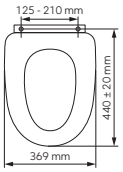
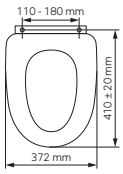
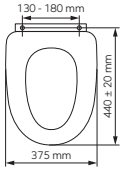
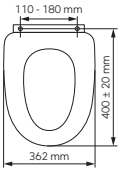


Description	Colour	Index	EUR
Towel rack with towel holder	chrome	**6845,0**	**34,99**

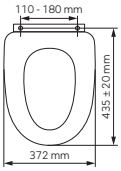
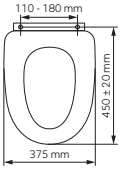
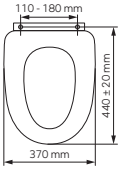
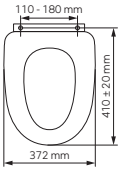
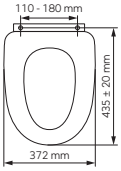
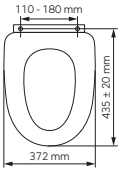
	Description	Colour	Index	EUR
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/DUBVELVET**	**34,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/BRIZA**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/JASAN**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/SOFTJASAN**	**34,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/BAMBUS**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/BOROVICE**	**25,99**

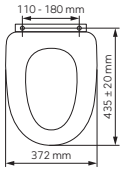
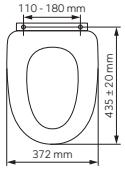
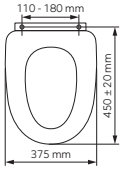
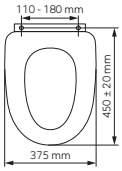
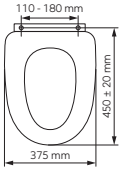
TOILET SEATS

	Description	Colour	Index	EUR
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/ORECH**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/BUK**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/ORECHLYRA**	**24,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/SOFTORECHLY**	**39,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/DUB2**	**25,99**
 	**Toilet seat** • MDF with veneer • metal-chrome hinges		**WC/WENGE**	**24,99**

	Description	Colour	Index	EUR
 	**Toilet seat** • duroplast • reinforced plastic hinges • slow-falling • antibacterial	black	**WC/BLACK**	**37,99**
 	**Toilet seat** • duroplast white • plastic hinges	white	**WC/UNIVERSAL**	**19,99**
	**Toilet seat** • duroplast • reinforced plastic hinges • slow-falling	white	**WC/SOFTNEW**	**23,43**
 	**Toilet seat** • MDF white • metal-chrome hinges • slow-falling	white	**WC/SOFTMUSLELY**	**34,99**
 	**Toilet seat** • MDF white • metal-chrome hinges • slow-falling	white	**WC/SOFTMDF**	**39,99**
 	**Toilet seat** • MDF white • metal-chrome hinges • slow-falling	white	**WC/SOFTLYRA**	**34,99**

TOILET SEATS

		Description	Colour	Index	EUR
		**Toilet seat** • MDF white • metal-chrome hinges	white	**WC/BILA**	**19,99**
		**Toilet seat** • MDF white • metal-chrome hinges	white	**WC/BILAMDF**	**24,99**
		**Toilet seat** • MDF white • metal-chrome hinges	white	**WC/PROVENCE**	**24,99**
		**Toilet seat** • MDF white • metal-chrome hinges	white	**WC/MUSLELYRA**	**20,99**
		**Toilet seat** • MDF with printing • metal-chrome hinges • slow-falling	printing	**WC/SOFTSTONE2**	**39,99**
		**Toilet seat** • MDF with printing • metal-chrome hinges • slow-falling	printing	**WC/SOFTSTONE1**	**39,99**

		Description	Colour	Index	EUR
		**Toilet seat** • MDF with printing • metal-chrome hinges	printing	**WC/SOFT3D**	**39,99**
		**Toilet seat** • duroplast white • hardened plastic hinges	printing	**WC/SOFTNATURE**	**34,99**
		**Toilet seat** • MDF with printing • metal-chrome hinges	printing	**WC/DELFIN**	**34,99**
		**Toilet seat** • MDF with printing • metal-chrome hinges	printing	**WC/STENATA**	**34,99**
		**Toilet seat** • MDF with printing • metal-chrome hinges	printing	**WC/MEDVEDI**	**34,99**

Accessories and spare parts

Today's customer is demanding, attaches great importance not only to the appearance of mixers or shower sets. Various details, which are an important part of bathroom fittings, are also becoming important. Accessories such as traps, drain plugs or spouts should therefore not only be functional, robust, but also aesthetically finished. Often placed in a visible place, they provide comfort to the user and emphasize the beauty of the whole arrangement in its smallest detail.

ACCESSORIES



LINEAR DRAINS
165



SIPHONS
168



DRAIN VALVES
170



ANGLE VALVES
174

Description	Colour	Index	EUR
Super Slim Pro • linear drain • throughput up to 48 l/min • connection Ø40 mm • waterproofing collar • integrated steel siphon with inspection hole • inspection plug - easy access to siphon • building height: 49 mm • outflow width: 45 mm			
A [mm]			
600	black	**OLSP1-60-BL**	**189,99**
700	black	**OLSP1-70-BL**	**179,99**
800	black	**OLSP1-80-BL**	**199,99**

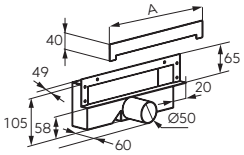


Description	Colour	Index	EUR
Super Slim Pro • linear drain • throughput up to 48 l/min • connection Ø40 mm • waterproofing collar • integrated steel siphon with inspection hole • inspection plug - easy access to siphon • building height: 49 mm • outflow width: 45 mm			
A [mm]			
600	stainless steel	**OLSP1-60**	**159,99**
700	stainless steel	**OLSP1-70**	**189,99**
800	stainless steel	**OLSP1-80**	**169,99**



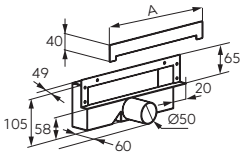
Description	Colour	Index	EUR
Wall Slim • wall drain 30 cm • throughput up to 45 l/min • connection: Ø50 mm • low installation depth: 58 mm • integrated steel siphon with inspection hole • inspection plug - easy access to siphon • waterproofing collar			
A [mm]			
300	black	**OLWS1-BL**	**159,99**

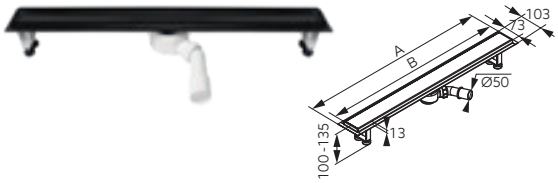




Description	Colour	Index	EUR
Wall Slim • wall drain 30 cm • throughput up to 45 l/min • connection: Ø50 mm • low installation depth: 58 mm • integrated steel siphon with inspection hole • inspection plug - easy access to siphon • waterproofing collar • polished cover			
A [mm]			
300	stainless steel	**OLWS1**	**149,99**



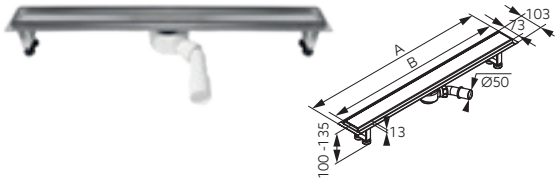




Linear drain installed under floor tiles

- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- dilatations

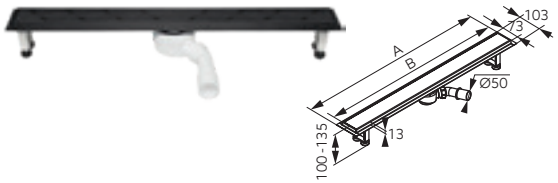
A [mm]	B [mm]			
730	700	black	**OLP1-70-BL**	**109,99**
800	800	black	**OLP1-80-BL**	**109,99**



Linear drain installed under floor tiles

- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- manually polished
- dilatations

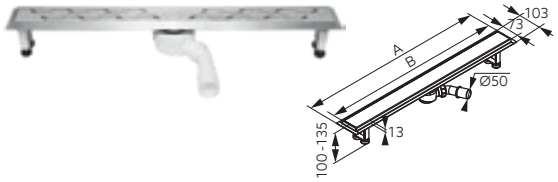
A [mm]	B [mm]			
730	700	stainless steel	**OLP1-70**	**99,99**
830	800	stainless steel	**OLP1-80**	**89,99**



Linear drain

- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- dilatations

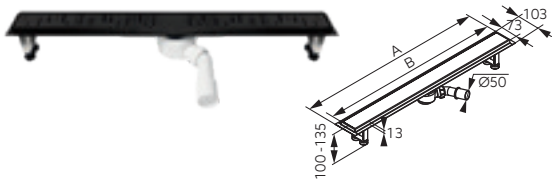
A [mm]	B [mm]			
730	700	black	**OL70-BL**	**99,99**
830	800	black	**OL80-BL**	**99,99**



Linear drain

- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- manually polished
- dilatations

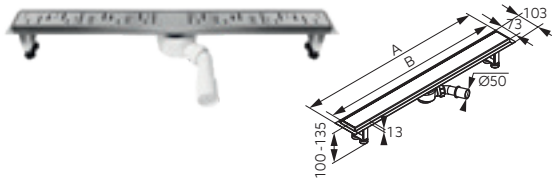
A [mm]	B [mm]			
730	700	stainless steel	**OL70**	**89,99**
830	800	stainless steel	**OL80**	**89,99**



Ora

- linear drain
- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- dilatations

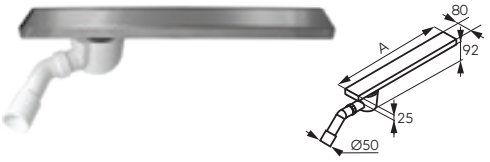
A [mm]	B [mm]			
730	700	black	**OL1-70-BL**	**99,99**
830	800	black	**OL1-80-BL**	**109,99**



Ora

- linear drain
- throughput: 54 l/min
- adjustable legs
- waterproofing collar
- manually polished
- dilatations

A [mm]	B [mm]			
730	700	stainless steel	**OL1-70**	**89,99**
830	800	stainless steel	**OL1-80**	**99,99**

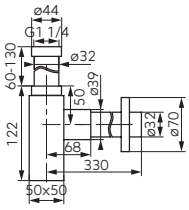
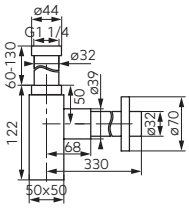
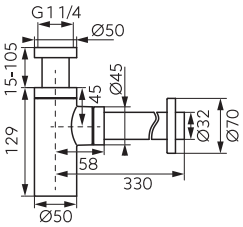
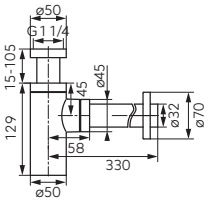
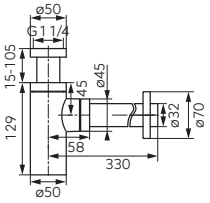
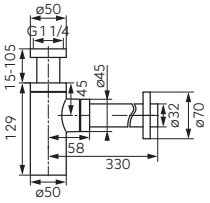


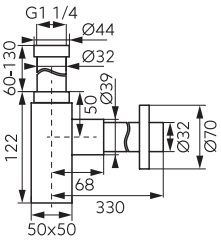
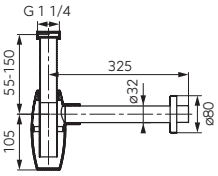
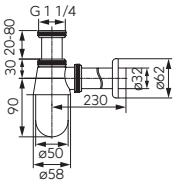
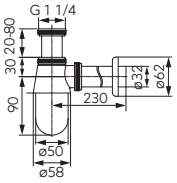
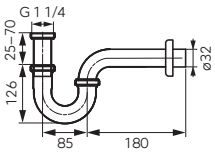
Easy New

- linear drain
- throughput up to 33 l/min
- connection: Ø50 mm
- siphon with access plug included
- waterproofing collar

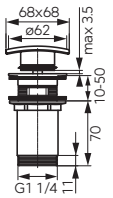
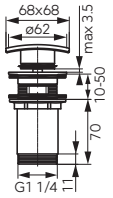
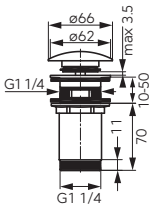
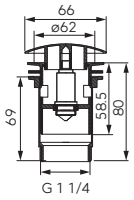
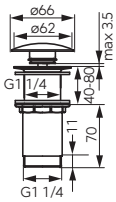
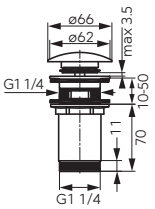
A [mm]			
600	stainless steel	**OLE1-60**	**89,99**
700	stainless steel	**OLE1-70**	**99,99**

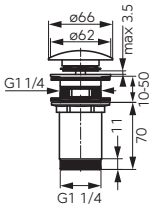
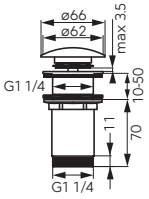
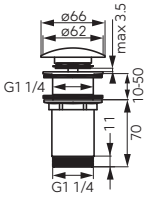
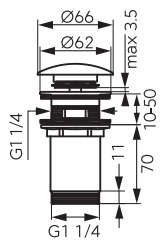
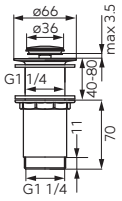
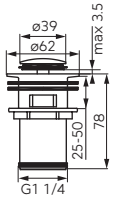
SIPHONS

		Description	Colour	Index	EUR
		**Quadro bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 300 mm • rosette	chrome	**S280**	**39,99**
		**Quadro bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 300 mm • rosette	black	**S280-BL**	**54,99**
		**Quadro bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 300 mm • rosette	gold	**S280G**	**49,99**
		**Bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	brushed nickel	**S282NC**	**34,99**
		**Bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	chrome	**S282**	**26,99**
		**Bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	black	**S282-BL**	**39,99**

		Description	Colour	Index	EUR
		**Bottle siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	gold	**S282G**	**39,99**
		**Oval siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 320 mm • rosette	chrome	**S286**	**34,99**
		**Universal brass bottle trap**	chrome	**S30**	**16,99**
		**Universal brass bottle trap**	black	**S30-BL**	**24,99**
		**Pipe siphon** • G1 1/4 x 32 mm • outlet pipe adjustable up to 180 mm rosette	chrome	**S281**	**14,99**

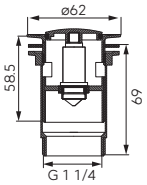
DRAIN VALVES

Description	Colour	Index	EUR
  **Quadro drain valve G5/4** • for washbasins with overflow • brass			
Packaging			
box	chrome	**S284**	**16,99**
blister	chrome	**S284-B**	**14,99**
  **Quadro drain valve G5/4** • for washbasins with overflow • brass • packaging: blister	black	**S284-BL-B**	**19,99**
  **Rotondo drain valve G5/4** • for washbasins with overflow • brass • packaging: box	old bronze	**S285BR**	**17,99**
  **Rotondo drain valve G5/4** • for washbasins with overflow • brass • packaging: blister		**S285NC-B**	**16,99**
  **Tall drain valve G5/4** • for countertop washbasins without overflow • brass			
Packaging			
box	chrome	**S285-WBP**	**14,99**
blister	chrome	**S285-WBP-B**	**14,99**
  **Rotondo drain valve G5/4** • for washbasins with overflow • brass			
Packaging			
box	chrome	**S285**	**13,99**
blister	chrome	**S285-B**	**13,99**

	Description	Colour	Index	EUR
 	**Rotondo drain valve G5/4** • for washbasins with overflow • brass • packaging: blister	black	**S285-BL-B**	**16,99**
 	**Rotondo drain valve G5/4** • for washbasins without overflow • brass			
	Packaging			
	box	chrome	**S285B**	**13,99**
	blister	chrome	**S285B-B**	**13,99**
 	**Rotondo drain valve G5/4** • for washbasins without overflow • brass • packaging: blister	black	**S285B-BL-B**	**16,99**
 	**Rotondo drain valve G5/4** • for washbasins with overflow • brass • packaging: box	gold	**S285G**	**16,99**
 	**Tall drain valve G5/4** • for countertop washbasins without overflow • brass			
	Packaging			
	box	chrome	**S283-WBP**	**12,99**
	blister	chrome	**S283-WBP-B**	**13,49**
 	**Drain valve G5/4** • for washbasins with overflow • brass			
	Packaging			
	box	chrome	**S283**	**10,99**
	blister	chrome	**S283-B**	**10,99**

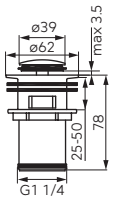
DRAIN VALVES





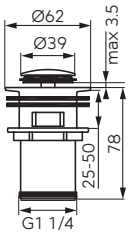
Description	Colour	Index	EUR
Drain valve G5/4 • for washbasins with overflow • brass • packaging: box	brushed nickel	**S283NC**	**12,99**





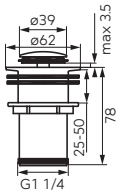
Description	Colour	Index	EUR
Drain valve G5/4 • for washbasins with overflow • brass • packaging: blister	black	**S283-BL-B**	**14,99**





Description	Colour	Index	EUR
Drain valve G5/4 • for washbasins with overflow • brass • packaging: box	gold	**S283G**	**14,99**

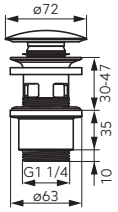




Universal closed drain valve G5/4
- without overflow
- brass

Packaging			
box	chrome	**S283B**	**10,99**
blister	chrome	**S283B-B**	**10,99**

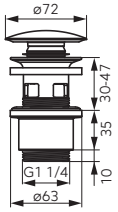




Drain valve G5/4
- black ceramic plug
- for washbasins with overflow
- made of durable polypropylene

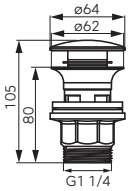
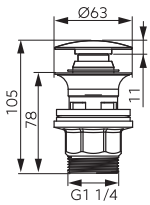
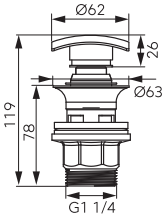
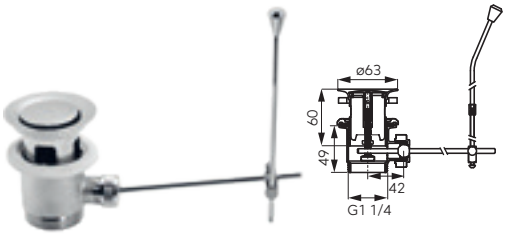
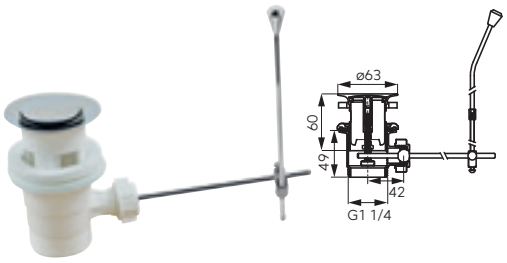
Packaging			
box	black	**S288PPCB**	**9,99**
blister	black	**S288PPCB-B**	**9,99**





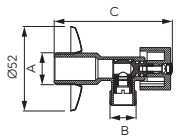
Drain valve G5/4
- white ceramic plug
- for washbasins with overflow
- made of durable polypropylene

Packaging			
box	white	**S288PPC**	**9,99**
blister	white	**S288PPC-B**	**9,99**

	Description	Colour	Index	EUR
 	**Drain valve G5/4** • for washbasins with overflow • made of durable polypropylene • packaging: blister	chrome	**S287PP-B**	**4,99**
 	**Drain valve G5/4** • black metal plug • for washbasins with overflow • made of durable polypropylene • packaging: blister	black	**S289BL-B**	**4,99**
 	**Drain valve G5/4** • black metal plug • for washbasins with overflow • made of durable polypropylene • packaging: blister	black	**S290BL-B**	**5,99**
	**Automatic washbasin plug G5/4** • brass	chrome	**K39**	**12,99**
	**Automatic washbasin plug G5/4** • made of plastic with a brass string	chrome	**K39TW**	**1,99**

ANGLE VALVES





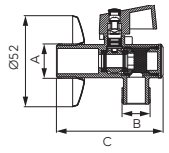
Description

Ball valve with rosette and metal knob

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	75,2	1/2"x3/8"	Z1238K	3,19
G1/2	G1/2	75,2	1/2"x1/2"	Z1212K	3,19
G1/2	G3/4	75,2	1/2"x3/4"	Z1234K	3,49



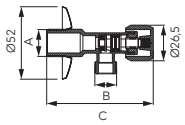


Ball valve with filter with rosette and metal knob

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	63	1/2"x3/8"	Z1238KF	3,99
G1/2	G1/2	63	1/2"x1/2"	Z1212KF	3,89
G1/2	G3/4	63	1/2"x3/4"	Z1234KF	3,99



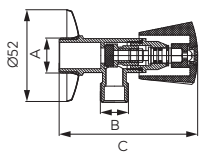


Mushroom valve with rosette and metal knob

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	78,5	1/2"x3/8"	Z1238G	3,69
G1/2	G1/2	78,5	1/2"x1/2"	Z1212G	3,69
G1/2	G3/4	78,5	1/2"x3/4"	Z1234G	3,69





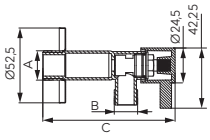
Mushroom valve

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	81,5	1/2"x3/8" with coupling for copper pipe Ø10 mm	Z240	4,49
G1/2	G1/2	81,5	1/2"x1/2"	Z220	3,99
G1/2	G3/4	81,5	1/2"x3/4"	Z230	4,29

Description



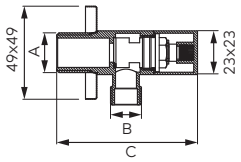


Angle valve with ceramic head

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	98	1/2"x3/8"	Z1238C	5,49
G1/2	G1/2	98	1/2"x1/2"	Z1212C	5,49
G1/2	G3/4	98	1/2"x3/4"	Z1234C	5,69



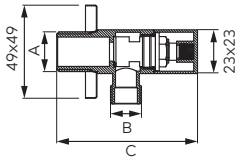


Angle valve with ceramic head and rosette

- ceramic head
- no contact of flowing water with paint finish
- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- finish: black matt

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	74,5	1/2"x3/8"	Z293-BL	10,99
G1/2	G1/2	74,5	1/2"x1/2"	Z294-BL	10,99



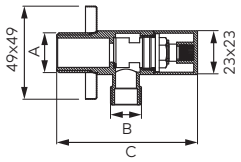


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 90 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	74,5	1/2"x3/8"	Z293	8,99
G1/2	G1/2	74,5	1/2"x1/2"	Z294	8,99





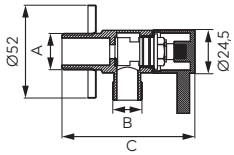
Angle valve with ceramic head and rosette

- ceramic head
- no contact of flowing water with paint finish
- the valve body doesn't scratch the rosette during installation
- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- finish: gold, PVD coating

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	75	1/2"x3/8"	Z293-G	10,99
G1/2	G1/2	75	1/2"x1/2"	Z294-G	10,99

ANGLE VALVES





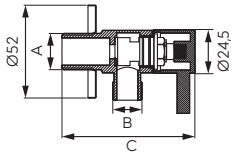
Description

Angle valve with ceramic head and rosette

- ceramic head
- no contact of flowing water with paint finish
- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- finish: black matt

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	75	1/2"x3/8"	Z295-BL	9,49
G1/2	G1/2	75	1/2"x1/2"	Z296-BL	9,49



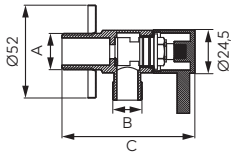


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 90 °C

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	75,3	1/2"x3/8"	Z295	6,99
G1/2	G1/2	75,3	1/2"x1/2"	Z296	6,99



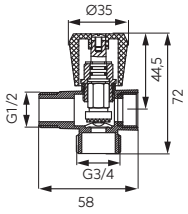


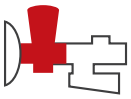
Angle valve with ceramic head and rosette

- ceramic head
- no contact of flowing water with paint finish
- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- finish: gold, PVD coating

A	B	C [mm]	connection dimensions	Index	EUR
G1/2	G3/8	75	1/2"x3/8"	Z295-G	9,49
G1/2	G1/2	75	1/2"x1/2"	Z296-G	9,49



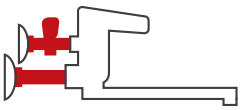
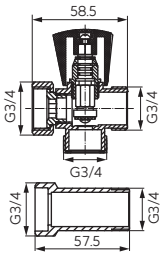




3-way poppet valve

- for connecting a washing machine or dishwasher with existing corner valve
- 1/2 FT connection for flat seal
- nominal pressure: 1.0 MPa (10 bar)
- maximum working temperature: 100°C

		connection dimensions	Index	EUR
G1/2	G3/4	1/2"x3/4"	CF3019A	5,99

	Description		
  	**Washing machine connection valve** • with 3/4 extension • nominal pressure: 1.0 MPa (10 bar) • maximum working temperature: 100°C	**Z250**	**9,99**


Miele



Standing kitchen mixers

The trendy, modern design of the mixer, combined with functional amenities to ensure comfort during everyday use, a wide range of designs and styles allows you to choose the right model for every kitchen. Ferro's offer also includes retro style mixers designed for classically decorated interiors.

CHROME



FILTRATA
184



CUMULUS
184



ZUMBA
185



ZUMBA SLIM 2F
187



ZUMBA II
188



TOLEDO
190



ALGEO SQUARE
190



ALGEO
190



VASTO
191



SMILE
191



RETRO NEW
193



RETRO
193



STANDARD
193

LOW PRESURE MIXERS



LUGIO
196



RATIO
196



ZUMBA
196

BLACK



LUGIO
189



RATIO
189



ZUMBA NERO
184

GUN METAL



ZUMBA GUN METAL
184

WHITE-CHROME



ADORE
190

GRANIT GRAPHITE



FREYA
193

GRANIT SANDY



FREYA
193



LIBRETTO
189



LUGIO
189



MAESTRO
189



RATIO
189



SONATA
190



RITTO
192



FERRO ONE
192



SAVIO
192



ISSO
192



BASIC
192

STAINLESS STEEL



ZUMBA INOX
185



ZUMBA INOX
185



CAMIRA INOX
188



CAMIRO INOX
188

OLD BRONZE



ANTICA
193

List of functions

Ferro kitchen mixers are equipped with practical solutions that provide plenty of space for free use of the mixer, guarantee comfortable washing up and even filling of dishes placed outside the sink with water. When you choose Ferro kitchen mixers, you choose a great deal of comfort during your daily kitchen work.

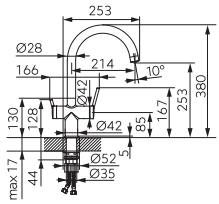
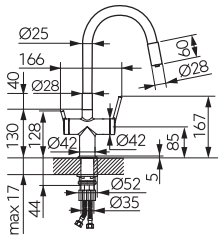
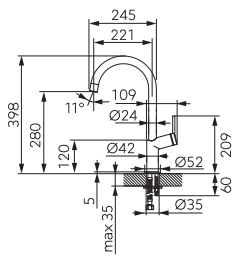
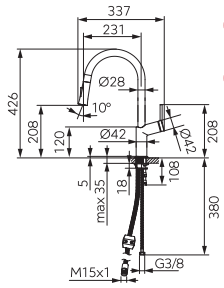
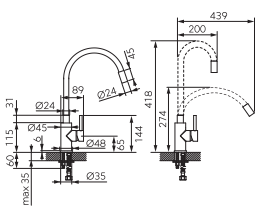
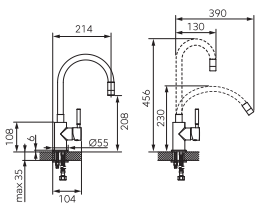
KITCHEN FITTINGS								
Page number	**Series name**	Cold Start	rotational spout	pull-out spout	flexible spout	foldable spout	spray/jet	pull-out handle
184	Filtrata		●		●			
184	Cumulus		●	●			●	
184	Zumba Gun Metal		●		●			
184	Zumba Nero		●		●			
185	Zumba Inox		●		●			
185	Zumba		●		●			
187	Zumba Slim 2F		●		●		●	
188	Zumba II		●		●		●	
188	Camira		●					
188	Camiro		●					
189	Libretto		●	●			●	
189	Lugio		●					
189	Maestro	●	●	●				
189	Ratio		●					
190	Sonata	●	●	●				
190	Toledo		●	●		●		
190	Adore		●					
190	Algeo Square		●					
190	Algeo		●				●	●
191	Vasto		●				●	●
191	Smile		●					
192	Ritto		●					
192	Ferro One		●					
192	Savio		●					
192	Isso		●					
192	Basic		●					
193	Antica		●					
193	Retro New		●					
193	Retro		●					
193	Standard		●					
193	Freya		●				●	●

Colour combinations

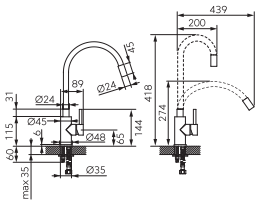
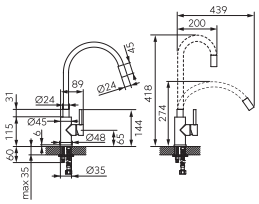
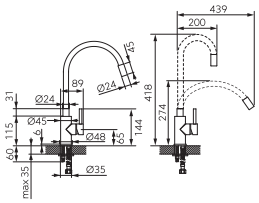
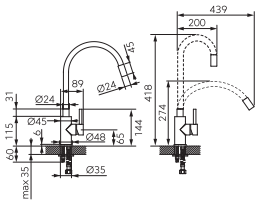
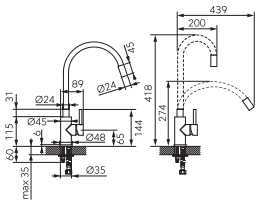
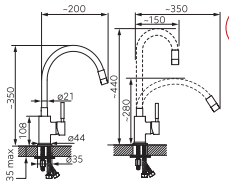
The elegant appearance of the mixer emphasizes both its attractive design and impressive surfaces. The colour scheme of the product can enliven or brighten up the kitchen arrangement, or blend in perfectly with the interior design.

KITCHEN FITTINGS										
Page number	**Series name**	chrome	steel	brushed gold	black-chrome	black	gun metal	white-chrome	granite	old bronze
184	Filtrata	●								
184	Cumulus	●								
184	Zumba Gun Metal						●			
184	Zumba Nero					●				
185	Zumba Inox		●	●						
185	Zumba	●								
187	Zumba Slim 2 F	●								
188	Zumba II	●								
188	Camira		●							
188	Camiro		●							
189	Libretto	●								
189	Lugio	●				●				
189	Maestro	●								
189	Ratio	●				●				
190	Sonata	●								
190	Toledo	●								
190	Adore							●		
190	Algeo Square	●			●					
190	Algeo	●				●				
191	Vasto	●								
191	Smile	●								
192	Ritto	●								
192	Ferro One	●								
192	Savio	●								
192	Isso	●								
192	Basic	●								
193	Antica									●
193	Retro New	●								
193	Retro	●								
193	Standard	●								
193	Freya								●	

STANDING KITCHEN MIXERS

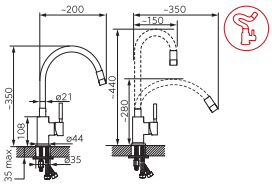
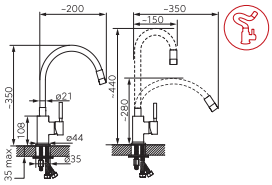
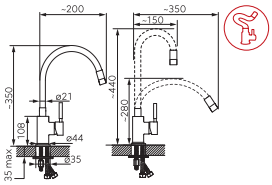
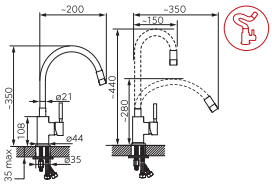
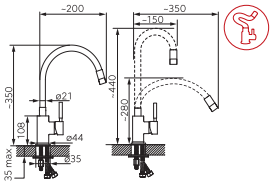
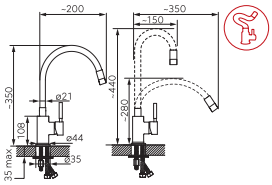
	Description	Colour	Index	EUR
 	**Filtrata** **standing sink mixer for filtered water** • ceramic cartridge • single hole assembly • two-way flow regulator • swivel spout • flexible connections G3/8 - M10x1 • suitable for all common filter types	chrome	**BFT41** **NEW**	**99,99**
 	**Filtrata** **standing sink mixer with flexible spout for filtered water** • ceramic cartridge • single hole assembly • two-way flow regulator • black flexible spout • possibility to freely shape the spout • flexible connections G3/8 - M10x1 • suitable for all common filter types	chrome	**BFT41B** **NEW**	**109,99**
 	**Cumulus** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BCU4**	**74,99**
 	**Cumulus** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic switch – aerated stream/spray • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	chrome	**BCU8**	**119,99**
 	**Zumba Gun Metal** **standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	gun metal	**BZA4BSSGM** **NEW**	**54,99**
 	**Zumba Nero** **standing sink mixer with flexible spout** • all visible elements in black colour • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 130 mm to 390 mm • spout height from 230 mm to 456 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	black	**BZA4BLB**	**52,99**

Replacement flexible spout dedicated to Zumba mixers - pages 230-231

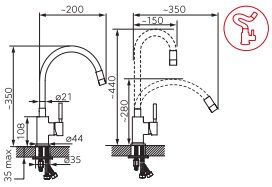
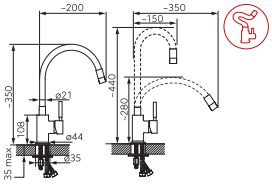
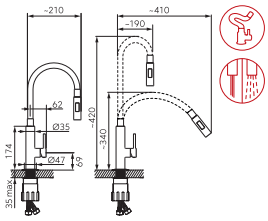
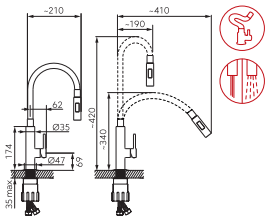
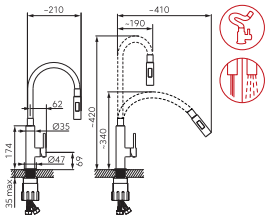
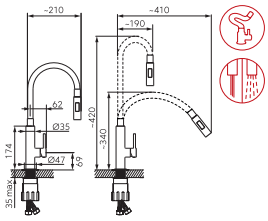
		Description	Colour	Index	EUR
		**Zumba Inox standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	brushed gold	**BZA4BSSG**	**52,99**
		**Zumba Inox standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	stainless steel	**BZA4BSS**	**39,99**
		**Zumba Inox standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • beige flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	stainless steel	**BZA4PSS**	**39,99**
		**Zumba Inox standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • silver flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	stainless steel	**BZA4SSS**	**39,99**
		**Zumba Inox standing sink mixer with flexible spout** • stainless steel body and handle • ceramic cartridge • single hole assembly • white flexible spout • possibility to freely shape the spout • extension of spout from 200 mm to 439 mm • spout height from 274 mm to 418 mm • M22x1 flow regulator • flexible connections G3/8 – M10x1	stainless steel	**BZA4WSS**	**39,99**
		**Zumba standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4B**	**42,99**

Replacement flexible spout dedicated to Zumba mixers - pages 230-231

STANDING KITCHEN MIXERS

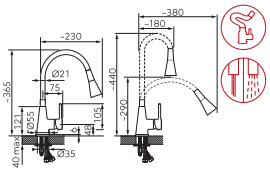
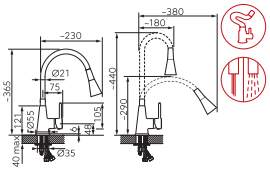
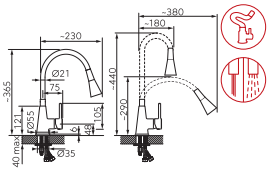
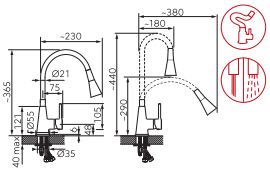
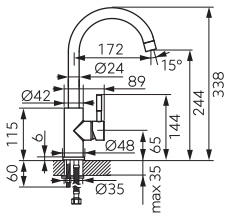
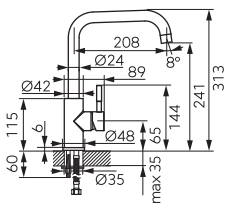
		Description	Colour	Index	EUR
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • yellow flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4C**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • green flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4G**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • silver flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4S**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • white flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4W**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • beige flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4P**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • mint flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4M**	**42,99**

Replacement flexible spout dedicated to Zumba mixers - pages 230-231

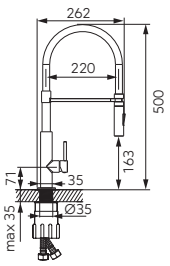
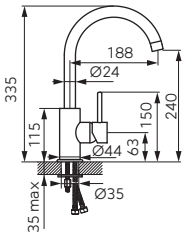
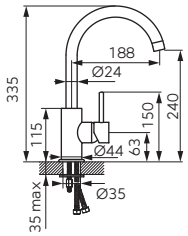
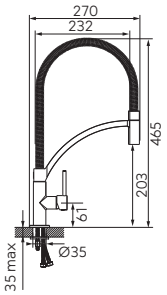
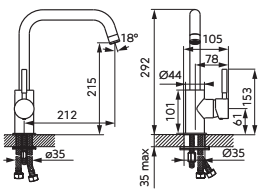
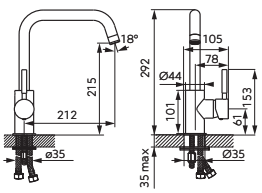
		Description	Colour	Index	EUR
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • red flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4R**	**42,99**
		**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • blue flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1	chrome	**BZA4L**	**42,99**
		**Zumba Slim 2F** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 19 cm to 41 cm • spout height from 34 cm to 42 cm • M24x1 flow regulator • flexible connector G3/8 - M8x1	chrome	**BZA43B**	**72,99**
		**Zumba Slim 2F** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • beige flexible spout • possibility to freely shape the spout • extension of spout from 19 cm to 41 cm • spout height from 34 cm to 42 cm • M24x1 flow regulator • flexible connector G3/8 - M8x1	chrome	**BZA43P**	**72,99**
		**Zumba Slim 2F** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • silver flexible spout • possibility to freely shape the spout • extension of spout from 19 cm to 41 cm • spout height from 34 cm to 42 cm • M24x1 flow regulator • flexible connector G3/8 - M8x1	chrome	**BZA43S**	**72,99**
		**Zumba Slim 2F** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • white flexible spout • possibility to freely shape the spout • extension of spout from 19 cm to 41 cm • spout height from 34 cm to 42 cm • M24x1 flow regulator • flexible connector G3/8 - M8x1	chrome	**BZA43W**	**72,99**

Replacement flexible spout dedicated to Zumba mixers - pages 230-231

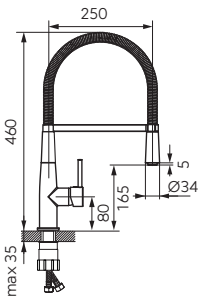
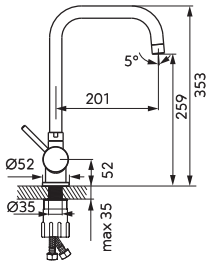
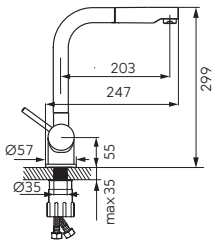
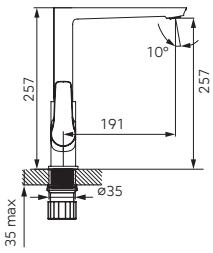
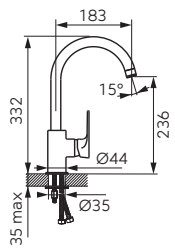
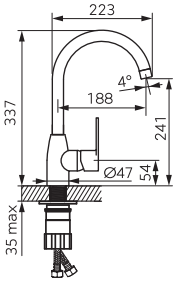
STANDING KITCHEN MIXERS

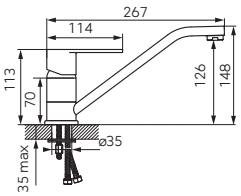
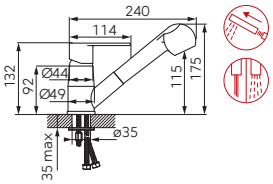
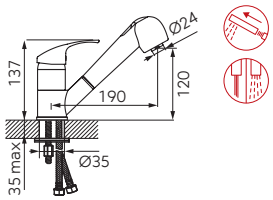
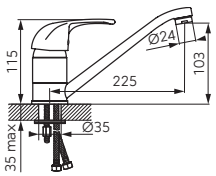
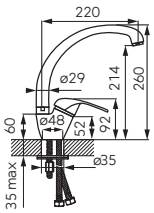
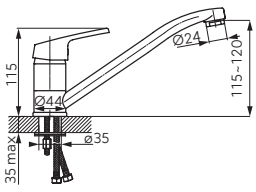
		Description	Colour	Index	EUR
		**Zumba II** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • black flexible spout • possibility to freely shape the spout • extension of spout from 18 cm to 38 cm • spout height from 29 cm to 44 cm • M24x1 flow regulator • flexible connector G3/8 – M10x1	chrome	**BZA42B**	**47,99**
		**Zumba II** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • silver flexible spout • possibility to freely shape the spout • extension of spout from 18 cm to 38 cm • spout height from 29 cm to 44 cm • M24x1 flow regulator • flexible connector G3/8 – M10x1	chrome	**BZA42S**	**47,99**
		**Zumba II** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • white flexible spout • possibility to freely shape the spout • extension of spout from 18 cm to 38 cm • spout height from 29 cm to 44 cm • M24x1 flow regulator • flexible connector G3/8 – M10x1	chrome	**BZA42W**	**47,99**
		**Zumba II** **standing sink mixer with flexible spout** • 2 jet functions • ceramic cartridge • single-hole assembly • beige flexible spout • possibility to freely shape the spout • extension of spout from 18 cm to 38 cm • spout height from 29 cm to 44 cm • M24x1 flow regulator • flexible connector G3/8 – M10x1	chrome	**BZA42P**	**47,99**
		**Camira Inox** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	stainless steel	**BCR4**	**29,99**
		**Camiro Inox** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	stainless steel	**BCQ4**	**31,99**

Replacement flexible spout dedicated to Zumba mixers - pages 230-231

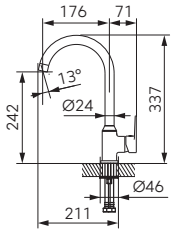
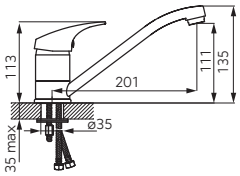
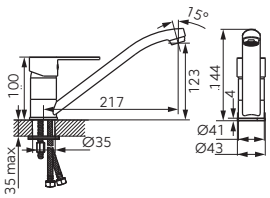
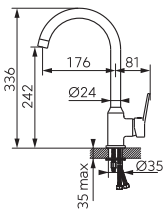
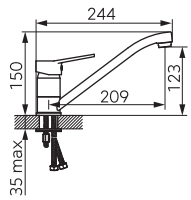
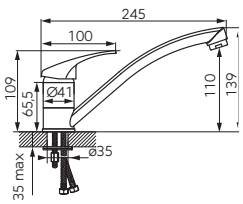
		Description	Colour	Index	EUR
		**Libretto** **standing sink mixer with pull-out flexible spout** • ceramic cartridge • single hole assembly • automatic spray/jet switch • flexible black pull-out • pull-out spout • swivel spout • flexible connections G3/8 – M8x1	chrome	**BLE4B**	**79,99**
		**Lugio** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BLG4**	**39,99**
		**Lugio** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	black	**BLG4BL**	**54,99**
		**Maestro** **standing sink mixer with pull-out handle** • Cold Start ceramic cartridge • single hole assembly • M18.5x1 flow regulator • swivel spout • pull-out spout • flexible connections G3/8 – M8x1	chrome	**BMS4**	**89,99**
		**Ratio** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BTI4**	**44,99**
		**Ratio** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	black	**BTI4BL**	**54,99**

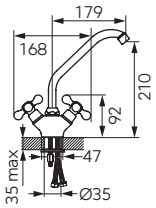
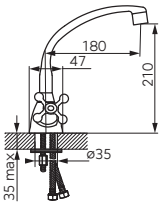
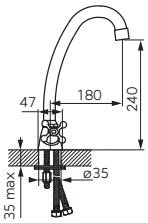
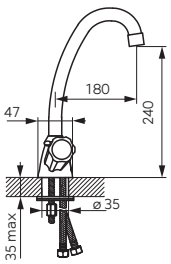
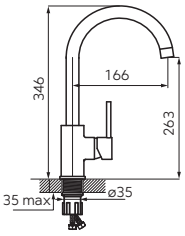
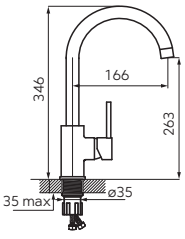
STANDING KITCHEN MIXERS

		Description	Colour	Index	EUR
		**Sonata** **standing sink mixer with pull-out handle** • Cold Start ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • pull-out spout • flexible connections G3/8 – M10x1	chrome	**BNA4**	**79,99**
		**Toledo** **folding sink mixer** • foldable spout with blockade - suggested mounting on a sink located under the window • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 – M8x1	chrome	**BTD4FUW**	**79,99**
		**Toledo** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout with pull-out handle • flexible connections • G3/8 – M10x1	chrome	**BTD4PO**	**69,99**
		**Adore White/Chrome** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • swivel spout • flexible connections G3/8 - M10x1	white-chrome	**BDR4**	**99,99**
		**Algeo Square** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAQ4**	**49,99**
		**Algeo** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAG4**	**44,99**

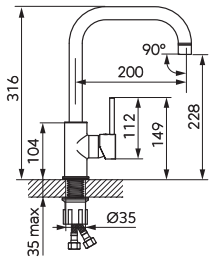
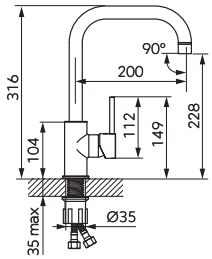
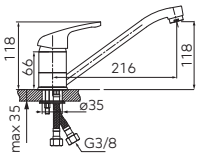
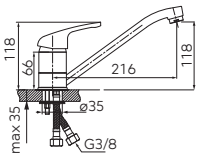
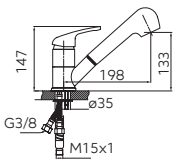
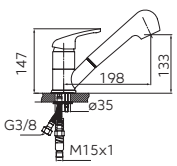
	Description	Colour	Index	EUR
 	**Algeo** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BAG4A**	**36,99**
 	**Algeo** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	chrome	**BAG8**	**49,99**
 	**Vasto** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	chrome	**BVA8**	**46,99**
 	**Vasto** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BVA4**	**26,99**
 	**Vasto** **asymmetric standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BVA4A**	**32,99**
 	**Smile** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BSM4**	**21,99**

STANDING KITCHEN MIXERS

		Description	Colour	Index	EUR
		**Ritto** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BTR4**	**39,99**
		**Ferro One** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BFO4**	**26,99**
		**Savio** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BSV4**	**26,99**
		**Isso** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BIS4**	**39,99**
		**Isso** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BIS4A**	**22,99**
		**Basic** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BBC4**	**19,99**

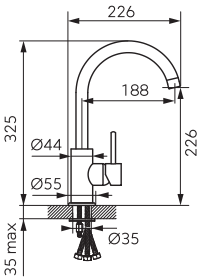
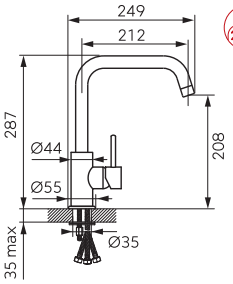
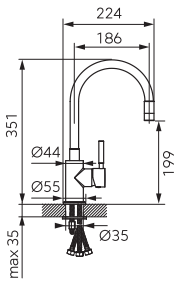
		Description	Colour	Index	EUR
		**Antica** **standing sink mixer** • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	old bronze	**BAI4BR**	**59,99**
		**Retro New** **standing sink mixer** • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections • G 3/8 - M10x1	chrome	**XD4**	**44,99**
		**Retro** **standing sink mixer** • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	chrome	**XR4**	**29,99**
		**Standard** **standing sink mixer** • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1	chrome	**BST4**	**29,99**
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	graphite	**BFR41B**	**59,99**
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	sandy	**BFR41S**	**59,99**

STANDING KITCHEN MIXERS

		Description	Colour	Index	EUR
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	graphite	**BFR42B**	**64,99**
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	sandy	**BFR42S**	**64,99**
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	graphite	**BFR4B**	**32,99**
		**Freya** **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	sandy	**BFR4S**	**32,99**
		**Freya** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	graphite	**BFR8B**	**54,99**
		**Freya** **standing sink mixer with pull-out handle** • ceramic cartridge • single hole assembly • M24x1 flow regulator • automatic spray/jet switch • swivel spout with pull-out handle • flexible connections G3/8 - M10x1	sandy	**BFR8S**	**54,99**



LOW PRESURE MIXERS

		Description	Colour	Index	EUR
		**Lugio** **standing sink mixer** • for unpressurised, flow-through water heaters • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • pressure reducer - 2 pcs (1 spare) • 3 flexible connections G3/8 x M10 x 1, 50 cm long	chrome	**BLG4LP**	**59,99**
		**Ratio** **standing sink mixer** • for unpressurised, flow-through water heaters • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • pressure reducer - 2 pcs (1 spare) • 3 flexible connections G3/8 x M10 x 1, 50 cm long	chrome	**BTI4LP**	**59,99**
		**Zumba** **standing sink mixer with flexible spout** • for unpressurised, flow-through water heaters • ceramic cartridge • single hole assembly • black flexible spout • possibility to freely shape the spout • M22x1 flow regulator • pressure reducer - 2 pcs (1 spare) • 3 flexible connections G3/8 x M10 x 1, 50 cm long	chrome	**BZA4BLP**	**52,99**

Wall-mounted mixer taps

The collection of standing kitchen mixer taps is complemented by a large group of wall-mounted kitchen models. This solution is also appreciated by a large group of admirers. The possibility of selecting a product with a specific length of spout rotation is their main advantage.

CHROME



ALGEO
198



VASTO
198



SMILE
198



FERRO ONE
198



ISSO
199



BASIC
199



RETRO NEW
199



RETRO
199



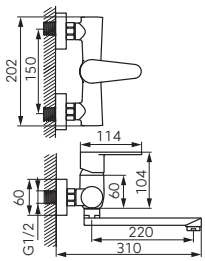
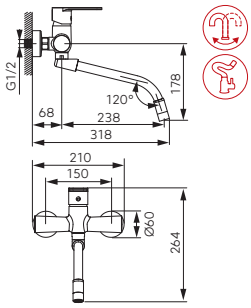
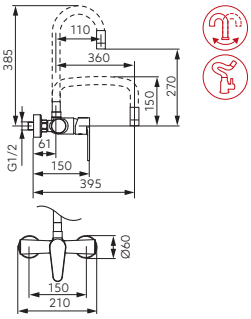
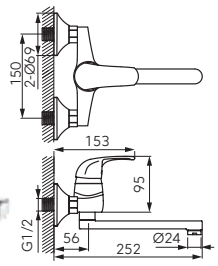
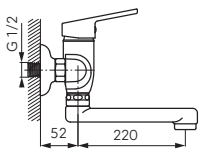
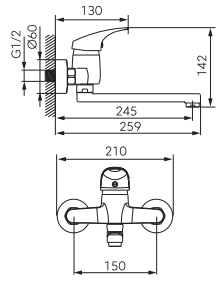
STANDARD
199

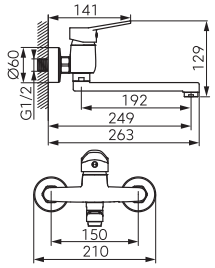
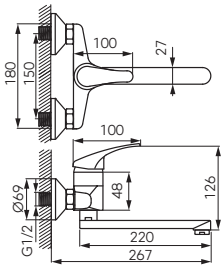
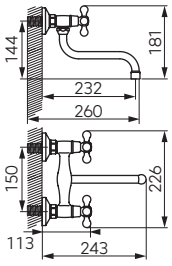
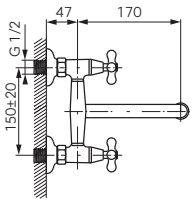
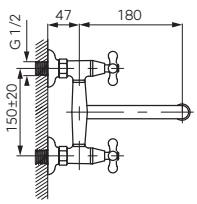
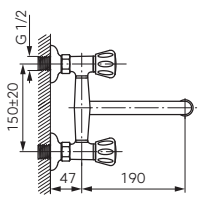
OLD BRONZE



ANTICA
199

WALL-MOUNTED MIXER TAPS

	Description	Colour	Index	EUR
 	**Algeo** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAG5**	**49,99**
 	**Algeo** **wall-mounted sink mixer** **with flexible spout** • ceramic cartridge • wall-mounting • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • possibility to freely shape the spout • black spout	chrome	**BAG5FB** Product available while stocks last.	**62,99**
 	**Wall-mounted sink mixer** **with flexible spout** • ceramic cartridge • M22x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • wall-mounting • possibility to freely shape the spout • spout color: black	chrome	**BAG5UFB**	**59,99**
 	**Vasto** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVA5**	**34,99**
 	**Smile** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BSM5**	**31,99**
 	**Ferro One** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 217 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO5**	**39,99**

	Description	Colour	Index	EUR
 	**Isso** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • 192 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BIS5**	**34,99**
 	**Basic** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BBC5**	**25,99**
 	**Antica** **wall-mounted sink mixer** • ceramic heads • wall-mounting • M22x1 flow regulator • 200 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	old bronze	**BAI5BR**	**64,99**
 	**Retro New** **wall-mounted sink mixer** • ceramic heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XD5**	**36,99**
 	**Retro** **wall-mounted sink mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**XR5**	**34,99**
 	**Standard** **wall-mounted sink mixer** • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BST5**	**32,99**


FERRO

Sinks

The collection includes granite and stainless steel sinks in various sizes and shapes, designed for individual users and for catering establishments. Granite sinks with a surface resembling the structure of stone are an interesting proposition for originally furnished interiors. Models made of stainless steel AISI 304 are distinguished by timeless design and fit into any arrangement. FERRO sinks are characteristic for their exceptional durability and resistance to external factors.

SINKS



GRANITE SINKS
202

GRANITE SINK SETS



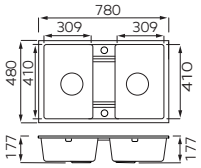
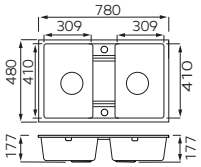
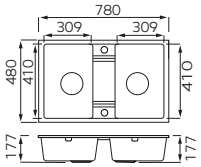
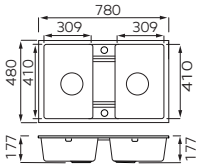
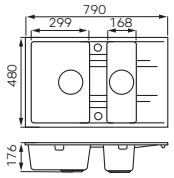
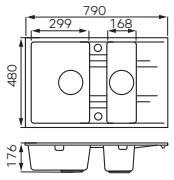
GRANITE SINKS WITH MIXER WITH FLEXIBLE SPOUT
206

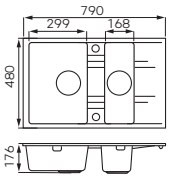
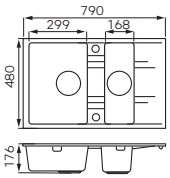
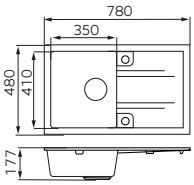
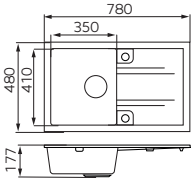
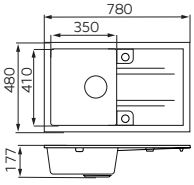
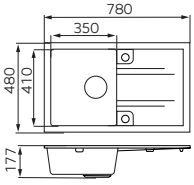
UTILITY SINKS



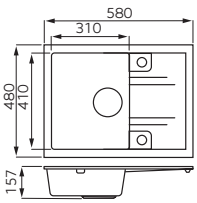
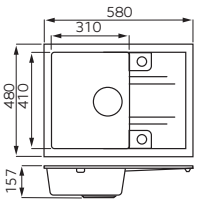
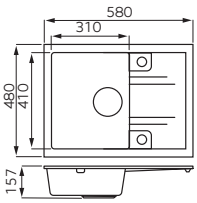
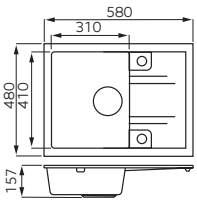
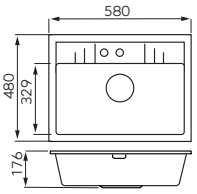
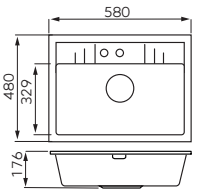
UTILITY SINKS
207

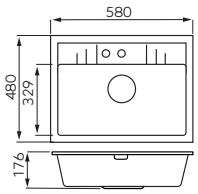
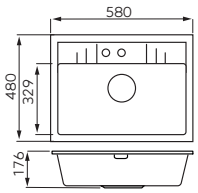
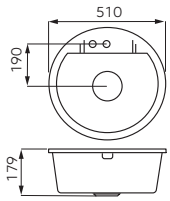
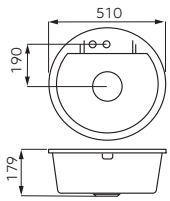
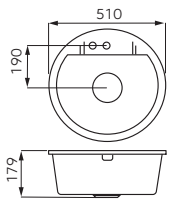
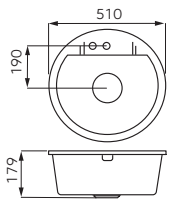
GRANITE SINKS

		Description	Colour	Index	EUR
		**Double bowl sink 78x48 cm** • siphon included • recessed • with overflow	sandy	**DRGM2/48/78SA**	**139,99**
		**Double bowl sink 78x48 cm** • siphon included • recessed • with overflow	graphite	**DRGM2/48/78BA**	**139,99**
		**Double bowl sink 78x48 cm** • siphon included • recessed • with overflow	graphite shine	**DRGM2/48/78HA**	**139,99**
		**Double bowl sink 78x48 cm** • siphon included • recessed • with overflow	gray	**DRGM2/48/78GA**	**139,99**
		**Double bowl sink 79x48 cm** • with drainer • siphon included • recessed • with overflow	sandy	**DRGM3/48/79SA**	**139,99**
		**Double bowl sink 79x48 cm** • with drainer • siphon included • recessed • with overflow	graphite	**DRGM3/48/79BA**	**139,99**

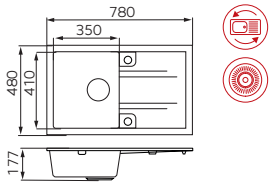
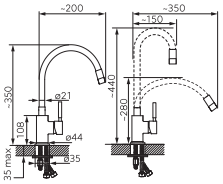
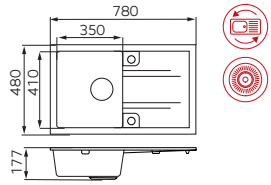
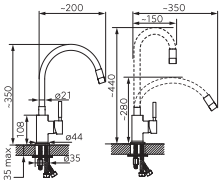
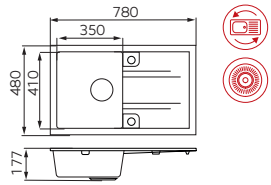
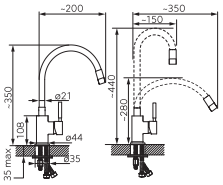
		Description	Colour	Index	EUR
		**Double bowl sink 79x48 cm** • with drainer • siphon included • recessed • with overflow	graphite shine	DRGM3/48/79HA	139,99
		**Double bowl sink 79x48 cm** • with drainer • siphon included • recessed • with overflow	gray	DRGM3/48/79GA	139,99
		**Single bowl sink 78x48 cm** • with drainer • siphon included • recessed • with overflow	sandy	DRGM48/78SA	119,91
		**Single bowl sink 78x48 cm** • with drainer • siphon included • recessed • with overflow	graphite	DRGM48/78BA	119,99
		**Single bowl sink 78x48 cm** • with drainer • siphon included • recessed • with overflow	graphite shine	DRGM48/78HA	119,99
		**Single bowl sink 78x48 cm** • with drainer • siphon included • recessed • with overflow	gray	DRGM48/78GA	119,99

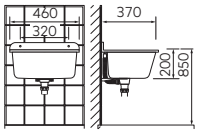
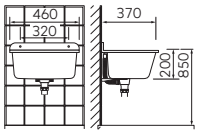
GRANITE SINKS

		Description	Colour	Index	EUR
		**Single bowl sink 58x48 cm** • with drainer • siphon included • recessed • with overflow	sandy	**DRGM48/58SA**	**119,99**
		**Single bowl sink 58x48 cm** • with drainer • siphon included • recessed • with overflow	graphite	**DRGM48/58BA**	**119,99**
		**Single bowl sink 58x48 cm** • with drainer • siphon included • recessed • with overflow	graphite shine	**DRGM48/58HA**	**119,99**
		**Single bowl sink 58x48 cm** • with drainer • siphon included • recessed • with overflow	gray	**DRGM48/58GA**	**119,99**
		**Single bowl sink 58x48 cm** • siphon included • recessed • with overflow	sandy	**DRGM1/48/58SA**	**119,99**
		**Single bowl sink 58x48 cm** • siphon included • recessed • with overflow	graphite	**DRGM1/48/58BA**	**119,99**

		Description	Colour	Index	EUR
		**Single bowl sink 58x48 cm** • siphon included • recessed • with overflow	graphite shine	DRGM1/48/58HA	119,99
		**Single bowl sink 58x48 cm** • siphon included • recessed • with overflow	gray	DRGM1/48/58GA	119,99
		**Single bowl sink Ø51 cm** • siphon included • recessed • with overflow	sandy	DRGM1/51SA	119,99
		**Single bowl sink Ø51 cm** • siphon included • recessed • with overflow	graphite	DRGM1/51BA	119,99
		**Single bowl sink Ø51 cm** • siphon included • recessed • with overflow	graphite shine	DRGM1/51HA	119,99
		**Single bowl sink Ø51 cm** • siphon included • recessed • with overflow	gray	DRGM1/51GA	119,99

GRANITE SINK SETS

		Description	Colour	Index	EUR
 	 	**Granite sink sets** • Single bowl sink 78x48cm • with drainer • siphon included • recessed • with overflow • colour: grafit shine Zumba - standing sink mixer with flexible spout • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 • colour: black	grafit shine / black	**DRGM48/78HA-SET1-PL**	**149,99**
 	 	**Granite sink sets** Single bowl sink 78x48cm • with drainer • siphon included • recessed • with overflow • colour: sandy Zumba - standing sink mixer with flexible spout • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 • colour: beige	sandy / beige	**DRGM48/78SA-SET1-PL**	**149,99**
 	 	**Granite sink sets** Single bowl sink 78x48cm • with drainer • siphon included • recessed • with overflow • colour: gray Zumba - standing sink mixer with flexible spout • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 • colour: silver	grey / silver	**DRGM48/78GA-SET1-PL**	**149,99**

		Description	Colour	Index	EUR
		**Utility sinks 37/46** • siphon included • with overflow • assembly kit • possible to install on a wall or insert into a countertop • material: polyester	white	**DRK37/46W**	**69,99**
		**Utility sinks 37/46** • siphon included • with overflow • assembly kit • possible to install on a wall or insert into a countertop • material: polyester	gray	**DRK37/46G**	**69,99**



BAGM7 Algeo Medicowall-mountedshowermixer
R66813,44* Foldabledoublegrabbar
R6699,44* Foldingshowerseat
R6650,44** Straightgrabbar

Specialist fittings

Created for public facilities and the special needs of people using this type of mixer taps and showers. The offer includes specialized mixer taps, showers and accessories that meet the highest standards of hygiene, are safe and comfortable to use, and are characteristic for their durability and resistance to various damages. Mixer taps and showers equipped with innovative components ensure maximum saving of water and energy used to heat it.

MEDICO



ALGEO SQUARE MEDICO
210



ALGEO MEDICO
210



VASTO MEDICO
211

TIME DELAY MIXERS AND VALVES



WASHBASIN MIXERS WITH TIME FLOW CONTROL
213



SHOWER AND URINAL VALVES WITH TIME FLOW CONTROL
214

LEED/BREEAM



LEED/BREEAM MIXERS
216



LEED/BREEAM SHOWERS
222

ACCESSORIES

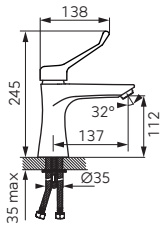
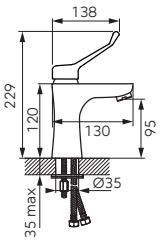
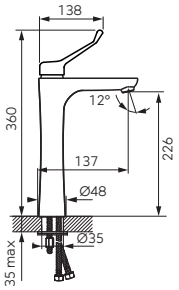
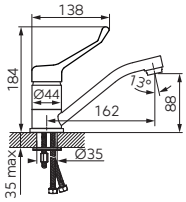
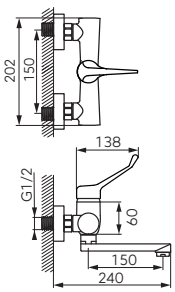
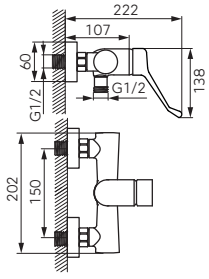


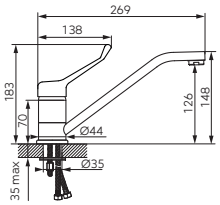
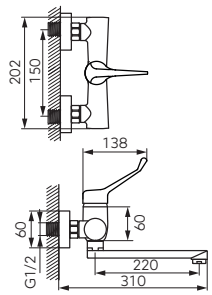
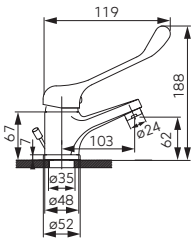
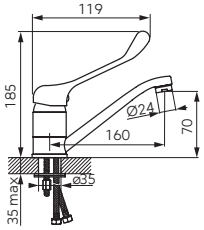
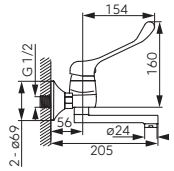
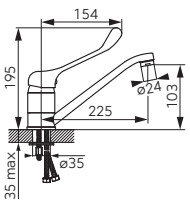
PROGRAMME HOTEL
224



METALIA HELP
225

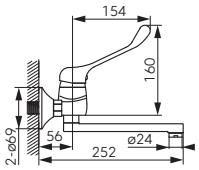
MEDICAL MIXERS

		Description	Colour	Index	EUR
		**Algeo Square Medico standing washbasin mixer** • special handle • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAQM2**	**49,99**
		**Algeo Medico standing washbasin mixer** • special handle • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAGM2**	**39,99**
		**Algeo Medico standing counter washbasin mixer** • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAGM2L**	**89,99**
		**Algeo Medico standing washbasin mixer with swivel spout** • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BAGM2AA**	**39,99**
		**Algeo Medico wall-mounted washbasin mixer** • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAGM3**	**54,99**
		**Algeo Medico wall-mounted shower mixer** • special handle • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included	chrome	**BAGM7**	**49,99**

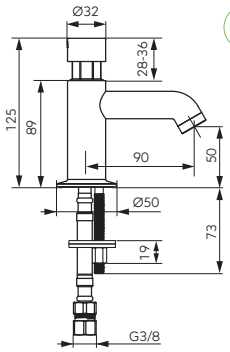
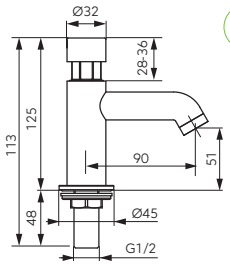
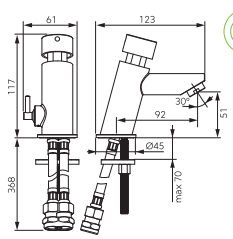
	Description	Colour	Index	EUR
 	**Algeo Medico** **standing sink mixer** • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections	chrome	**BAGM4A**	**39,99**
 	**Algeo Medico** **wall-mounted sink mixer** • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BAGM5**	**49,99**
 	**Vasto Medico** **standing washbasin mixer** • special handle • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • flexible connections G3/8 - M10x1	chrome	**BVAM2**	**39,99**
 	**Vasto Medico** **standing washbasin mixer** **with swivel spout** • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • flexible connections G3/8 - M10x1	chrome	**BVAM2A**	**34,99**
 	**Vasto Medico** **wall-mounted washbasin mixer** • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVAM3**	**44,99**
 	**Vasto Medico** **standing sink mixer** • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BVAM4**	**39,99**

MEDICAL MIXERS

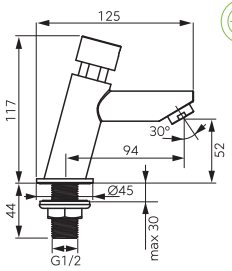
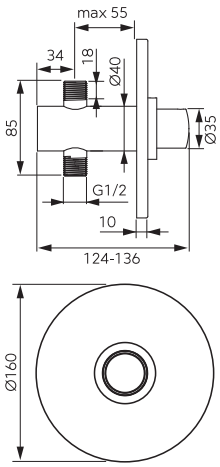
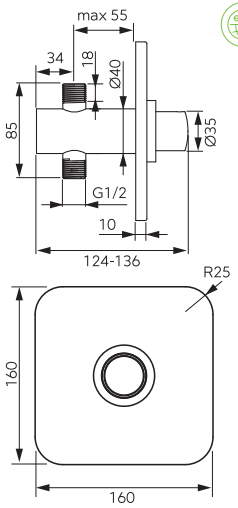


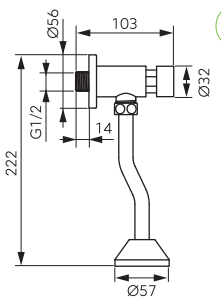
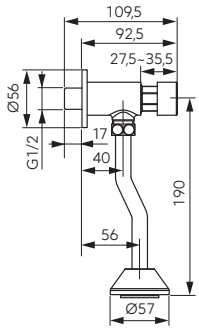


Description	Colour	Index	EUR
Vasto Medico **wall-mounted sink mixer** • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BVAM5**	**44,99**

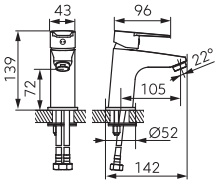
	Description	Colour	Index	EUR
 	**Presstige II** **automatic shut-off washbasin mixer with flow and temperature control** • flow time factory setting: ~15 s (for dynamic pressure 3 bar) • outflow time: adjustable from 10 - 20 s • (for dynamic pressure 3 bar) • flow rate: ~7 l/min (for dynamic pressure 3 bar) • max. water temperature: 90°C • recommended hot water temperature: < 65°C • recommended dynamic pressure: 0.1 - 0.5 MPa (1 - 5 bar) • max. static pressure: 1 MPa (10 bar / 145 PSI) • flexible connections: 3/8" MT (2 pcs)	chrome	**Z201R**	**32,99**
 	**Presstige** **automatic shut-off washbasin mixer with cold or mixed water flow control** • flow time factory setting: ~15 s (for dynamic pressure 3 bar) • outflow time: adjustable from 10 - 20 s (for dynamic pressure 3 bar) • flow rate: ~7 l/min (for dynamic pressure 3 bar) • max. water temperature: 90°C • recommended water temperature: < 65°C • recommended dynamic pressure: 0.1 - 0.5 MPa (1 - 5 bar) • max. static pressure: 1 MPa (10 bar / 145 PSI) • water inlet connection: 1 x 1/2" MT • for cold or pre-mixed water; recommended mixer: MM10 - 3/8" mechanical mixer	chrome	**Z201**	**29,99**
 	**Presstige Pro** **automatic shut-off washbasin mixer with flow and temperature control** • flow time factory setting: 15 s. • outflow time: adjustable from 10 - 20 s • flow at dynamic pressure of 0.3 MPa (3 bar): 6 L/min. (mixed water) • max. water temperature: 90°C • recommended water temperature: 65°C • recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,5 MPa • max. static pressure: 1 MPa (10 bar) • starting force (button push): up to 65 N • water inlet connection 2 x G3/8 FT (flexible connections)	chrome	**Z501R**	**42,99**

TIME DELAY MIXERS AND VALVES

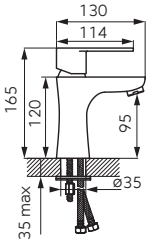
		Description	Colour	Index	EUR
		**Presstige Pro** **automatic shut-off washbasin mixer with water flow control** • flow time factory setting: 15 s. • outflow time: adjustable from 10 - 20 s • min. water flow at dynamic pressure of 0.3 MPa (3 bar): 11 l/min. • max. water temperature: 90°C • recommended water temperature: 65°C • recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,5 MPa • max. static pressure: 1 MPa (10 bar) • flow time at dynamic pressure 0.3 MPa (3 bar): Regulated 15 ± 5 s • starting force (button push): up to 65 N • water inlet connection 1 x G1/2 MT • for cold or pre-mixed water; recommended mixers: MM10 - 3/8" mechanical mixer	chrome	**Z501**	**32,99**
		**Presstige Pro** **built-in shower valve with time flow control** • Anti Vandal System - protection against disassembly • flow time factory setting: 30 s. • outflow time: adjustable from 25 - 35 s • min. water flow at dynamic pressure of 0.3 MPa (3 bar): 11 l/min. • max. water temperature: 90°C • recommended water temperature: 65°C • recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,5 MPa • max. static pressure: 1 MPa (10 bar) • flow time at dynamic pressure 0.3 MPa (3 bar): Regulated 30 + 5/-10 s • starting force (button push): up to 41 N • water inlet connection 2 x G1/2 MT • for cold or pre-mixed water; recommended mixer: MM10 - 3/8" mechanical mixer	chrome	**Z503**	**42,99**
		**Presstige Pro SQ** **built-in shower valve with time flow control** • Anti Vandal System - protection against disassembly • flow time factory setting: 30 s. • outflow time: adjustable from 25 - 35 s • min. water flow at dynamic pressure of 0.3 MPa (3 bar): 11 l/min. • max. water temperature: 90°C • recommended water temperature: 65°C • recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,5 MPa • max. static pressure: 1 MPa (10 bar) • flow time at dynamic pressure 0.3 MPa (3 bar): Regulated 30 + 5/-10 s • starting force (button push): up to 41 N • water inlet connection 2 x G1/2 MT • for cold or pre-mixed water; recommended mixer: MM10 - 3/8" mechanical mixer	chrome	**Z503SQ**	**44,99**

	Description	Colour	Index	EUR
 	**Presstige Pro** **urinal valve with time flow control** • recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,4 MPa • max. static pressure: 1 MPa (10 bar) • water temperature: ≤ 25°C • flow time at dynamic pressure 0.1 MPa (1bar): approx. 11 seconds • starting force (button push): up to 26 N • classification: 1.5-litre valve • min. water supply flow volume Qmin: 0,15 l/s • water inlet connection 1 x G1/2 MT	chrome	Z502	27,99
 	**Presstige** **urinal valve with time flow control** • flow time factory setting: ~8 s (for dynamic pressure 1 bar) • outflow time: adjustable from 1 - 15 s (for dynamic pressure 1 bar) • flow rate factory setting: ~0.9 l/cycle • water outflow: adjustable from 0.1 - 2.0 l/cycle (for dynamic pressure 1 bar) • max. water temperature: 25°C • recommended dynamic pressure: 0.1 - 0.4 MPa (1 - 4 bar) • water inlet connection: 1 x G1/2 MT	chrome	Z211	34,99

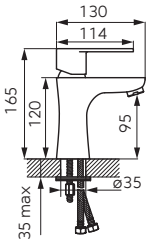
LEED/BREEAM MIXERS

	Description	Colour	Index	EUR
 	**Ritto** **standing washbasin mixer** • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections	chrome	**BTR2-LB** **NEW**	**39,99**

Maximal flow rate for dynamic pressure	
Stream: laminar - aerated	
1,50 bar (21 psi)	→ **2,6 l/min** (0,69 gpm US)
3,00 bar (43 psi)	→ **2,7 l/min** (0,72 gpm US)
4,14 bar (60 psi)	→ **3,1 l/min** (0,82 gpm US)

 	**Algeo** **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 aerator • G3/8 - M10x1 flexible connections	chrome	**BAG2-LB**	**39,99**

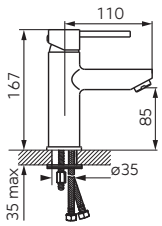
Maximal flow rate for dynamic pressure	
Stream: laminar - aerated	
1,50 bar (21 psi)	→ **2,7 l/min** (0,71 gpm US)
3,00 bar (43 psi)	→ **2,7 l/min** (0,72 gpm US)
4,14 bar (60 psi)	→ **3,0 l/min** (0,79 gpm US)

 	**Algeo** **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BAG2-LA**	**39,99**

Maximal flow rate for dynamic pressure	
Stream: spray	
1,50 bar (21 psi)	→ **1,1 l/min** (0,28 gpm US)
3,00 bar (43 psi)	→ **1,2 l/min** (0,30 gpm US)
4,14 bar (60 psi)	→ **1,3 l/min** (0,33 gpm US)

Description	Colour	Index	EUR
Fiesta **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections	chrome	**BFI2-LB**	**69,99**

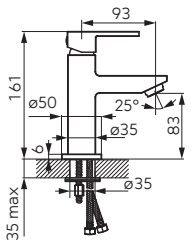




Maximal flow rate for dynamic pressure	
Stream: laminar - aerated	
1,50 bar (21 psi)	→ **2,6 l/min** (0,69 gpm US)
3,00 bar (43 psi)	→ **2,6 l/min** (0,69 gpm US)
4,14 bar (60 psi)	→ **2,9 l/min** (0,77 gpm US)

Description	Colour	Index	EUR
Zicco **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections	chrome	**BZI2-LB**	**54,99**

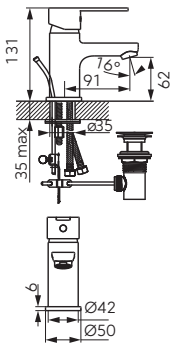




Maximal flow rate for dynamic pressure	
Stream: laminar - aerated	
1,50 bar (21 psi)	→ **2,6 l/min** (0,69 gpm US)
3,00 bar (43 psi)	→ **2,6 l/min** (0,69 gpm US)
4,14 bar (60 psi)	→ **2,8 l/min** (0,75 gpm US)

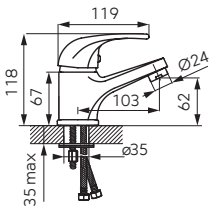
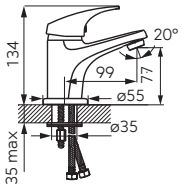
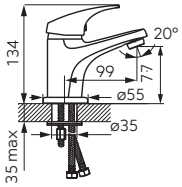
Description	Colour	Index	EUR
Savio **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections	chrome	**BSV2-LB**	**39,99**





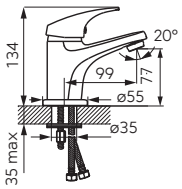
Maximal flow rate for dynamic pressure	
Stream: laminar - aerated	
1,50 bar (21 psi)	→ **2,6 l/min** (0,69 gpm US)
3,00 bar (43 psi)	→ **2,6 l/min** (0,68 gpm US)
4,14 bar (60 psi)	→ **2,8 l/min** (0,74 gpm US)

LEED/BREEAM MIXERS

		Description	Colour	Index	EUR
		**Vasto** **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections	chrome	**BVA2-LB**	**29,99**
		Maximal flow rate for dynamic pressure			
		Stream: laminar - aerated			
		1,50 bar (21 psi) → **2,8 l/min** (0,74 gpm US)			
		3,00 bar (43 psi) → **2,8 l/min** (0,74 gpm US)			
		4,14 bar (60 psi) → **3,0 l/min** (0,80 gpm US)			
		**Ferro One** **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections	chrome	**BFO2-LB**	**54,99**
		Maximal flow rate for dynamic pressure			
		Stream: laminar - aerated			
		1,50 bar (21 psi) → **2,6 l/min** (0,69 gpm US)			
		3,00 bar (43 psi) → **2,7 l/min** (0,72 gpm US)			
		4,14 bar (60 psi) → **3,1 l/min** (0,82 gpm US)			
		**Ferro One** **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BFO2-LA**	**49,99**
		Maximal flow rate for dynamic pressure			
		Strumień spray			
		1,50 bar (21 psi) → **0,9 l/min** (0,23 gpm US)			
		3,00 bar (43 psi) → **1,0 l/min** (0,27 gpm US)			
		4,14 bar (60 psi) → **1,1 l/min** (0,28 gpm US)			

Description	Colour	Index	EUR
Ferro One **standing washbasin mixer** • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections	chrome	**BFO2-LC**	**54,99**

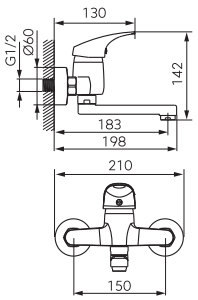




Maximal flow rate for dynamic pressure
Stream: laminar - aerated
1,50 bar (21 psi) → **1,6 l/min** (0,42 gpm US)
3,00 bar (43 psi) → **1,6 l/min** (0,42 gpm US)
4,14 bar (60 psi) → **1,6 l/min** (0,42 gpm US)

Description	Colour	Index	EUR
Ferro One **wall-mounted washbasin mixer** • ceramic cartridge • wall-mounting • M24x1 Easy Clean aerator • 158 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO3-LB**	**69,99**

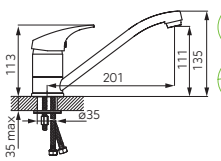




Maximal flow rate for dynamic pressure
Stream: laminar - aerated
1,50 bar (21 psi) → **2,8 l/min** (0,74 gpm US)
3,00 bar (43 psi) → **2,9 l/min** (0,77 gpm US)
4,14 bar (60 psi) → **3,0 l/min** (0,79 gpm US)

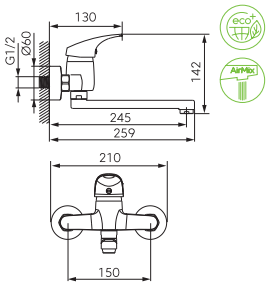
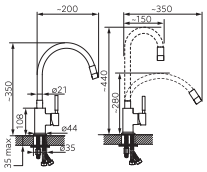
Description	Colour	Index	EUR
Ferro One **standing sink mixer** • ceramic cartridge • single hole assembly • M24x1 Easy Clean aerator • swivel spout • flexible connections G3/8 - M10x1	chrome	**BFO4-LB**	**54,99**

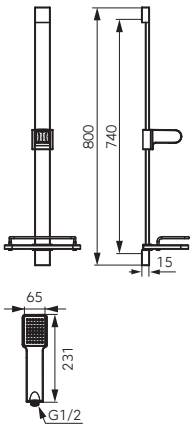
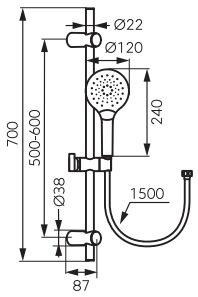
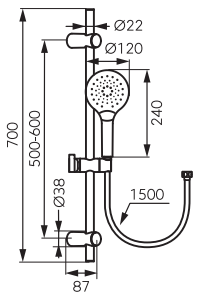




Maximal flow rate for dynamic pressure
Stream: laminar - aerated
1,50 bar (21 psi) → **2,7 l/min** (0,71 gpm US)
3,00 bar (43 psi) → **2,8 l/min** (0,74 gpm US)
4,14 bar (60 psi) → **2,9 l/min** (0,77 gpm US)

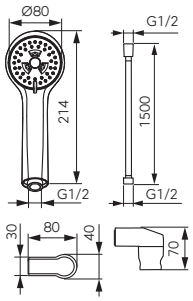
LEED/BREEAM MIXERS

	Description	Colour	Index	EUR
 	**Ferro One** **wall-mounted sink mixer** • ceramic cartridge • wall-mounting • M24x1 Easy Clean aerator • obrotowa wylewka 217 mm • 217 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm	chrome	**BFO5-LB**	**69,99**
	Maximal flow rate for dynamic pressure			
	Stream: laminar - aerated			
	1,50 bar (21 psi) → **2,6 l/min** (0,69 gpm US)			
	3,00 bar (43 psi) → **2,8 l/min** (0,74 gpm US)			
	4,14 bar (60 psi) → **2,9 l/min** (0,77 gpm US)			
 	**Zumba** **standing sink mixer with flexible spout** • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 aerator • flexible connections G3/8 – M10x1	chrome	**BZA4B-LB**	**44,99**
	Maximal flow rate for dynamic pressure			
	Stream: laminar - aerated			
	1,50 bar (21 psi) → **2,8 l/min** (0,74 gpm US)			
	3,00 bar (43 psi) → **2,8 l/min** (0,74 gpm US)			
	4,14 bar (60 psi) → **2,8 l/min** (0,74 gpm US)			

	Description	Colour	Index	EUR
 	**Quadro sliding shower set** • 1-function shower handle • stream: rain • Ferro Easy Clean System - easy limescale removal • 800 mm metal sliding bar • 150 cm shower hose in brass braid • shower hose with conical tip • practical shelf for cosmetics together with set	chrome	N110-LA	49,99
	Maximal flow rate for dynamic pressure			
	Stream: spray			
	1,50 bar (21 psi) → **4,0 l/min** (1,06 gpm US)			
	3,00 bar (43 psi) → **6,0 l/min** (1,24 gpm US)			
	5,50 bar (80 psi) → **7,0 l/min** (1,35 gpm US)			
 	**Mulo sliding shower set** • 3-function shower handle with buit-in click button • Ferro Easy Clean System - easy limescale removal • streams: rain, massage, mixed • PVC shower hose 150 cm • 700 mm sliding metal bar • sliding handle with adjustable shower handle angle • vertical adjustable wall holders • when replacing the current shower set, it is possible to adjust the spacing of wall holders to the existing openings in the range 500 – 600 mm	chrome	N343-LA	39,99
	Maximal flow rate for dynamic pressure			
	Stream: spray			
	1,50 bar (21 psi) → **4,8 l/min** (1,27 gpm US)			
	3,00 bar (43 psi) → **4,9 l/min** (1,29 gpm US)			
	4,14 bar (60 psi) → **5,1 l/min** (1,35 gpm US)			
 	**Mulo sliding shower set** • 3-function shower handle with buit-in click button • Ferro Easy Clean System - easy limescale removal • streams: rain, massage, mixed • PVC shower hose 150 cm • 700 mm sliding metal bar • sliding handle with adjustable shower handle angle • vertical adjustable wall holders • when replacing the current shower set, it is possible to adjust the spacing of wall holders to the existing openings in the range 500 – 600 mm	chrome	N343-LB	39,99
	Maximal flow rate for dynamic pressure			
	Stream: spray			
	1,50 bar (21 psi) → **6,1 l/min** (1,61 gpm US)			
	3,00 bar (43 psi) → **6,2 l/min** (1,64 gpm US)			
	4,14 bar (60 psi) → **6,4 l/min** (1.69 gpm US)			

Description	Colour	Index	EUR
Sole **spot shower set** • 3-function shower handle • streams: rain, massage, mixed • Ø 83 mm • Ferro Easy Clean System - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder	chrome	U300-LB	19,99

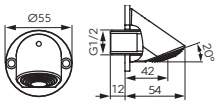




Maximal flow rate for dynamic pressure	
Stream: spray	
1,50 bar (21 psi)	→ **6,2 l/min** (1,64 gpm US)
3,00 bar (43 psi)	→ **6,5 l/min** (1,72 gpm US)
5,50 bar (80 psi)	→ **6,8 l/min** (1,80 gpm US)

Description	Colour	Index	EUR
Vandal Proof 1F **shower head** • 1-funtion shower head • for public space use • Vandal Proof System - protection against unauthorized dismantling • maximum flow at 3 bar dynamic pressure: ~8 l/min • G1/2 connection	chrome	NPG04	59,99

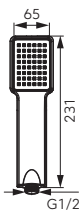




Maximal flow rate for dynamic pressure	
Stream: spray	
3,00 bar (43 psi)	→ **8 l/min**

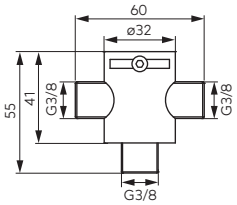
Description	Colour	Index	EUR
Quadro **shower handle** • 1-function • stream: rain • Ferro Easy Clean System - easy limescale removal	chrome	S110-LA	12,99





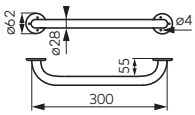
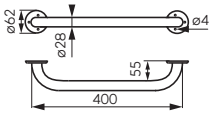
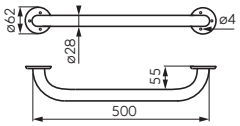
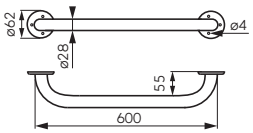
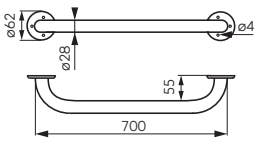
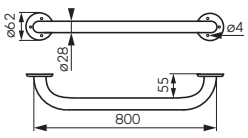
Maximal flow rate for dynamic pressure	
Stream: spray	
1,50 bar (21 psi)	→ **4,5 l/min** (1,90 gpm US)
3,00 bar (43 psi)	→ **5,0 l/min** (1,32 gpm US)
5,50 bar (80 psi)	→ **5,1 l/min** (1,35 gpm US)





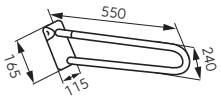
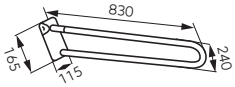
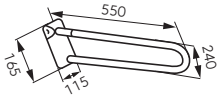
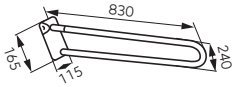
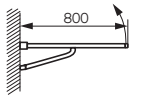
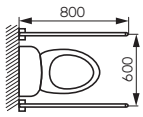
Description	Colour	Index	EUR
Mechanical mixer 3/8" for touchless mixers • max. water temperature: 90°C • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • water inlet connection: 3 x 3/8" MT • mixing ratio adjustment: manual • setting lock against accidental change • check valves: 2 pcs (on inlets) • gaskets: 2 pcs with filter (on inlets)		MM10	24,99

	Description	Colour	Index	EUR
	**Towel rack with towel holder MEPHISTO** • dimensions: 550 mm x 210 mm • warranty: 3 years	chrome	**6845,0**	**34,99**

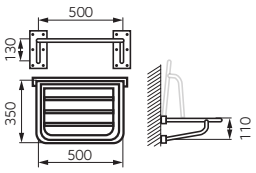
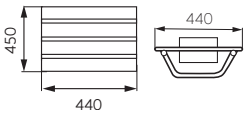
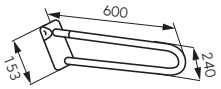
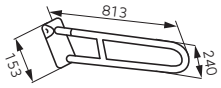
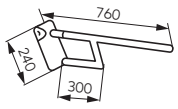
	Description	Colour	Index	EUR
 	**Straight grab bar** • length: 300 mm • Ø: 28 mm	white	**R6630,11***	**39,99**
 	**Straight grab bar** • length: 400 mm • Ø: 28 mm	white	**R6640,11***	**44,99**
 	**Straight grab bar** • length: 500 mm • Ø: 28 mm	white	**R6650,11***	**49,99**
 	**Straight grab bar** • length: 600 mm • Ø: 28 mm	white	**R6660,11***	**64,99**
 	**Straight grab bar** • length: 700 mm • Ø: 28 mm	white	**R6670,11***	**74,99**
 	**Straight grab bar** • length: 800 mm • Ø: 28 mm	white	**R6680,11***	**79,99**

* Delivery time: c.a. 21 days

METALIA HELP

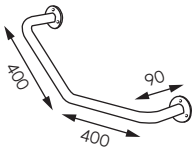
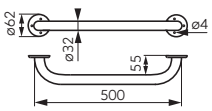
	Description	Colour	Index	EUR
	**Steady double grab bar** • length: 550 mm	white	**R6655,11***	**59,99**
	**Steady double grab bar** • length: 830 mm	white	**R6683,11***	**88,63**
	**Foldable double grab bar** • length: 550 mm	white	**R66550,11***	**89,99**
	**Foldable double grab bar** • length: 830 mm	white	**R66830,11***	**99,99**
 	**Foldable unigrip handrail** • length: 800 mm	white	**R66800,11***	**97,48**

* Delivery time: c.a. 21 days

	Description	Colour	Index	EUR
 	**Folding shower seat** • max 110kg	white	**R6699,11***	**160,49**
 	**Folding shower seat** • max 110 kg	stainless steel	**R6699,44***	**399,99**
 	**Steady double grab bar** • length: 600 mm • Ø: 32 mm	stainless steel	**R6660,44***	**69,99**
 	**Foldable double grab bar** • length: 810 mm • Ø: 32 mm	stainless steel	**R66813,44***	**149,99**
 	**Foldable unigrip handrail** • length: 810 mm • Ø: 32 mm	stainless steel	**R6676,44***	**134,18**

* Delivery time: c.a. 21 days

METALIA HELP

	Description	Colour	Index	EUR
 	**Straight grab bar** • Ø: 32 mm • max 110kg	stainless steel	**R66404,44***	**89,99**
 	**Straight grab bar** • length 500 mm • Ø: 32 mm	stainless steel	**R6650,44***	**70,87**

* Delivery time: c.a. 21 days

Accessories and spare parts

We offer you a set of accessories and spare parts to prolong the life of your products for many years. Please contact our service office if you do not find the parts you need for your Ferro model on the following pages. **All products in this section are pre-packed with a symbol and EAN code for retail sale, unless otherwise stated.**

ACCESSORIES



FLEXIBLE MIXER SPOUTS
230



MIXER SPOUTS
232



JET REGULATORS
233



MIXER HANDLE
236



HOSE
236

SPARE PARTS



REGULATORS
237



HEADS
237



MIXER HANDLES
240



ROSETTES
242



MOUNTING ACCESSORIES
245



PLUGS AND DRAINS
249



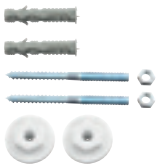
STRAINERS
251



CAPS AND REDUCTIONS
252

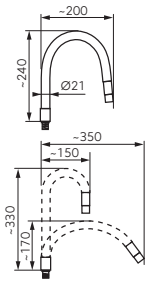
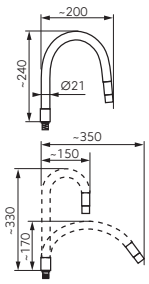
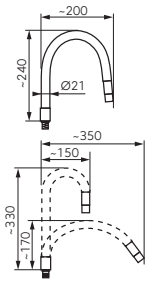
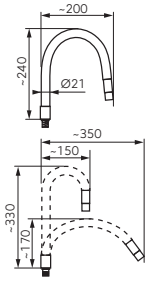
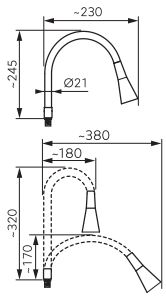
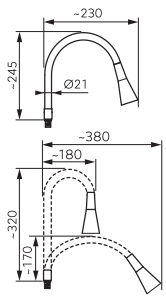


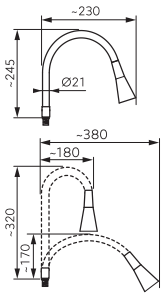
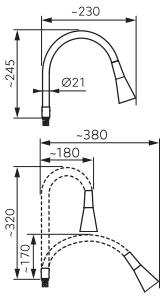
FUNNELS, GASKETS
253



MOUNTING
260

KITCHEN MIXER SPOUTS

		Description	Colour	Index	EUR
		**Elastico** **flexible spout for sink mixers** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • M22x1 flow regulator	black	**W100B-B**	**14,99**
		**Elastico** **flexible spout for sink mixers** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • M22x1 flow regulator	beige	**W100P-B**	**18,10**
		**Elastico** **flexible spout for sink mixers** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • M22x1 flow regulator	silver	**W100S-B**	**14,99**
		**Elastico** **flexible spout for sink mixers** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • M22x1 flow regulator	white	**W100W-B**	**14,99**
		**Elastico II** **flexible spout for sink mixer** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • 2 spray modes • spanner for water jet regulator and Allen key included	black	**W101B-B**	**15,99**
		**Elastico II** **flexible spout for sink mixer** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • 2 spray modes • spanner for water jet regulator and Allen key included	beige	**W101P-B**	**15,99**

	Description	Colour	Index	EUR
 	**Elastico II** **flexible spout for sink mixer** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • 2 spray modes • spanner for water jet regulator and Allen key included	silver	W101S-B	15,99
 	**Elastico II** **flexible spout for sink mixer** • interchangeable with kitchen mixer taps: ZUMBA, ZUMBA II, ZUMBA SLIM 2F, ALGEO SQUARE, LUGIO, RATIO • flexible spout • any shape can be set • 2 spray modes • spanner for water jet regulator and Allen key included	white	W101W-B	15,99

SPOUTS



Flat spout

D	L	Index	EUR
3/4"	160 mm	CNK411B	11,49
3/4"	220 mm	CNK412B	11,99
3/4"	310 mm	W98B	13,99



F-type spout

D	L	Index	EUR
3/4"	150 mm	W150F/4	8,99
3/4"	200 mm	W200F/4	8,99
3/4"	250 mm	W250F/4	9,99



Z-type spout

D	L	Index	EUR
1/2"	160 mm	W160Z/2	7,99
1/2"	250 mm	W250Z/2	9,99



C-type spout

D	L	Index	EUR
1/2"	115 mm	W115C/2	6,99
1/2"	160 mm	W160C/2	7,99
3/4"	160 mm	W160C/4	7,99
1/2"	180 mm	W180C/2	8,49
3/4"	200 mm	W200C/4	8,99
1/2"	250 mm	W250C/2	9,99
3/4"	250 mm	W250C/4	9,99
1/2"	300 mm	W300C/2	10,99
3/4"	300 mm	W300C/4	10,99



S-type spout

D	L	Index	EUR
1/2"	115 mm	W115S/2	6,99
1/2"	160 mm	W160S/2	7,99
3/4"	160 mm	W160S/4	7,99
1/2"	180 mm	W180S/2	8,49
3/4"	200 mm	W200S/4	8,99
1/2"	250 mm	W250S/2	9,99
3/4"	250 mm	W250S/4	9,99
1/2"	300 mm	W300S/2	10,99
3/4"	300 mm	W300S/4	10,99



FerroSlimAir aerator

- aerates the water flow saving over 50% (~4.5 l/min) of water
- Ferro Easy Clean System - easy limescale removal
- standard dimensions Mx24
- water jet direction adjustment
- installation wrench included

PCH5VL-K-W — 4,99



FerroAirMix aerator

- aerates the water flow saving up to 50% of water
- Ferro Easy Clean System - easy limescale removal
- standard dimensions Mx24
- brass

Packaging	Colour	Index	EUR
blister (2 pcs)	chrome	PCH4VL	7,49
blister (1 pc)	chrome	PCH41VL	4,29



FerroAirMix aerator — black — PCH24VLBLW — 4,27

- aerates the water flow saving up to 50% of water
- Ferro Easy Clean System - easy limescale removal
- standard dimensions Mx24



FerroAirMix M24x1 aerator — chrome — PCH4-K-W — 4,49

- with key for aerators and ceramic cartridges



Areator — chrome

- aerates the water flow

Dimensions	Packaging	Index	EUR
M28x1	Packaging loose (without EAN code)	PCH1	1,49
M28x1	Packaging bag	PCH1W	1,69
M24x1	Packaging loose (without EAN code)	PCH2	1,19
M24x1	Packaging bag	PCH2W	1,29



Areator — black — PCH24BLW — 1,59

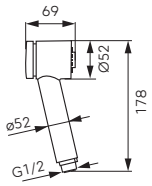
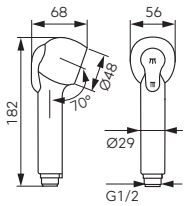
- aerates the water flow
- M24 male thread

JET REGULATORS

	Description	Colour	Index	EUR
	**Kitchen mixer aerator** • aerates the water flow • M22x1 external thread • for round spouts	chrome	**PCH22W**	**1,59**
	**Kitchen mixer aerator** • aerates the water flow • M22x1 external thread • for round spouts	black	**PCH22BLW**	**1,81**
	**2-function long jet regulator** • M22 female thread or M24 male thread • for round spouts, with male thread (dual handle mixers)	black-chrome	**P1314-W**	**5,49**
	**2-function long jet regulator** • M22 female thread • for round spouts, with male thread (dual handle mixers)	black-chrome	**P13**	**4,99**
	**2-function long jet regulator** • M22 female thread or M24 male thread • for round spouts, with male thread (dual handle mixers)	black-chrome	**P1014-W**	**4,99**
	**2-function long jet regulator** • 2-funtion short jet regulator • M22 female thread • for round spouts, with male thread (dual handle mixers)	white-chrome	**P24**	**4,99**

	Description	Colour	Index	EUR
	**2-function long jet regulator** • M22 female thread • for round spouts, with male thread (dual handle mixers)	black-chrome	**P10**	**4,99**
	**FerroEcoSave water flow limiter** • installed for shower or bath mixers 1/2x1/2 • limits water flow to 50% • standard spray hose connections • brass • packaging: 1 pc in a blister	chrome	**PCH3VL**	**4,49**
	**Jet regulator connecting ring M22x1**		**P14**	**0,99**
	**Faucet service key** • for M24 and M28 jet regulators • for head nut 35 mm and 40 mm • does not scratch the chrome surfaces		**KEYM2428-W**	**1,49**

SINK MIXER HANDLE AND HOSES

	Description	Colour	Index	EUR
 	**Sink mixer handle** • 2 jet types • G1/2 connection	chrome	**CF0052**	**11,99**
 	**Sink mixer handle** • 2 jet types • G1/2 connection	chrome	**CF0069**	**9,99**
	**Sink hose** • for pull-out spray mixers and 3-hole mixers • cone tip • L-150 cm	chrome	**CF0070**	**5,99**
	**Sink hose** • for mixers with pull-out spray • cylindrical tip • L-150 cm			
	Packaging			
	loose		**RG006**	**5,49**
	bag		**RG006W**	**5,99**
	**Sink hose for mixers** • with pull-out spray • M10x1 x M15x1 • series 8 mixers		**018003**	**1,99**

	Description	Colour	Index	EUR
	**Thermostatic head for thermostatic faucet**		**GT1**	**44,99**
	**Thermostatic head for TAM7 mixers**		**GT8**	**32,99**
	**Thermostatic head for TRM7 mixers**		**GT1TRM**	**25,99**
	**FerroClick Verdeline ceramic cartridge** • for single-handle mixers • 40 mm - high		**GW1VL**	**6,99**
	**FerroClick Verdeline ceramic cartridge** • for single-handle mixers • 40 mm - low		**GW2VL**	**6,99**
	**FerroClick Verdeline ceramic cartridge** • for single-handle mixers • 35 mm - high		**G07VL**	**5,99**

CERAMIC HEADS AND REGULATORS

	Description	Colour	Index	EUR
	**Ceramic cartridge** • for single-handle mixers • 40 mm - high		GW1	3,99
	**Ceramic cartridge** • for single-handle mixers • 40 mm - low		GW2	2,99
	**Ceramic cartridge** • for single-handle mixers • 35 mm - high		G07	3,29
	**Ceramic cartridge** • for single-handle mixers • 35 mm - low		G08	2,99

	Description	Colour	Index	EUR
	**Ceramic head** • for RETRO dual-handle mixers /20 spline /		G05R	9,99
	**Ceramic head** • for RETRO dual-handle mixers /24 spline /		G05S	9,99
	**Ceramic head** • for dual-handle mixers /15 spline /		G05	2,49
	**Double-handle moving faucet head** • for nut /15 spline/		G02C	2,99
	**Double-handle moving faucet head** • for nut /15 spline/		G02	2,49
	**Double-handle moving faucet head 3/8"** • /16 spline /		G01	2,13

MIXER HANDLES

	Description	Colour	Index	EUR
	**RETRO mixer handle** • with head and cover • red and blue plug included	chrome	P21	11,99
	**Mixer handle F** • with red and blue plug included	chrome	P15	4,99
	**Mixer handle D** • with red and blue plug included	chrome	P09	5,99
	**Mixer handle A** • with red and blue plug included	chrome	P06	3,99
	**Mixer handle** • blue plug	blue	P22	0,79
	**Mixer handle** • red plug	red	P23	0,79

	Description	Colour	Index	EUR
	**Mixer handle** • blue plug	blue	**P57**	**1,39**
	**Mixer handle** • red plug	red	**P59**	**1,39**

ROSETTES



Description	Colour	Index	EUR
Rosette with eccentric	chrome		

Packaging	Index	EUR
packaging loose (without EAN code)	**R10**	**6,88**
packaging bag	**R10W**	**6,99**



Description	Colour	Index	EUR
3/4 conical rosette	chrome		

Packaging	Index	EUR
packaging loose (without EAN code)	**R02**	**1,09**
packaging bag	**R02W**	**1,19**



Description	Colour	Index	EUR
3/4" conical rosette	chrome		

Dimensions	Packaging	Index	EUR
wide conical rosette 80x22,5 mm	packaging bag	**R23W**	**0,99**
high conical rosette 70x25,5 mm	packaging bag	**R24W**	**0,69**



Description	Colour	Index	EUR
3/4 flat rosette	chrome		

Packaging	Index	EUR
packaging loose (without EAN code)	**R07**	**0,39**
packaging bag	**R07W**	**0,49**



Description	Colour	Index	EUR
1/2 conical rosette	chrome		

Packaging	Index	EUR
packaging loose (without EAN code)	**R03**	**0,29**
packaging bag	**R03W**	**0,39**



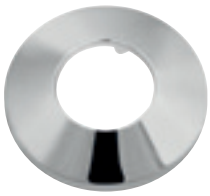
Description
1/2 flat rosette

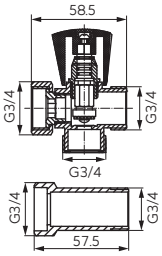
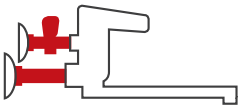
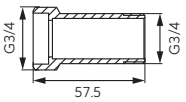
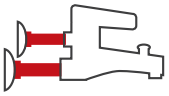
Packaging	Index	EUR
packaging loose (without EAN code)	**R04**	**0,29**
packaging bag	**R04W**	**0,39**

	Description	Colour	Index	EUR
	**3/4" square rosette for mixers** • dimensions: 60 x 60 mm • height: 20 mm	chrome	**R22W**	**2,69**
	**3/4" square rosette for mixers** • dimensions: 60 x 60 mm • height: 20 mm	black	**R26BLW**	**2,66**
	**3/4" cylindrical rosette for mixers** • diameter: 60 mm • height: 20 mm	chrome	**R21W**	**0,99**
	**3/4" cylindrical rosette for mixers** • diameter: 60 mm • height: 20 mm	black	**R25BLW**	**1,81**
	**Rosette for washbasin** • diameter :25 mm	white	**RUB25**	**0,49**
	**Rosette for washbasin**	chrome		

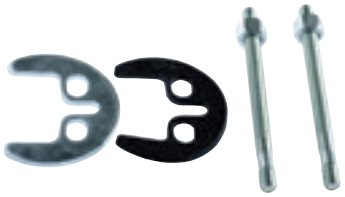
Diameter	Index	EUR
19 mm	**RUC19**	**0,89**
25 mm	**RUC25**	**0,69**

ROSETTES

	Description	Colour	Index	EUR
	**Rossette** • diameter: 40 mm	white	**R40**	**0,49**
	**Rossette** • diameter: 50 mm	white	**R50**	**0,49**
	**Siphon rosette** • hole diameter: 32 mm	white	**ROS32**	**0,49**
	**Siphon rosette** • hole diameter: 32 mm • diameter: 70 mm - flat	chrome	**ROS32P**	**0,89**

	Description	Colour	Index	EUR
	**Mixer stand** • 1 pc in set	chrome	P52	17,49
 	**Washing machine connection valve** • with 3/4 extension • nominal pressure: 1.0 MPa (10 bar) • maximum working temperature: 100°C	chrome	Z250	9,99
   	**Faucet extension G3/4**	chrome	P480	3,99
	**Cover for the tap hole in the wash basin** • brass	chrome	Z35	2,99
	**Cover for the tap hole in the wash basin**	white	Z37	2,69

MIXERS MOUNTING ACCESSORIES



Description	Colour	Index	EUR
Mixer mounting kit			

Packaging	Index	EUR
packaging loose (without EAN code)	ZM002	0,49
packaging bag	ZM002W	0,69



Description	Colour	Index	EUR
Mixer mounting kit			

Packaging	Index	EUR
packaging loose (without EAN code)	ZM003	0,49
packaging bag	ZM003W	0,69



Description	Colour	Index	EUR
Mixer mounting kit			

Packaging	Index	EUR
packaging loose (without EAN code)	ZM004	0,69
packaging bag	ZM004W	0,89



Description	Colour	Index	EUR
Mixer mounting kit			

Packaging	Index	EUR
packaging loose (without EAN code)	ZM005	0,69
packaging bag	ZM005W	0,99



Description	Colour	Index	EUR
G3/4xG1/2 mixer reduction	chrome	R05	1,59



Description	Colour	Index	EUR
Mixer saddle M18x1.5 left-handed thread			

Packaging	Index	EUR
packaging bag	008001W	0,99



Description	Colour	Index	EUR
Standard mixer saddle			

Packaging	Index	EUR
packaging loose (without EAN code)	008005	0,99
packaging bag	008005W	1,95



Description	Colour	Index	EUR
Mixer mounting kit • packaging: bag			

Packaging	Index	EUR
packaging loose (without EAN code)	008003	2,99
packaging bag	008003W	1,89



Description	Colour	Index	EUR
Mixer saddle M18x1.5 left-handed thread			

Packaging	Index	EUR
packaging loose (without EAN code)	010001	1,69
packaging bag	010001W	1,49



Description	Colour	Index	EUR
Nut cover 010001 for wall-mounted mixer	red		

Packaging	Index	EUR
packaging bag	OSL1W	0,29

MIXERS MOUNTING ACCESSORIES



Description	Colour	Index	EUR
Teflon tape			

			Packaging	
Dimensions	Index	EUR	individual	bulk
12 x 10 x 1,205 mm	T01	0,29	1 pcs	1000 pcs
12 x 10 x 0,1 mm	T04	0,39	1 pcs	1000 pcs
19 x 15 x 0,2 mm	T05	1,49		

	Description	Colour	Index	EUR
	Washbasin drain rubber plug	white	KORSU42	0,49
	Washbasin drain rubber plug	white	KORSU42N	0,69
	Sink drain plug	white	KORSZ51	0,59
	Sink / shower rubber plug	white	KORZ45N	0,69
	Sink plug with chain	white	KORL40	1,99
	Sink plug with chain	white	KORZL52	1,99

	Description	Colour	Index	EUR
	**Sink drain plug with strainer** • Ø113 mm		KORSZ113	3,49
	**Sink drain plug with strainer** • Ø 90 mm		SPZ90K	7,99

	Description	Colour	Index	EUR
	**Washbasin metal strainer**	chrome	**SMU1**	**0,69**
	**Sink metal strainer**	chrome	**SMZ1**	**0,79**
	**Strainer for cleaning the sink**	chrome	**SCCZ**	**1,19**
	**Stainless screw for sink drain**		**SNZS**	**1,69**
	**Stainless screw**			

Dimensions	Index	EUR
Stainless sink screw M6x30	**SNZ30**	**0,49**
Stainless washbasin screw M6x60	**SNU60**	**0,59**

CAPS AND REDUCTIONS



Description	Colour	Index	EUR
Rubber plug • 50 mm	black	**ZG50**	**0,89**



Description	Colour	Index	EUR
Rubber plug • 32 mm	black	**ZG32**	**0,69**



Reduction gasket white

Dimensions	Index	EUR
32/25 mm	**USRD3225**	**0,69**
40/25 mm	**USRD4025**	**0,69**
40/32 mm	**USRD4032**	**0,69**
50/25 mm	**USRD5025**	**0,79**
50/32 mm	**USRD5032**	**0,79**
50/40 mm	**USRD5040**	**0,79**
50/45 mm	**USRD5045**	**0,99**
56/32 mm	**USRD5632**	**0,89**
56/45 mm	**USRD5645**	**0,89**
60/32 mm	**USRD6032**	**1,29**
60/45 mm	**USRD6045**	**1,29**



Reduction gasket black

Dimensions	Index	EUR
50/32 mm	**USRD5032C**	**0,79**
50/40 mm	**USRD5040C**	**0,89**



Description	Index	EUR
Reducing connector • 110x100	**ZR110**	**1,39**

	Description	Colour	Index	EUR
	**Lower cistern funnel**	white	**LSD1**	**0,79**
	**Upper cistern funnel**	white	**LSG1**	**0,79**

GASKETS



G1/2 gasket for shower hoses with mesh filter

Packaging	Index	EUR
packaging loose (without EAN code)	CF250	0,49
packaging bag	CF250W	0,89



Gasket G3/4 for flush-mounted mixers with mesh filter

Packaging	Index	EUR
packaging loose (without EAN code)	CF260	0,49
packaging bag	CF260W	0,99



Mixer headpart O-ring black

Dimensions	Packaging		Index	EUR
1/2"	packaging bag	5 pcs	ORGB12	0,49
3/8"	packaging bag	5 pcs	ORGB38	0,49



Mixer headpart O-ring 6,3 x 2,4 black ORGW6324 0,39

- packed by 5 pieces



Spout O-ring black

- packed by 5 pieces

Dimensions	Index	EUR
1/2"	ORGW12	0,39
3/4"	ORGW34	0,49



Shower hose rubber gasket without filter CF240G 0,49

- 1/2"
- packed by 5 pieces



Description	Colour	Index	EUR
Ceramic head gasket • packed by 5 pieces	red	**USG05**	**1,69**



Description	Colour	Index	EUR
Mixer rubber gasket without filter • 3/4" • packed by 5 pieces	black	**CF270G**	**0,49**

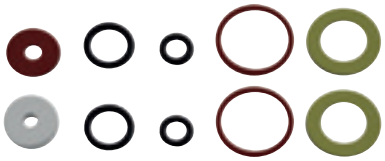


Description	Colour
Washing machine hose gasket + gasket without filter	black

Dimensions	Index	
1/2"	**USWP12**	**0,59**
3/4"	**USWP34**	**0,59**



Description	Index	EUR
Set of rubber gaskets for mixer	**USZBAT1**	**0,49**



Description	Index	EUR
Set of silicone gaskets for mixer	**USZBAT2**	**0,59**



Description
Set of gaskets for spout

Dimensions	Index	
1/2"	**USZWYL12**	**0,39**
3/4"	**USZWYL34**	**0,39**

GASKETS



Description	Colour	Index	EUR
Set of gaskest for mixer diverter		**USZP**	**0,59**

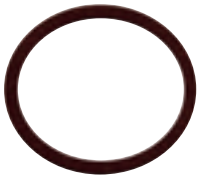


Hose fiber gasket without filter
- packed by 5 pieces

Dimensions	Index	
1/2"	**CF210F**	**0,39**
3/8"	**CF220F**	**0,39**



Hose rubber gasket without filter — **CF230G** — **0,39**
- 3/8"
- packed by 5 pieces



Fiber gasket for headpart
- packed by 5 pieces

Dimensions	Index	
3/8"	**USGF38**	**0,37**
1/2"	**USGF12**	**0,39**
3/4"	**USGF34**	**0,59**



Silicone gasket for headpart — white
- packed by 5 pieces

Dimensions	Index	
3/8"	**USGG38S**	**0,69**
1/2"	**USGG12S**	**0,59**
3/4"	**USGG34S**	**0,69**



Flat fiber gasket — **USP12** — **0,49**
- 1/2"



Description	Colour	Index	EUR
Wedge gasket for washbasin siphon • 32 mm • packed by 2 pieces	black	**USKS32**	**0,49**



Description	Colour	Index	EUR
Wedge gasket for sink siphon • 40 mm • packed by 2 pieces	black	**USKS40**	**0,49**



Description	Colour	Index	EUR
Wedge gasket for toilet cistern siphon • 32 mm • packed by 2 pieces	black	**USKD**	**0,49**



Description	Colour	Index	EUR
Gasket for toilet elbow pipe	black	**USPK**	**0,99**



Description	Colour
Lip sealing ring • packed by 2 pieces	black

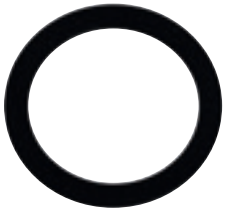
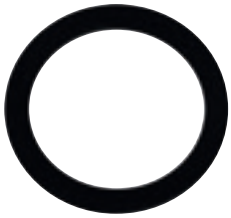
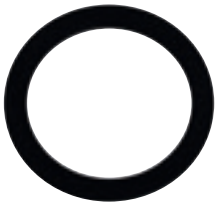
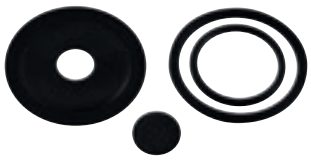
Dimensions	Index	
32 mm	**PUWG32**	**0,39**
40 mm	**PUWG40**	**0,39**

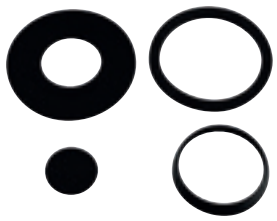


Description	Colour
Bottom toilet cistern seal with edge	black

Dimensions	Index	
66/36 mm	**USD6636**	**0,79**
71/44 mm	**USD7144**	**0,79**

GASKETS

	Description	Colour	Index	EUR
	**Rubber gasket for half-siphon** • 1" • packed by 2 pieces	black	**USPG1**	**0,49**
	**Rubber gasket for washbasin half-siphon** • 5/4" • packed by 2 pieces	black	**USPU54**	**0,49**
	**Rubber gasket for sink half-siphon** • 6/4" • packed by 2 pieces	black	**USPZ64**	**0,49**
	**Sink siphon repair kit**	black		
	Dimensions		**Index**	
	1-bowl		**ZNSZ1**	**0,79**
	2-bowl		**ZNSZ2**	**0,99**
	**Flat gasket for compact WC unit**	black		
	Dimensions		**Index**	
	60/31 mm		**USPD6031**	**0,79**
	64/31 mm		**USPD6431**	**0,79**
	66/17 mm		**USPD6617**	**0,79**
	66/36 mm		**USPD6636**	**0,79**
	68/17 mm		**USPD6817**	**0,79**
	70/24 mm		**USPD7024**	**0,79**
	71/44 mm		**USPD7144**	**0,79**
	**Toilet cistern repair kit**	black	**ZNPD**	**0,89**

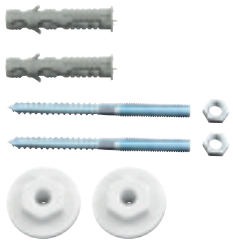
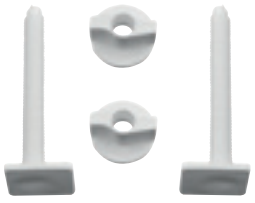


Description	Colour	Index	EUR
Toilet cistern repair kit	black	**ZNPDN**	**0,89**



Description	Colour
Rubber foam gasket for compact WC unit	black

Dimensions	Index	
10,0 mm x 7 mm	**UKPG1**	**1,49**
10,9 mm x 6 mm	**UKPG2**	**1,49**
10,9 mm x 7 mm	**UKPG3**	**1,49**
8,4 mm x 6 mm	**UKPG4**	**0,99**

	Description	Colour	Index	EUR
	**Washbasin fixing set**	white		
	Dimensions		**Index**	
	8 mm x 100 mm		**KMU100**	**0,99**
	8 mm x120 mm		**KMU120**	**0,99**
	8 mm x140 mm		**KMU140**	**1,19**
	**Toilet mounting kit**	white	**ZMWB**	**0,69**
	**Toilet mounting kit**	chrome	**ZMWC**	**1,29**
	**Toilet seat fixing set B203** • plastic	white	**ZMDB203T**	**4,49**
	**Toilet seat fixing set B202** • plastic	white	**ZMDB202T**	**2,29**
	**Toilet seat fixing set B203** • metal	white	**ZMDB203M**	**3,99**

	Description	Colour	Index	EUR
	**WC compact unit fixing screws** • L-78 mm		SMZ78	2,49

Description	Colour	Index	EUR
Bath mixer switch			

mixers	Index	EUR
Smile, Ascoli	**P001AG**	**6,99**
Padwa, Werona	**26-SWITCH**	**5,49**
Cassino, Capri	**20-SWITCH**	**7,99**
Modena	**41-SWITCH**	**9,99**
Ancona	**65-SWITCH**	**4,99**
Vasto	**BVA-SWITCH**	**3,97**
Standard, Retro (from 2019)	**BST-SWITCH-H-Q**	**6,99**
Retro New (from 2019)	**XD-SWITCH-H-Q**	**14,99**



INSTALLATION & HEATING TECHNIQUE



FLOOR SYSTEMS
274



MANIFOLDS AND ACCESSORIES
283



HEATING CONTROL
306



HYDRAULIC FITTINGS
309



MEASURING DEVICES
350



GAS FITTINGS
356



CONTROL AND SAFETY FITTINGS
364



EXPANSION VESSELS
370



FITTINGS
379



CENTRAL HEATING & DOMESTIC HOT WATER INSTALLATION KITS
393



PUMPS
402



RADIATOR AND ACCESSORIES
417



RADIATOR FITTINGS
432



SPARE PARTS
454

Complete FERRO system

The complementarity of FERRO products guarantees the consistency of the solution in terms of price effectiveness, purchase consolidation as well as comprehensive service and investment support.



Bathroom radiators
These are not only devices providing heat, but also an important element of interior design. Thanks to models in various shapes, colors and sizes, you can perfectly match the radiator to your needs.

Page 418



Decorative thermostatic sets
A wide range of radiator fittings and thermostats, including decorative sets in many colours. Regardless of the type, size and colour of your radiators, you can easily equip your heating system with the necessary control equipment.

Page 446



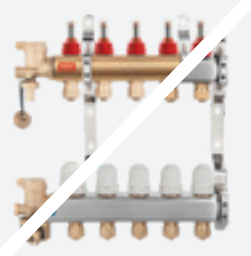
Mixing groups
are an indispensable element of equipment for surface heating systems, including floor heating. There are several models on offer, dedicated to radiators of different sizes and parameters.

Page 301



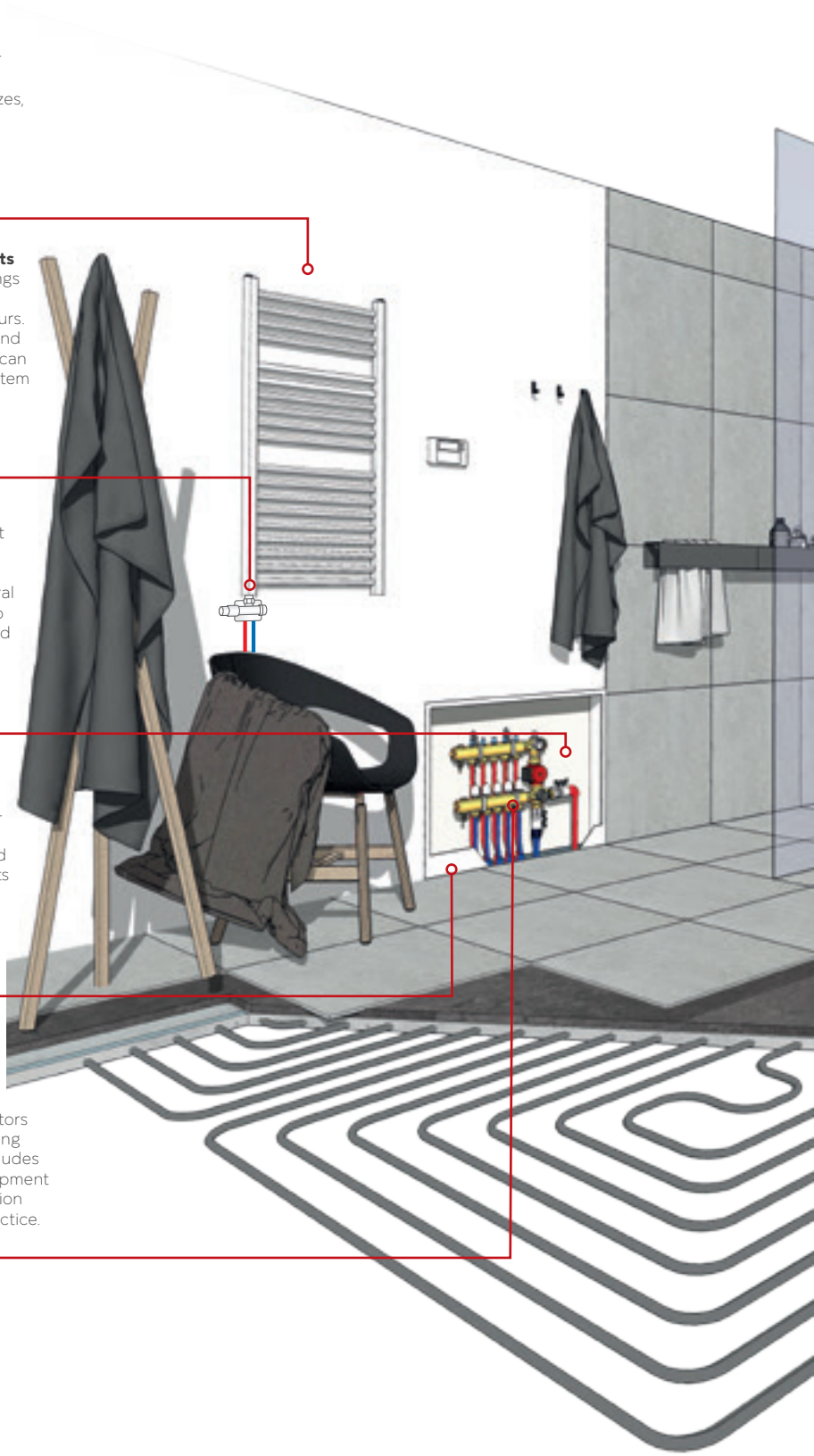
Manifold cabinets
They enable manifolds and their accessories to be assembled aesthetically. You will find a wide range of flush-mounted and surface-mounted cabinets in various lengths, depths and heights, as well as models with adjustable dimensions.

Page 299

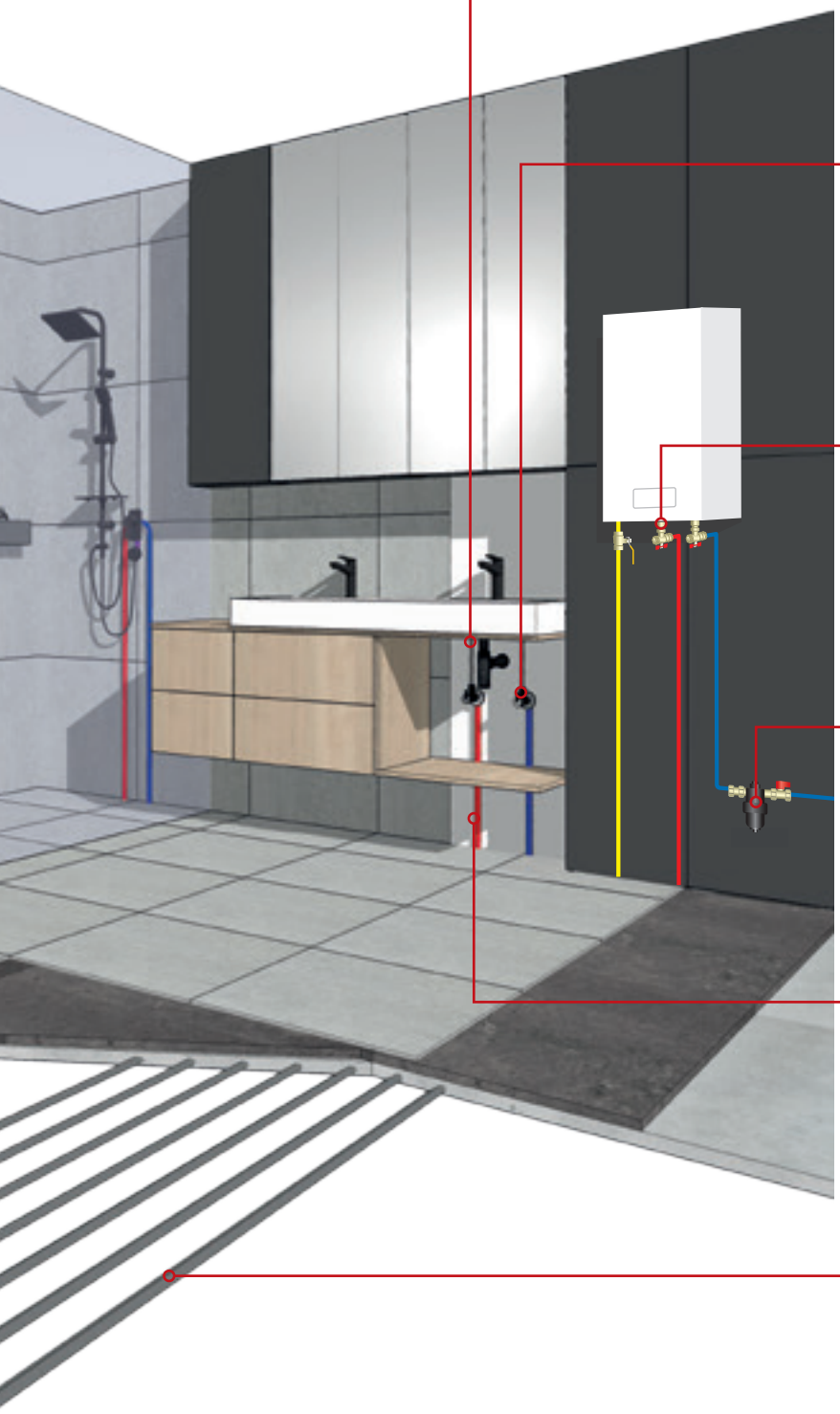


Manifolds
They are indispensable devices in every modern radiator installation, both with classic convection radiators and surface radiators, including floor radiators. The range includes models with a variety of equipment and fittings to suit all installation solutions encountered in practice.

Page 285



The FERRO system is an opportunity to fully realize your endeavour based on proven FERRO high quality components. Complementarity of the offer shall undoubtedly save time and guarantee reliability, harmony and functionality of the solution.





Connection hoses
They are an indispensable component wherever there is a need for a flexible connection between system components. We offer hoses in a wide range of lengths, types and connection diameters.

Page 346



Angle valves
Enable connection of household appliances such as washing machine, dishwasher, faucet, gas cooker, etc. In FERRO's offer you can choose from many models, differing in style, purpose and functionality.

Page 340



Gas fittings
A wide range of gas fittings products, including: gas ball valves, gas filters, gas hoses

Page 356



Magnetic dirt separator
They are devices used in various systems, especially in heating, cooling and industrial installations, to remove contaminants such as rust, metal filings and other particles from the working fluid.

Page 331



Connectors
In the wide range of fittings for different types of installations, you will find fittings for homogeneous and multilayer plastic pipes, steel pipes and copper pipes.

Page 277



Ferro System Surface heating and plumbing
Multilayer flexible pipe for use in heating, hot water and cold water installations.

Page 275

Production process

FERRO's production is carried out in several modern factories around the world based on the highest quality raw materials and components from reliable suppliers from Europe and Asia.
We have our own production plant in Znojmo (Czech Republic) with a modern logistics centre. This, combined with our location in the heart of Europe, ensures efficient and effective distribution between the Group companies and to the various European and global markets. Before leaving the factories, all products undergo a meticulous quality control, which ensures that our customers receive a proven, reliable product that provides many years of comfortable operation.

The factory in Znojmo has a modern CNC machining plant, its own glassworks, assembly line, electroplating line, as well as faucet folding and polishing stations. The plant has almost 40 years of production tradition. Today not only mixers are manufactured there, but also bathroom accessories, bathroom fittings and brass distributors. The plant also boasts a fully automated chrome-plating plant with closed water circulation, adapted to the latest environmental requirements.



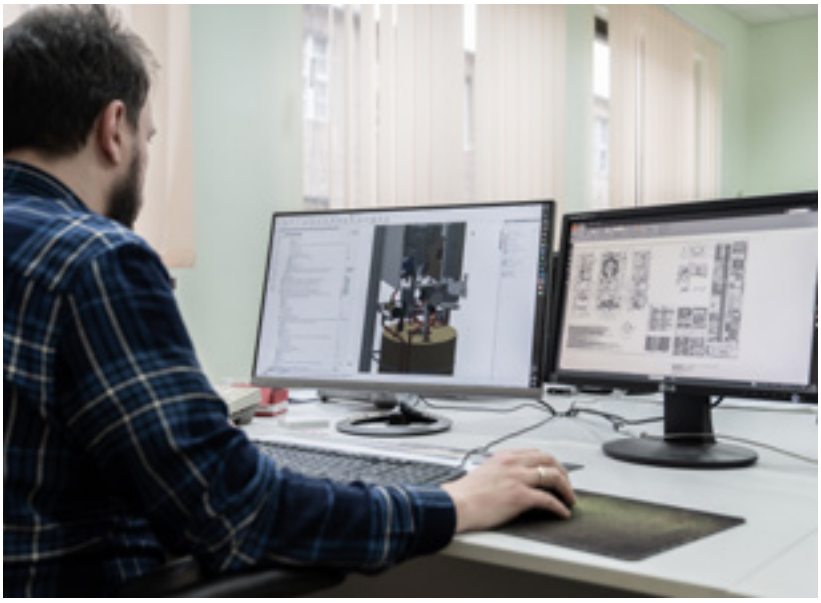




Experience and passion

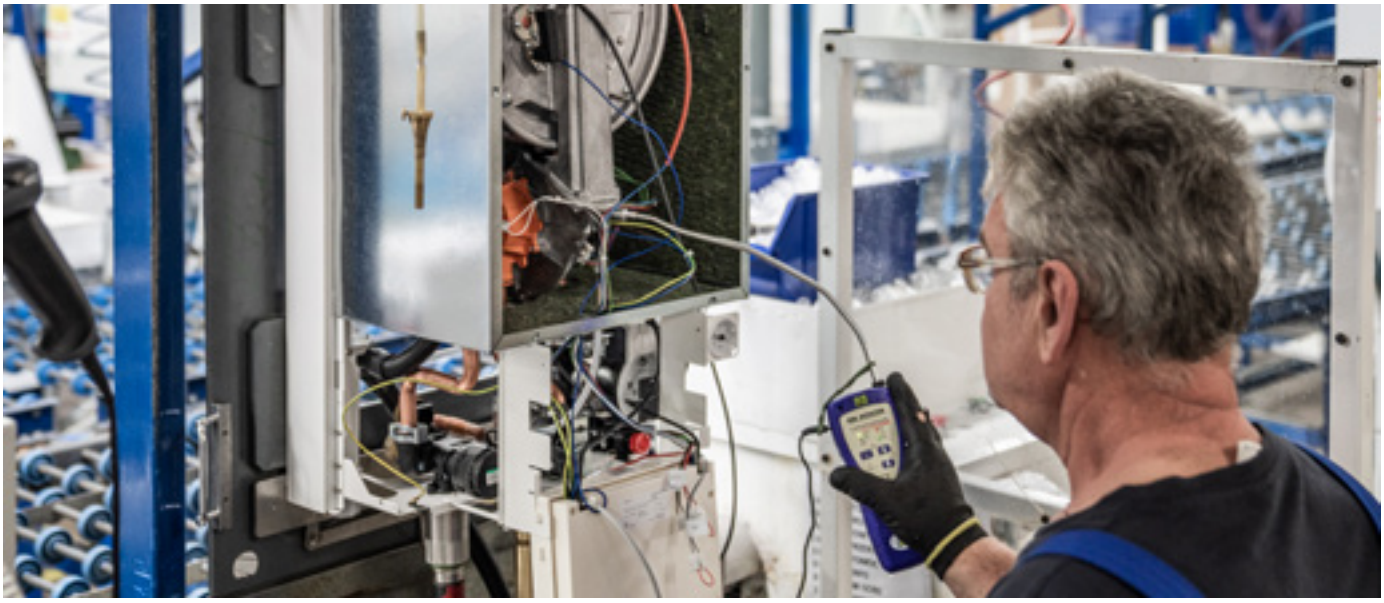
Our company and its success is created by people who constitute the most valuable asset of the Group. FERRO's organizational culture is created by people with passion and open-mindedness, which is why we employ exceptional employees and ensure their continuous development. We believe that an appropriate incentive system, good working conditions and team partnership help to work effectively, develop employees and influence the further development of the company. In our daily activities we are guided by values that allow us to build an extraordinary working atmosphere.

WE WORK WITH EXTRAORDINARY PEOPLE BECAUSE IT IS THANKS TO THEM THAT WE ACHIEVE EXTRAORDINARY RESULTS.



PEOPLE

Our team consists of almost half a thousand people from all over Europe. The experience of our long-time employees is complemented by a fresh look of these younger ones, thanks to which we realize creative ideas and implement innovative solutions together. And, together we create an energetic, efficient organization that values teamwork, mutual respect and continuous improvement.



Proven in action

Our products are regularly awarded and honoured for their robust quality and high standard of workmanship. Many of them have won valuable distinctions granted by the environment and industry institutions and reputable interior design, construction and financial magazines.

The FERRO Group places particular emphasis on meeting the requirements of current standards, maintaining high technical parameters, safety and functionality of its products. That is why we have implemented the ISO 9001:2015 Quality Management System.

RELIABLE TECHNOLOGY AND EUROPEAN STANDARDS



What matters
is the details

At every stage of production, FERRO attaches great importance to details, both in terms of their perfect execution and finish. Thanks to this, every product of the company is characterized by the highest quality and impeccable appearance.

QUALITY CONTROL AND PAYING ATTENTION TO DETAIL

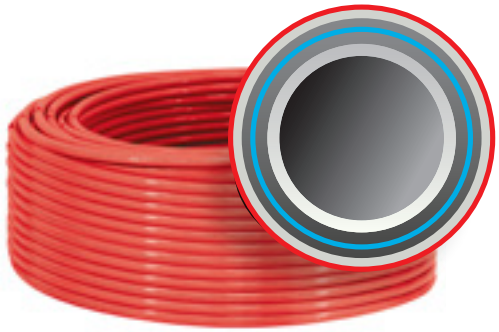




QUALITY UNDER SCRUTINY

FERRO takes care of the excellent quality of its products. The company puts particular emphasis on meeting the requirements of the applicable standards, maintaining high technical parameters, safety and functionality of products. All the company's products are subject to extremely accurate and restrictive quality verification procedures. They are inspected at every production stand. The correct course of quality control processes is supervised by highly qualified engineers responsible for quality and product certification. The auditors check compliance with the procedures of the quality assurance system. These include the procedures specified by the Polish PN and European PN-EN series standards and the procedures related to the Quality Management System.

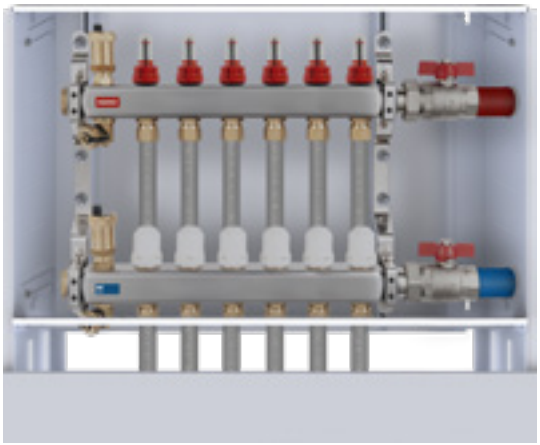
Underfloor heating



FERRO is adding pipes and fittings to its range of PEX and PERT underfloor heating systems. This continues the expansion of the product range. Together with heat sources of the TERMET brand and the existing FERRO offer, it will allow investors to create an individually designed and energy-efficient heating system. The choice of FERRO and TERMET products is a guarantee of durability, reliability, easy operation of the heating system and, what is extremely important, availability of spare parts. The company has been present on the market for many years and is well known to installers. Every investment is different. We have the right products for each.



Valves
and manifolds



Manifolds and valves are important components in every central heating and sanitary installation. FERRO products are designed for both single-family and multi-family housing, as well as industrial construction. FERRO offers a wide range of these products. FERRO's manifold production includes a range of brass and steel manifolds for heating and manifolds for potable water gaining increasing popularity in modern house and building designs. All provide installations with trouble-free operation for years. Our valves and manifolds undergo meticulous quality control before leaving the factory floor. We are close to the zero waste philosophy, which is why we package them in eco-friendly cardboard packaging. By choosing FERRO, you are assured of the durability and reliability of our products.



Floor systems

FERRO SYSTEM



F-POWER PIPES
275



F-COMFORT PIPES
275

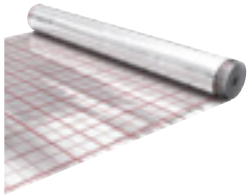


COMPRESSION FITTINGS
277

ACCESSORIES



ASSEMBLY TOOLS
280



ACCESSORIES
381

FERRO system



F-Power PEXa/EVOH

F-POWER PEX PEXa Pipe is a high-density, cross-linked, high-density polyethylene, made using the peroxide method with an EVOH oxygen barrier. The high degree of cross-linking of the pipes ensures long-term pressure and temperature resistance.The main advantage of the oxygen barrier is its effectiveness in protecting against the penetration of oxygen molecules. Pipes can be connected by means of twist and press fittings.

Application

- Surface heating and cooling
- Cold and hot water installations
- Drinking water installations

F-COMFORT PERT 5-layer pipe

F-COMFORT PERT pipe is made from second-generation PERT II/EVOH/PERT II polyethylene, making it more resistant to high temperatures and pressures. The EVOH (anti-diffusion barrier) layer is located between the inner and outer layers of PERT II. As with F-Power PEX pipes, the pipes can be connected using twist and press fittings..

Application

- Surface heating and cooling
- Cold and hot water installations
- Drinking water installations

PERT SYSTEM



F-Comfort PERT EVOH 5-layer pipe

NEW

- outer diameter 16 mm, 17 mm
- wall thickness 2 mm
- five layers - anti-diffusion barrier EVOH
- material PERT II - polyethylene with improved thermal resistance second generation
- mechanical characteristics: class 4, class 5
- maximum operating temperature 90°C

DN	length	Index	EUR	Packaging individual	Packaging bulk
16x2 mm	250 m	FCPERT16250*	134,99	1 pcs.	11 pcs.
16x2 mm	600 m	FCPERT16600*	323,99	1 pcs.	6 pcs.
17x2 mm	250 m	FCPERT17250*	159,99	1 pcs.	11 pcs.
17x2 mm	600 m	FCPERT17600*	383,99	1 pcs.	6 pcs.



F-Power PEXa/EVOH

NEW

- outer diameter 16 mm, 17 mm
- wall thickness 2 mm
- anti-diffusion barrier EVOH
- PEXa material - high degree of pipe cross-linking provides long-term pressure and temperature resistance
- mechanical characteristics: class 4, class 5
- maximum operating temperature 95°C

DN	length	Index	EUR	Packaging individual	Packaging bulk
16x2 mm	250 m	FPPEX16250*	172,99	1 pcs.	11 pcs.
16x2 mm	600 m	FPPEX16600*	413,99	1 pcs.	6 pcs.
17x2 mm	250 m	FPPEX17250*	197,99	1 pcs.	11 pcs.
17x2 mm	600 m	FPPEX17600*	473,99	1 pcs.	6 pcs.

* availability in Q2 2025



Description

Compression fitting for multilayer and homogeneous pipes

- for multilayer pipes
- for homogeneous pipes
- sealing: EPDM o-ring
- brass CW617N
- guaranteed connection to Ferro pipes: F-Comfort, F-Power, F-pro
- universal application

dimension			Index	EUR	Packaging individual	Packaging bulk	Detal Index	Detal EUR
3/4"-16x2 mm	set – 2 pcs.		67861612Y	4,99	1 set (2 pcs.)	130 sets	67861612Y	4,99
3/4"-17x2 mm	set – 2 pcs.	NEW	67861712Y*	5,99	1 set (2 pcs.)	130 sets	67861712Y*	5,99



Compression fitting for multilayer and homogeneous pipes

- for multilayer pipes
- for homogeneous pipes
- sealing: EPDM o-ring
- brass CW617N
- guaranteed connection to Ferro pipes: F-Comfort, F-Power, F-pro
- universal application

dimension		Index	EUR	Packaging individual	Packaging bulk	Detal Index	Detal EUR
1/2"-16x2 mm	set – 2 pcs.	ZL15PEXAL	4,49	1 set (2 pcs.)	50 sets	ZL15PEXAL	4,49

* availability in Q2 2025

COMPRESSION FITTINGS

	Description						
	**1/2" threaded compression fitting** • for 16 x 2 mm homogeneous plastic pipes						
				Packaging		Retail	
dimension	Index	EUR		individual	bulk	Index	EUR
1/2"-16x2 mm set – 2 pcs.	**ZL15PEX**	**4,49**		1 set (2 pcs)	50 set	**ZL15PEX**	**4,49**
	**1/2" threaded compression fitting** • for 15 mm copper pipes						
				Packaging		Retail	
dimension	Index	EUR		individual	bulk	Index	EUR
1/2"-15x1 mm set – 2 pcs.	**ZL15CU15**	**3,49**		1 set (2 pcs)	50 set	**ZL15CU15**	**3,49**
	**3/4" threaded compression fitting** • for 16 x 2 mm homogeneous plastic pipes						
				Packaging		Retail	
dimension	Index	EUR		individual	bulk	Index	EUR
3/4"-16x2mm set – 2 pcs.	**67841612Y**	**4,99**		1 set (2 pcs)	130 set	**67841612Y**	**4,99**
	**3/4" threaded compression fitting** • for 15 mm copper pipes						
				Packaging		Retail	
dimension	Index	EUR		individual	bulk	Index	EUR
3/4"-15x1mm set – 2 pcs.	**67761500Y**	**3,69**		1 set (2 pcs)	130 set	**67761500Y**	**3,69**

APPLICATION OF 1/2" COMPRESSION FITTINGS →
Manifolds series SN-RO, SN-RZP, N-RZP, N-RNZ
Nipples: N10PORT-C7NEW, N10ZORZL-C7NEW
Sanitary manifolds: RDW

APPLICATION OF 3/4" COMPRESSION FITTINGS →
Manifolds series SN-RZPU, SN-ROU, RO, RZP, RPN.
Radiator valves: LZ06YK, LZ07YK, LZ06YKN, LZ07YKN .
Thermostatic sets: ZTV01, ZTV02, ZTV07, ZTV08, ZTV20, ZTV21
Nipples: N10ZOR, N10POR

Description					
		**Compression fitting** • with 1/2" male thread • with O-ring, for 15 mm copper pipes			
				Packaging	
dimension		Index	EUR	individual	bulk
1/2"-15x1 mm	chrome	**ZL1501C**	**1,79**	1 pcs	10 pcs
1/2"-15x1 mm	nickel	**ZL1501N**	**1,79**	-	10 pcs
		**Compression fitting** • with 1/2" male thread • with O-ring, for 16 x 2 mm multilayer pipes			
				Packaging	
dimension		Index	EUR	individual	bulk
1/2"-16x2 mm	chrome	**ZL1601C**	**2,49**	1 pcs	10 pcs
1/2"-16x2 mm	nickel	**ZL1601N**	**2,49**	1 pcs	10 pcs
		**G3/4xG1/2 radiator nipple** • with O-ring			
				Packaging	
		Index	EUR	individual	bulk
flat gasket		**69190000Y**	**0,99**	100 pcs	800 pcs
conical gasket		**69190001Y**	**0,99**	100 pcs	800 pcs



Description

Calibrator
tool for calibrating and internal deburring of tubes

NEW

- for multilayer tubes
- for homogeneous tubes
- calibrating mandrel for different diameters and walls
- integrated deburring blades

			Packaging		Retail (Eurohanger)	
application to dimensions	Index	EUR	individual	bulk	Index	EUR
16x2, 20x2, 26x3, 32x3	FPCL1632*	29,99	1 pcs.		FPCL1632*	29,99



Scissors
plastic pipe cutting tool

NEW

- high quality tool for cutting plastic pipes
- sturdy aluminium and alloy construction
- for one-hand operation

			Packaging	
use for plastic pipes	Index	EUR	individual	bulk
16x2,20x2,26x3,32x3	FPCU1632*	8,99	1 pcs.	



Uncoiler
tool to assist laying of heating loops

NEW

- high-quality steel
- lightweight and functional design
- intuitive use
- package includes bag and fitting elements

			Packaging	
use for plastic pipes	Index	EUR	individual	bulk
16x2,20x2,26x3,32x3	FPFA*	139,99	1 pcs.	



Tacker
tool to aid in the laying of heating loops

NEW

- ergonomic handle
- weight - replaceable
- precision clip positioning
- spring support

			Packaging	
capacity	Index	EUR	individual	bulk
magazine 100 pcs.	FPTC*	149,99	1 pcs.	

* availability in Q2 2025



Tacer clips - standard NEW

- fixing of 14 - 20 mm pipes on underfloor heating system insulation

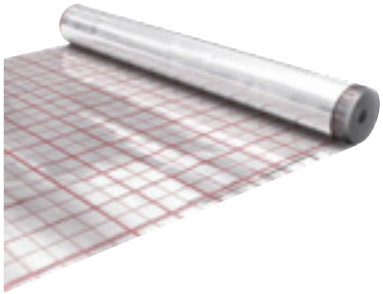
dimension	Index	EUR	Packaging individual	bulk
50 mm/for pipes 14-20 mm	TC50*	5,89	300 pcs.	



Edge strip - self-adhesive NEW

- 8 mm thick plastic
- 180 mm PE foil
- optionally available with self-adhesive foil

	Index	EUR	Packaging individual	bulk
notches	TB25*	8,99	25 pcs.	
notches	TB50*	16,99	50 pcs.	
notches + self-adhesive foil	TBK25*	10,99	25 pcs.	
notches + self-adhesive foil	TBK50*	19,99	50 pcs.	



Aluminium foil for underfloor heating NEW

- multi-layer construction
- High compression resistance
- High heat reflectance
- special print to facilitate laying of loops

dimension	Index	EUR	Packaging individual	bulk
0.105 mm x 100 cm x 50 LM	F50*	36,99	50. m²	



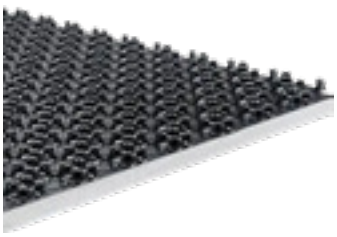
Polystyrene mat with aluminium foil for underfloor heating NEW

- polystyrene foam 30 mm
- high quality aluminium foil with high heat reflectance
- Special imprint for easy looping
- High bending strength
- quick, easy installation

dimension	Index	EUR	Packaging individual	bulk
0.31 cm x 100 cm x 10 LM	FS30*	4,99	10 m²	

* availability in Q2 2025

ACCESSORIES



Description

Polystyrene mat with poiliester board for underfloor heating

NEW

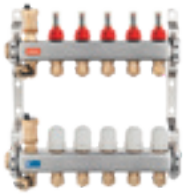
- polystyrene foam 30 mm
- stability and stability of pipe support - 14-18 mm
- possibility to run the pipe in different directions
- high deformation resistance
- quick, easy assembly
- overlap for correct connection of panels to each other

			Packaging	
dimension	Index	EUR	individual	bulk
1450x850x318	PTS30*	13,49	10 pcs.	

* availability in Q2 2025

Manifolds
and accessories

MANIFOLDS



STAINLESS STEEL MANIFOLDS
285



BRASS MANIFOLDS
288

ACCESSORIES



EXTENSION KITS FOR MANIFOLFS
293

CABINETS



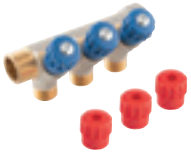
MANIFOLD CABINETS
299

MIXING GROUPS



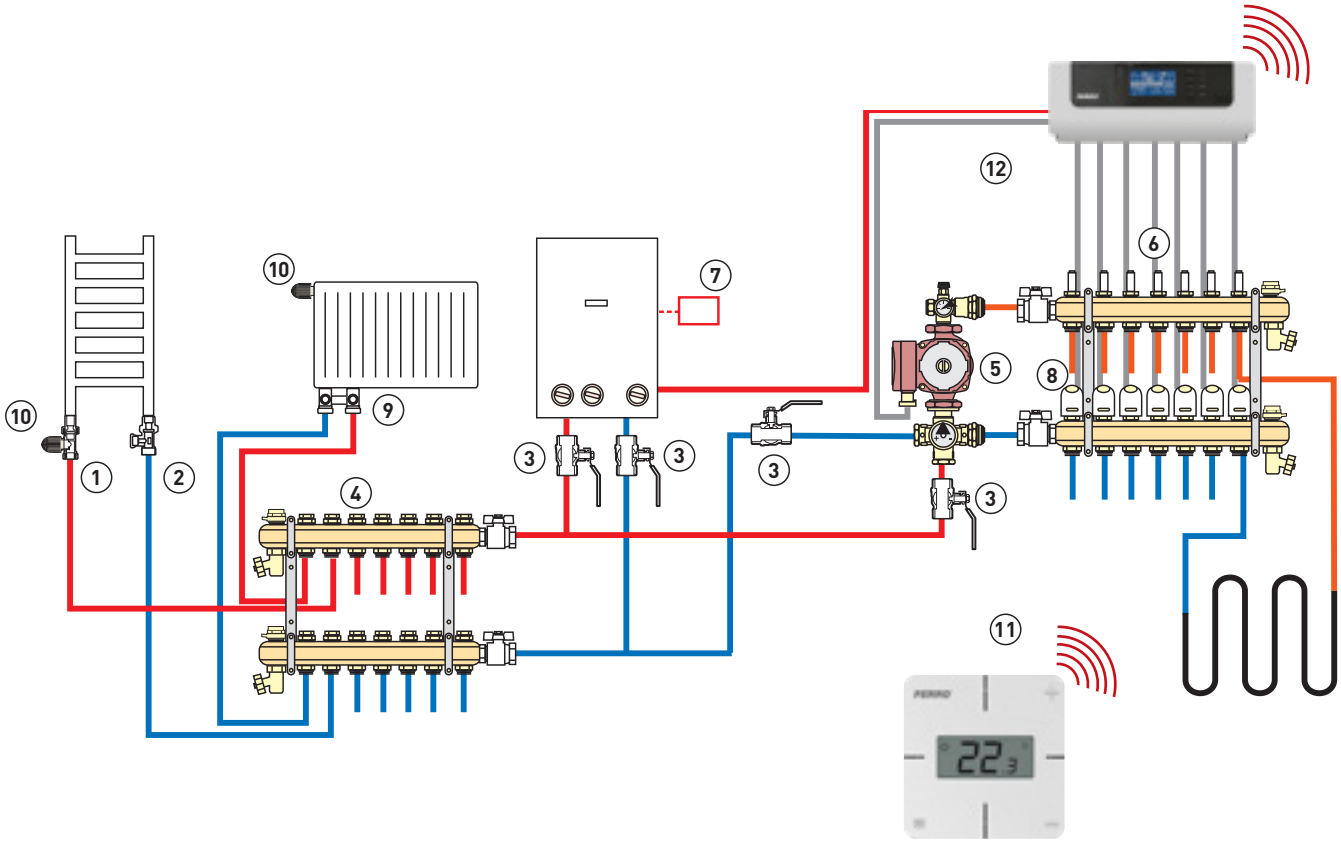
MIXING GROUPS
301

SANITARY MANIFOLDS



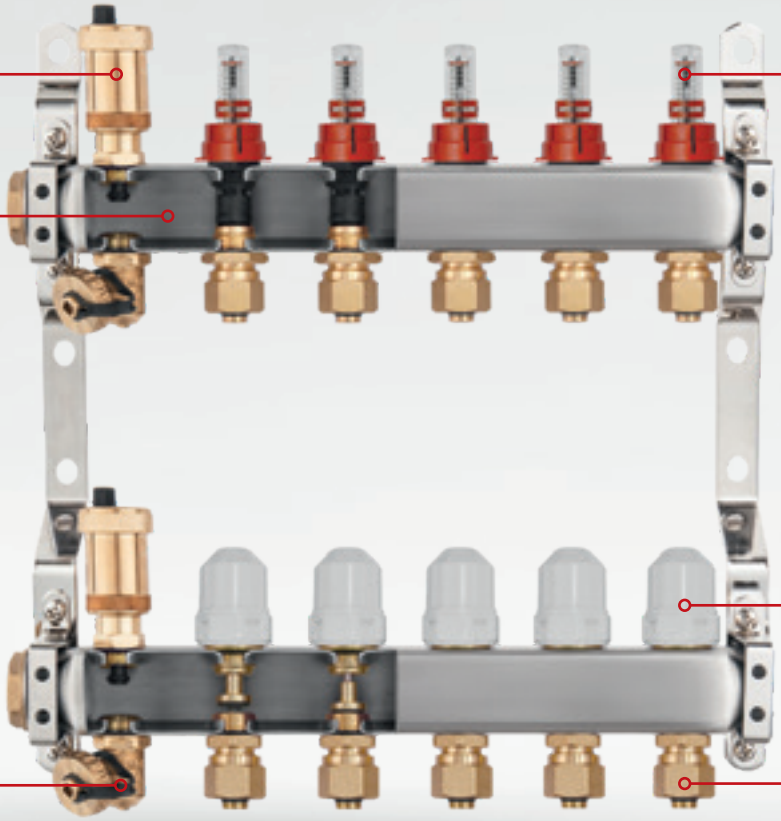
SANITARY MANIFOLDS
303

Installation diagram



1. Thermostatic valve ZT
2. Return valve ZP
3. Cut-off ball valve
4. RO manifold
5. Thermostatic mixing group GM
6. RZP manifold
7. Room temperature regulator
8. Thermoelectric head
9. Composite valve LZ
10. Thermostatic head
11. Weekly regulator
12. Floor heating control strip

Stainless
steel manifolds



Automatic air vent

Stainless steel manifold beam AISI 304

Drain valve

High quality flow meters

Thermostatic valves

Compression fittings for multilayer pipe 16 x 2 mm

WARRANTY 15

AISI 304

GLYCOL 50%

H_2O

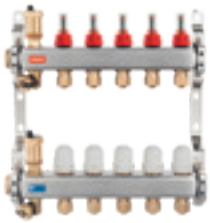
Advantages:

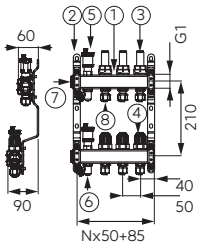
- precise and robust design
- high quality materials
- 11 models of each type
- execution: stainless steel AISI 304 (manifold beams)

Characteristics:

Manifolds consist of two beams with 1" connection diameter, made of AISI 304 stainless steel, which ensures maximum resistance to corrosion and thus guarantees long-term, failure-free operation. An additional element of the durability of the devices are special grips with rubber insulation that suppresses vibrations and noise. Grips give the structure rigidity and at the same time maintain a constant distance between beams. Designed to work in systems with convection heaters or for installation in surface heating - they perfectly fulfil the function of a connector of heating system elements while optimizing the fitter's work.

STAINLESS STEEL MANIFOLDS





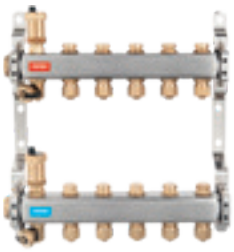
AISI 304

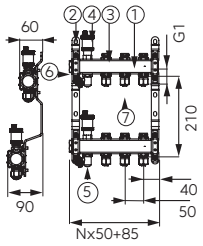
GLIKOL 50%

SN-RZP 1" manifold

- 2 - 12-way bar, 2 pcs (1)
- set of steel brackets (2)
- flow meters on supply bars regulating flow (3)
- thermostatic valves on the return bars fitted with knobs for manual regulation with possibility of connecting thermoelectric head (4)
- G1/2 automatic vent valves, 2 pcs (5)
- G1/2 swivel drain valves, 2 pcs (6)
- G1 brass plugs, 2 pcs (7)
- G1/2 nipples with 16 x 2 mm multilayer pipe connectors (8)

	EAN		Packaging	
	Index	EUR	individual	bulk
1" 2-way manifold	SN-RZP02S	74,99	1 pcs	-
1" 3-way manifold	SN-RZP03S	89,99	1 pcs	-
1" 4-way manifold	SN-RZP04S	104,99	1 pcs	-
1" 5-way manifold	SN-RZP05S	129,99	1 pcs	-
1" 6-way manifold	SN-RZP06S	139,99	1 pcs	-
1" 7-way manifold	SN-RZP07S	159,99	1 pcs	-
1" 8-way manifold	SN-RZP08S	179,99	1 pcs	-
1" 9-way manifold	SN-RZP09S	199,99	1 pcs	-
1" 10-way manifold	SN-RZP10S	219,99	1 pcs	-
1" 11-way manifold	SN-RZP11S	239,99	1 pcs	-
1" 12-way manifold	SN-RZP12S	259,99	1 pcs	-





AISI 304

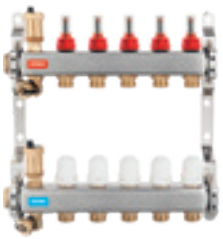
GLIKOL 50%

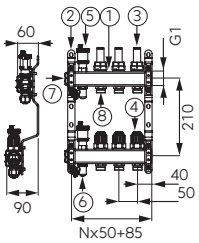
SN-RO 1" manifold

- 2 - 12-way bar, 2 pcs (1)
- set of steel brackets (2)
- cut-off valves on supply and return bar (3)
- G1/2 automatic vent valves, 2 pcs (4)
- G1/2 swivel drain valves, 2 pcs (5)
- G1 brass plugs, 2 pcs (6)
- G1/2 nipples with 16 x 2 mm multilayer pipe connectors (7)

	EAN		Packaging	
	Index	EUR	individual	bulk
1" 2-way manifold	SN-RO02S	64,99	1 pcs	-
1" 3-way manifold	SN-RO03S	79,99	1 pcs	-
1" 4-way manifold	SN-RO04S	89,99	1 pcs	-
1" 5-way manifold	SN-RO05S	99,99	1 pcs	-
1" 6-way manifold	SN-RO06S	119,99	1 pcs	-
1" 7-way manifold	SN-RO07S	139,99	1 pcs	-
1" 8-way manifold	SN-RO08S	149,99	1 pcs	-
1" 9-way manifold	SN-RO09S	159,99	1 pcs	-
1" 10-way manifold	SN-RO10S	179,99	1 pcs	-
1" 11-way manifold	SN-RO11S	189,99	1 pcs	-
1" 12-way manifold	SN-RO12S	199,99	1 pcs	-

Description





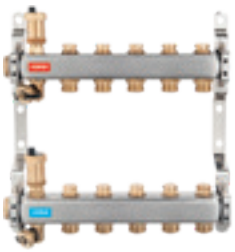
AISI 304

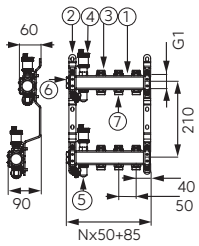
GLIKOL 50%

SN-RZPU 1" manifold

- 2 - 12-way bar, 2 pcs (1)
- set of steel brackets (2)
- flow meters on supply bars regulating flow (3)
- thermostatic valves on the return bars fitted with knobs for manual regulation with possibility of connecting thermoelectric head (4)
- G1/2 automatic vent valves, 2 pcs (5)
- G1/2 swivel drain valves, 2 pcs (6)
- G1 brass plugs, 2 pcs (7)
- G1/2 x G3/4 nipples (8)

	Index	EAN	EUR	Packaging individual	Packaging bulk
1" 2-way manifold	SN-RZPU02S		64,99	1 pcs	-
1" 3-way manifold	SN-RZPU03S		79,99	1 pcs	-
1" 4-way manifold	SN-RZPU04S		94,99	1 pcs	-
1" 5-way manifold	SN-RZPU05S		109,99	1 pcs	-
1" 6-way manifold	SN-RZPU06S		124,99	1 pcs	-
1" 7-way manifold	SN-RZPU07S		139,99	1 pcs	-
1" 8-way manifold	SN-RZPU08S		159,99	1 pcs	-
1" 9-way manifold	SN-RZPU09S		169,99	1 pcs	-
1" 10-way manifold	SN-RZPU10S		189,99	1 pcs	-
1" 11-way manifold	SN-RZPU11S		209,99	1 pcs	-
1" 12-way manifold	SN-RZPU12S		229,99	1 pcs	-





AISI 304

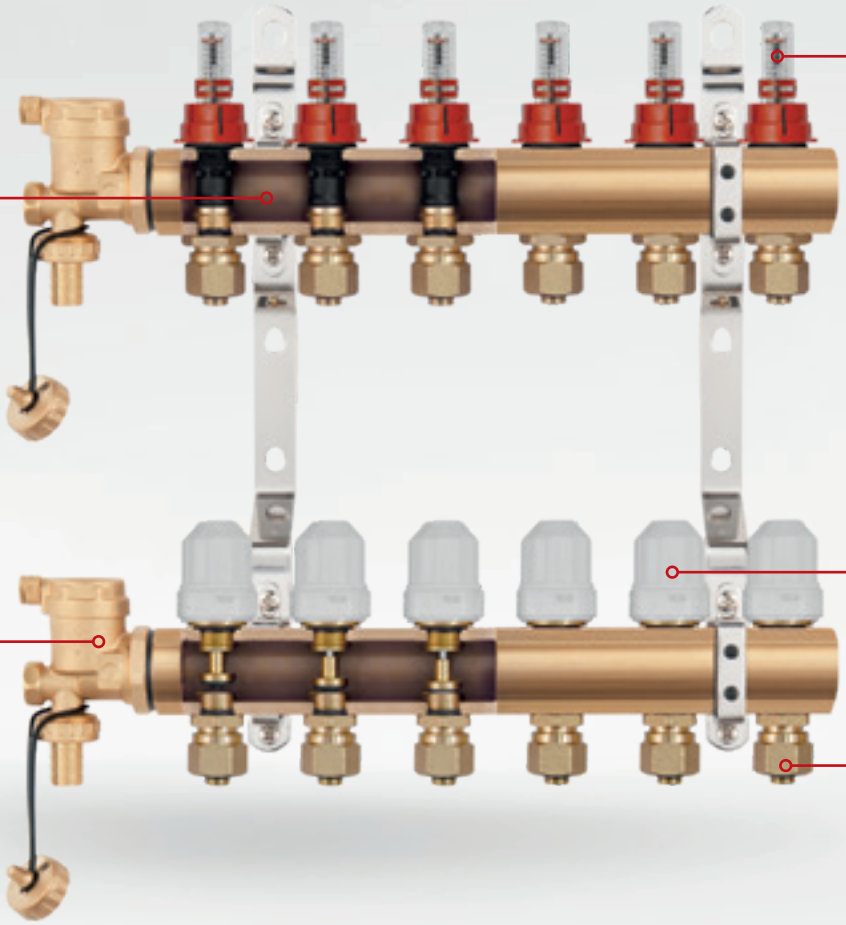
GLIKOL 50%

SN-ROU 1" manifold

- 2 - 12-way bar, 2 pcs (1)
- set of steel brackets (2)
- cut-off valves on supply and return bar (3)
- G1/2 automatic vent valves, 2 pcs (4)
- G1/2 swivel drain valves, 2 pcs (5)
- G1 brass plugs, 2 pcs (6)
- G1/2 x G3/4 nipples (7)

	Index	EAN	EUR	Packaging individual	Packaging bulk
1" 2-way manifold	SN-ROU02S		56,99	1 pcs	-
1" 3-way manifold	SN-ROU03S		69,99	1 pcs	-
1" 4-way manifold	SN-ROU04S		79,99	1 pcs	-
1" 5-way manifold	SN-ROU05S		89,99	1 pcs	-
1" 6-way manifold	SN-ROU06S		99,99	1 pcs	-
1" 7-way manifold	SN-ROU07S		109,99	1 pcs	-
1" 8-way manifold	SN-ROU08S		129,99	1 pcs	-
1" 9-way manifold	SN-ROU09S		139,99	1 pcs	-
1" 10-way manifold	SN-ROU10S		149,99	1 pcs	-
1" 11-way manifold	SN-ROU11S		159,99	1 pcs	-
1" 12-way manifold	SN-ROU12S		169,99	1 pcs	-

Brass manifolds



Brass manifold beam CW617N

Air vent and drain unit

High quality flow meters

Thermostatic valves

Compression fittings for multilayer pipe 16 x 2 mm

WARRANTY 15

CW 617N

GLYCOL 50%

H_2O

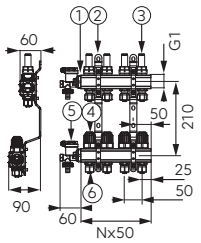
Advantages:

- precise and robust design
- high quality materials
- 11 models of each type
- execution: brass CW617N (manifold beams)

Characteristics:

Brass manifolds are the basic element of a central heating system. They are used in systems with convection radiators, floor radiators and mixed systems. Manifolds enable precise regulation of installations and reliable operation of the whole heating system.





CW 617N

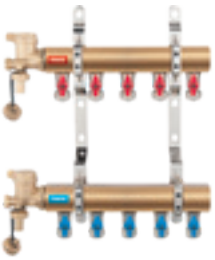
GLIKOL 50%

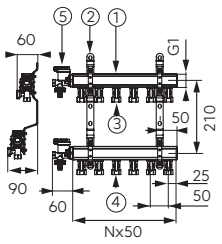
N-RZP 1" manifold

- 2 - 12-way manifold bar, 2 pcs (1)
- set of steel brackets (2)
- flow meters on the supply bars for regulating flow (3)
- thermostatic valves on the return bar fitted with knobs for manual regulation with possibility of connecting thermoelectric head (4)
- G1 automatic air vents and drain units with brass hose connectors, 2 pcs (5)
- G1/2 nipples with 16 x 2 mm multilayer pipe connectors (6)

EAN

	Index	EUR	Packaging	
			individual	bulk
1" 2-way manifold	N-RZP02S	69,99	1 pcs	-
1" 3-way manifold	N-RZP03S	89,99	1 pcs	-
1" 4-way manifold	N-RZP04S	119,99	1 pcs	-
1" 5-way manifold	N-RZP05S	129,99	1 pcs	-
1" 6-way manifold	N-RZP06S	159,99	1 pcs	-
1" 7-way manifold	N-RZP07S	179,99	1 pcs	-
1" 8-way manifold	N-RZP08S	199,99	1 pcs	-
1" 9-way manifold	N-RZP09S	219,99	1 pcs	-
1" 10-way manifold	N-RZP10S	229,99	1 pcs	-
1" 11-way manifold	N-RZP11S	259,99	1 pcs	-
1" 12-way manifold	N-RZP12S	289,99	1 pcs	-





CW 617N

GLIKOL 50%

N-RO 1" manifold

- 2 - 12-way manifold bar, 2 pcs (1)
- set of steel brackets (2)
- G1/2 ball valves with 16 x 2 mm multilayer pipe connection on supply bar (with red butterfly handle) (3) and return bar (with blue butterfly) (4)
- G1 automatic air vents and drain units with brass hose connectors, 2 pcs (5)

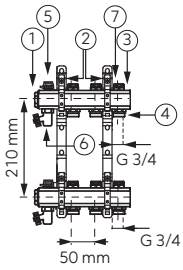
EAN

	Index	EUR	Packaging	
			individual	bulk
1" 2-way manifold	N-RO02S	64,99	1 pcs	-
1" 3-way manifold	N-RO03S	79,99	1 pcs	-
1" 4-way manifold	N-RO04S	89,99	1 pcs	-
1" 5-way manifold	N-RO05S	99,99	1 pcs	-
1" 6-way manifold	N-RO06S	119,99	1 pcs	-
1" 7-way manifold	N-RO07S	149,99	1 pcs	-
1" 8-way manifold	N-RO08S	159,99	1 pcs	-
1" 9-way manifold	N-RO09S	169,99	1 pcs	-
1" 10-way manifold	N-RO10S	179,99	1 pcs	-
1" 11-way manifold	N-RO11S	199,99	1 pcs	-
1" 12-way manifold	N-RO12S	219,99	1 pcs	-

BRASS MANIFOLDS

	Description



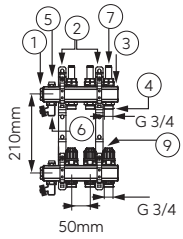


RO 1" manifold

- 2-12-way 1", 2 pcs (3)
- set of steel brackets (2)
- cut-off valves on the supply and return bar (7)
- G1/2 manual air vent valve, 2 pcs (5)
- G1/2 swivel drain valve 2 pcs (6)
- G1 plug (1)
- G1/2 x G3/4 nipples (4)

			Packaging	
	Index	EUR	individual	bulk
1" 2-way manifold	RO02S	64,99	1 pcs	-
1" 3-way manifold	RO03S	79,99	1 pcs	-
1" 4-way manifold	RO04S	94,99	1 pcs	-
1" 5-way manifold	RO05S	104,99	1 pcs	-
1" 6-way manifold	RO06S	119,99	1 pcs	-
1" 7-way manifold	RO07S	139,99	1 pcs	-
1" 8-way manifold	RO08S	149,99	1 pcs	-
1" 9-way manifold	RO09S	169,99	1 pcs	-
1" 10-way manifold	RO10S	189,99	1 pcs	-
1" 11-way manifold	RO11S	199,99	1 pcs	-
1" 12-way manifold	RO12S	219,99	1 pcs	-





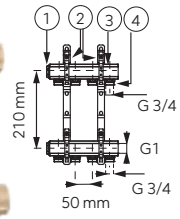
RZP 1" manifold

- 2-12-way 1", 2 pcs (3)
- set of steel brackets (2)
- flow meters on the supply bars for regulating flow (7)
- thermostatic valves on the return bar fitted with knobs for manual regulation with possibility of connecting thermoelectric head (9)
- G1/2 manual air vent valve, 2 pcs (5)
- G1/2 swivel drain valve, 2 pcs (6)
- G1 plug (1)
- G1/2 x G3/4 nipples(4)

			Packaging	
	Index	EUR	individual	bulk
1" 2-way manifold	RZP02S	79,99	1 pcs	-
1" 3-way manifold	RZP03S	99,99	1 pcs	-
1" 4-way manifold	RZP04S	109,99	1 pcs	-
1" 5-way manifold	RZP05S	129,99	1 pcs	-
1" 6-way manifold	RZP06S	149,99	1 pcs	-
1" 7-way manifold	RZP07S	169,99	1 pcs	-
1" 8-way manifold	RZP08S	189,99	1 pcs	-
1" 9-way manifold	RZP09S	209,99	1 pcs	-
1" 10-way manifold	RZP10S	234,99	1 pcs	-
1" 11-way manifold	RZP11S	249,99	1 pcs	-
1" 12-way manifold	RZP12S	269,99	1 pcs	-

Description





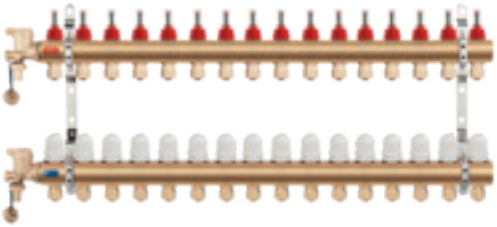
CW 617N
GLIKOL 50%

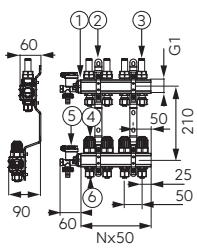
RPN 1" manifold with nipples

- 1" manifold bar 2-12-way, 2 pcs (3)
- set of steel brackets (2)
- G1 plug, 2 pcs (1)
- G1/2 x G3/4 nipples(4)

EAN

	Index	EUR	Packaging individual	Packaging bulk
1" 2-way manifold	RPN02	32,99	1 pcs	-
1" 3-way manifold	RPN03	46,99	1 pcs	-
1" 4-way manifold	RPN04	59,99	1 pcs	-
1" 5-way manifold	RPN05	74,99	1 pcs	-
1" 6-way manifold	RPN06	84,99	1 pcs	-
1" 7-way manifold	RPN07	94,99	1 pcs	-
1" 8-way manifold	RPN08	109,99	1 pcs	-
1" 9-way manifold	RPN09	124,99	1 pcs	-
1" 10-way manifold	RPN10	134,99	1 pcs	-
1" 11-way manifold	RPN11	139,99	1 pcs	-
1" 12-way manifold	RPN12	159,99	1 pcs	-





CW 617N
GLIKOL 50%

Manifold type N-RZP 13-16 1"

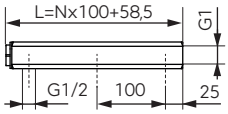
- distributor bar 13 – 16 ways, 2 pcs. (1)
- set of steel handles (2)
- flow meters for regulating flows on the bar supply, range 0-2.5 l/min (3)
- thermostatic valves on the return beam equipped with knobs for manual adjustment possibility of connecting a thermoelectric head (4)
- G1 air and drain units with automatic air vent and valve drain with a brass hose nozzle, 2 pcs (5)
- G1/2 nipples with connectors for 16x2 multilayer pipe mm (6)

EAN

	Index	EUR	Packaging individual	Packaging bulk
1" 13-way manifold	N-RZP13S	309,99	1 pcs	-
1" 14-way manifold	N-RZP14S	329,99	1 pcs	-
1" 15-way manifold	N-RZP15S	349,99	1 pcs	-
1" 16-way manifold	N-RZP16S	369,99	1 pcs	-

Description



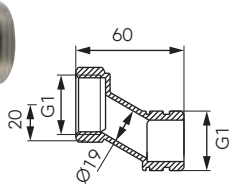


RMD 1" manifold bar

- manifold bar 2-6-way
- 1" brass plug
- one-sided connections
- connection spacing: 100 mm

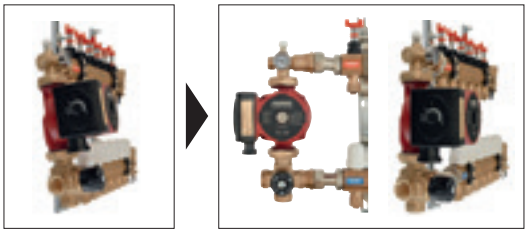
	Index	EUR	Packaging	
			individual	bulk
1" 2-way manifold bar	RMD02	19,99	1 pcs	-
1" 3-way manifold bar	RMD03	29,99	1 pcs	-
1" 4-way manifold bar	RMD04	39,99	1 pcs	-
1" 5-way manifold bar	RMD05	49,99	1 pcs	-
1" 6-way manifold bar	RMD06	59,99	1 pcs	-





mixing group assembly without eccentrics

mixing group assembly by means of eccentrics



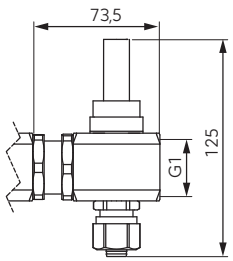
1" eccentric for manifold

- allows to adjust spacing of manifold connections
- simple and easy mounting of mixing groups allowing to achieve vertical position
- 2 pcs per set

	Index	EUR	Packaging	
			individual	bulk
	MR-SET	14,99	1 set (2 pcs)	-

Description



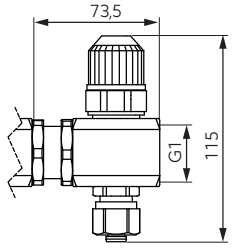


1" extension kit for the distributor, with flow meter

- flow meter for regulating flows on the beam supply, range 0-5 l/min
- G1/2 nipple with a connector for a 16x2 mm multilayer pipe
- 1" nipple with seal included

Index	EUR	Packaging individual	Packaging bulk
N-RKPP-EXT	26,00	1 pcs	-



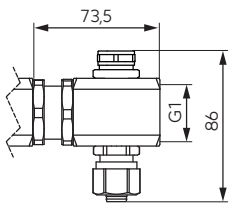


1" extension kit for the distributor, with thermostatic valve

- thermostatic valve equipped with a knob manual adjustment with the option of connecting a head thermoelectric M30x1.5
- G1/2 nipple with a connector for a 16x2 mm multilayer pipe
- 1" nipple with seal included

Index	EUR	Packaging individual	Packaging bulk
N-RKPT-EXT	24,00	1 pcs	-



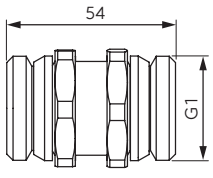


1" extension kit for the distributor, with shut-off valve

- shut-off valve
- G1/2 nipple with a connector for a 16x2 mm multilayer pipe
- 1" nipple with seal included

Index	EUR	Packaging individual	Packaging bulk
N-RKPO-EXT	22,00	1 pcs	-





Brass nipple with seal 1"

Index	EUR	Packaging individual	Packaging bulk
N05ZOR	7,99	1 pcs	-

MANIFOLD ACCESSORIES



1/2" balancing and measuring valve (flowmeter) + 1/2"x3/4" nipple

H [mm]	Index	EUR	Packaging individual	Packaging bulk
39	RKPP-SET39	9,49	1 pcs	-



1/2" balancing and measuring valve (flowmeter) + 1/2"x1/2" nipple + compression fitting for 16x2 mm multilayer pipes

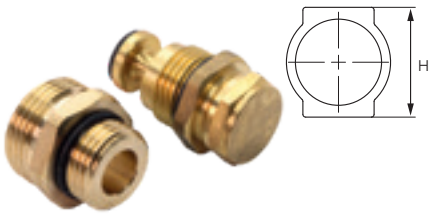
- profile: 39 mm

Index	EUR	Packaging individual	Packaging bulk
RKPP-SET39P12	9,49	1 pcs	-



Thermostatic insert M30x1.5 + 1/2" x 3/4" nipple

H [mm]	Index	EUR	Packaging individual	Packaging bulk
39	RKPT-SET39	4,99	1 pcs	-



Cut-off valve + 1/2" x 3/4" nipple

H [mm]	Index	EUR	Packaging individual	Packaging bulk
39	RKPO-SET39	4,49	1 pcs	-



GLYCOL 50%

1/2" balancing and measuring valve (flowmeter)

- max. working pressure: 0.6 MPa (6 bar)
- max. working temperature: 70°C
- Kvs = 1.1 m³/h
- regulation range: 0 - 5 l/min
- measurement accuracy: ± 10% final value

Index	EUR	Packaging: individual	Packaging: bulk
RKPP-T	7,99	1 pcs	100 pcs



GLYCOL 50%

1/2" balancing and measuring valve (flowmeter)

- maximum working pressure: 0.6 MPa (6 bar)
- maximum working temperature: 60°C
- Kvs = 1.1 m³/h
- regulation range: 0 - 5 l/min
- measurement accuracy: ± 10% final value

Index	EUR	Packaging: individual	Packaging: bulk
RKPP-TP	7,49	1 pcs	-

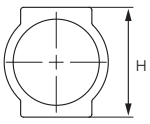


1/2" x 1/2" nipple for RKPP-TP flowmeters

- profile: 39 mm
- compression fitting for 16x2 mm multilayer fittings included

Index	EUR	Packaging: individual	Packaging: bulk
N10PORT-C7NEW	4,99	1 pcs	-





1/2" cut-off valve for the manifold

H [mm]	Index	EUR	Packaging: individual	Packaging: bulk
39	RKPO1-C7	2,49	1 pcs	-

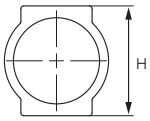
MANIFOLD ACCESSORIES



Thermostatic insert knob M30 x 1.5

Index	EUR	Packaging	
		individual	bulk
RKPT2	0,99	1 pcs	-





Thermostatic insert M30 x 1.5

H [mm]	Index	EUR	Packaging	
			individual	bulk
39	RKPT1-C7	3,29	1 pcs	-



Nipple for thermostatic insert or cut-off valve

- compression fitting for 16x2 mm multilayer fittings included

	Index	EUR	Packaging	
			individual	bulk
1/2" x 1/2"	N10ZORZL-C7NEW	3,99	1 pcs	-



Nipple for thermostatic insert or cut-off valve

	Index	EUR	Packaging	
			individual	bulk
1/2" x 3/4"	N10ZOR	1,99	1 pcs	-



1/2"swivel drain valve with O-ring

- max. working pressure: 10 bar
- max. working temperature: 100°C

Index	EUR	Packaging individual	bulk
ZSR1	4,99	1 pcs	50 pcs

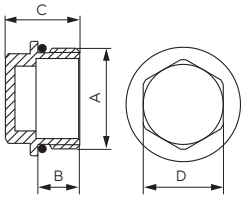


1" air vent and drain unit for manifold

- manifold connection with seal
- automatic air vent
- drain valve with brass hose tip

Index	EUR	Packaging individual	bulk
O25ZSR-C7NEW	12,99	1 pcs	-

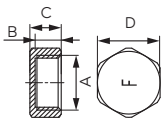




1" manifold plug with O-ring

A	B [mm]	C[mm]	D [mm]	Index	EUR	Packaging individual	bulk
3/4"	11	19,5	21	KOR4ZOR	1,29	1 pcs.	10 pcs
1"	10,5	19,5	28	KOR5ZOR	1,99	1 pcs	10 pcs





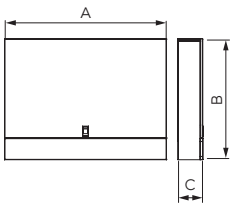
Brass cap with fl at gasket

A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	bulk
G3/4	11,5	13,5	30	ZAS3ZU	1,30	10	250
G1	13	15	36,5	ZAS4ZU	1,97	5	200

MANIFOLD ACCESSORIES

	Description			
	1" manifold bracket set			
			Packaging	
	Index	EUR	individual	bulk
	LC10Y	4,49	1 pcs	40 pcs





Description

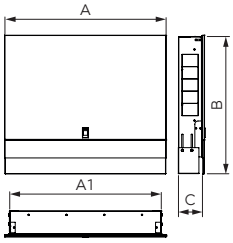
Cabinet for manifold, surface-mounted

NEW

- made entirely of 0.8 mm galvanised sheet metal, laser cut
- powder-coated front, fully removable
- colour: RAL 9016 white
- depth 120 or 170 mm
- manifold mounting rails included
- lockable with plastic clip

A [mm]	B [mm]	C [mm]	Index	EUR	Packaging individual	Packaging bulk
385	575	120	SZN0	41,99	1 pcs.	-
485			SZN1	47,99	1 pcs.	-
610			SZN2	52,99	1 pcs.	-
770			SZN3	57,99	1 pcs.	-
840			SZN4	62,99	1 pcs.	-
1015			SZN5	68,99	1 pcs.	-
1130			SZN6	73,99	1 pcs.	-
610		170	SZN2-170	57,99	1 pcs.	-
840			SZN4-170	73,99	1 pcs.	-
1130			SZN6-170	83,99	1 pcs.	-





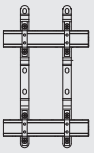
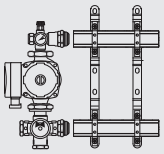
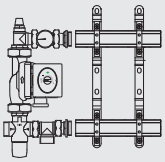
Flush-mounted manifold cabinet

NEW

- made entirely of 0.8 mm galvanised sheet metal, laser cut
  powder-coated front, fully removable
- colour: RAL 9016 white
- depth adjustable
- height adjustable with front fascia pull-out
- manifold mounting rails included
- lockable with plastic clip

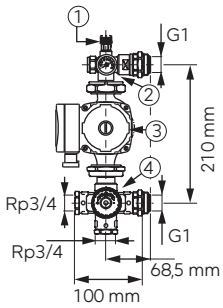
A [mm]	A1 [mm]	B [mm]	C [mm]	Index	EUR	Packaging individual	Packaging bulk
385	345	580-650	115-180	SZP0	41,99	1 pcs.	-
485	445			SZP1	47,99	1 pcs.	-
610	570			SZP2	52,99	1 pcs.	-
770	730			SZP3	57,99	1 pcs.	-
840	800			SZP4	62,99	1 pcs.	-
1015	975			SZP5	68,99	1 pcs.	-
1130	1090			SZP6	73,99	1 pcs.	-

MANIFOLD CABINETS SELECTION

	Index	R	R+GM	R + GM1F
				
	**SZP0**	2	-	-
	SZP1	5	2	2
	SZP2	8	5	4
	SZP3	10	8	7
	SZP4	12	10	8
	SZP5	15	13	12
	SZP6	17	15	14
	**SZN0**	2	-	-
	SZN1	5	-	-
	SZN2	8	-	-
	SZN3	10	-	-
	SZN4	12	-	-
	SZN5	15	-	-
	SZN6	17	-	-
	**SZN2-170**	8	5	4
	SZN4-170	12	10	8
	SZN6-170	17	15	14
			maximum number of manifold circuits	

Description



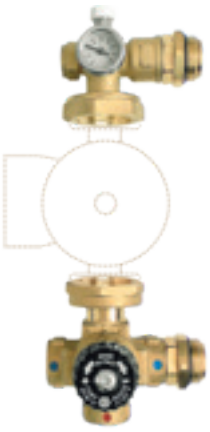


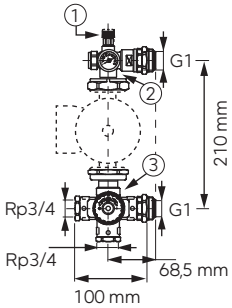
1" underfloor heating mixing group

The group includes:
- 4-way thermostatic valve Rp3/4, temperature adjustment range 25 - 50°C (4)
- electronic circulation pump (3)
- thermometer 0 - 80°C (2)
- manual air vent (1)

Advantages:
- universal for all types of manifolds with a bar spacing of 210 mm
- accurate and easy to control
- pump included
- only 120 mm width of the mounted set

	Index	EUR	Packaging individual	Packaging bulk
with electronic pump 25-4-130 GPAII, Q_{max} = 2,4 m³/h	GM40GPA	269,99	1 pcs	-
with electronic pump 25-6-130 GPAII, Q_{max} = 3,0 m³/h	GM60GPA	289,99	1 pcs	-





1" manifold mixing group for 130 mm pump

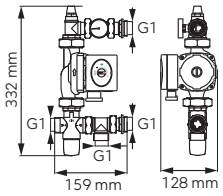
The group includes:
- 4-way thermostatic valve Rp3/4, Kv = 3.5 m³/h with temperature adjustment range 25 - 50°C (3)
- thermometer 0 - 80°C (2)
- manual air vent (1)
- 1 1/2" half unions for pump
- connections to the manifold with O-ring seal

Advantages:
- universal for all types of manifolds with a bar spacing of 210 mm
- accurate and easy to control

Index	EUR	Packaging individual	Packaging bulk
GM-WP	189,99	1 pcs	-

MIXING GROUPS





Description

Mixing group GM1F

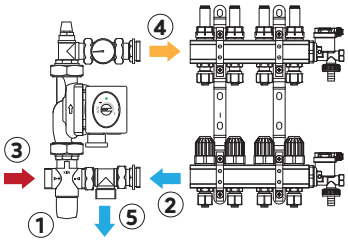
- The mixing group serves to lower and maintain the desired temperature of the heating medium in the surface heating system.

Parameters:
- static pressure (PN): max. 0.4 MPa (4 bar)
- dynamic working pressure: max. 0.3 MPa (3 bar)
- Kv: 1.9 m³/h
- temperature regulation range: 20 - 40°C
- accuracy of regulation: +/- 3°C

The group contains:
- 3-way thermostatic mixing valve
- air vent
- thermometer
- set of unions

Advantages:
- universal group for all manifolds with 210 mm bar spacing
- accurate and easy to control
- reversible

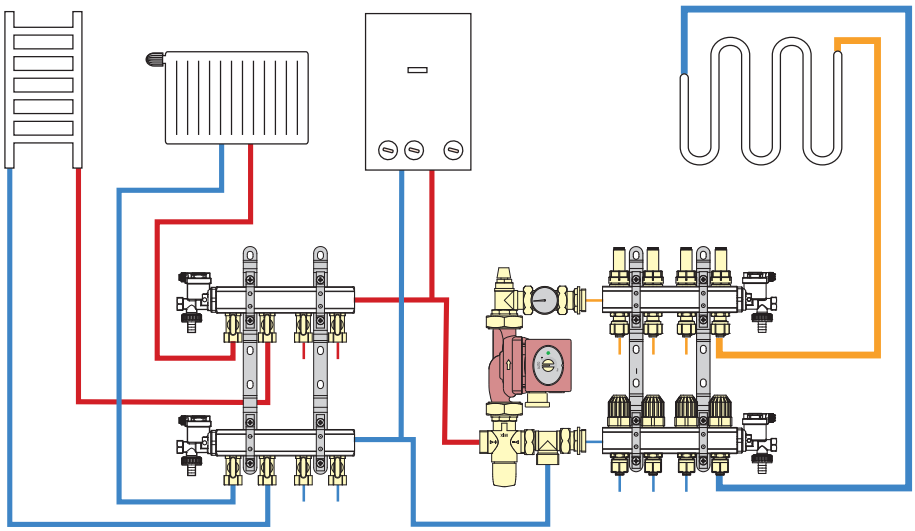
	Index	EUR	Packaging individual	Packaging bulk
with electronic pump 25-4-130 GPAII, Q_{max} = 2,4 m³/h	GM1F-40GPA	249,99	1 pcs	-
with electronic pump 25-6-130 GPAII, Q_{max} = 3,0 m³/h	GM1F-60GPA	249,99	1 pcs	-
without pump	GM1F-WP	199,99	1 pcs	-



1. Thermostatic mixing valve (controls the temperature in the floor system)
2. Return of cold water from the floor heating system
3. Hot medium supply of floor heating system
4. Supplying the floor heating system with a medium of the desired temperature
5. Return to the boiler

Mixed systems with GM1F group

The group reduces and maintains the desired temperature of the heating medium in the surface heating system.



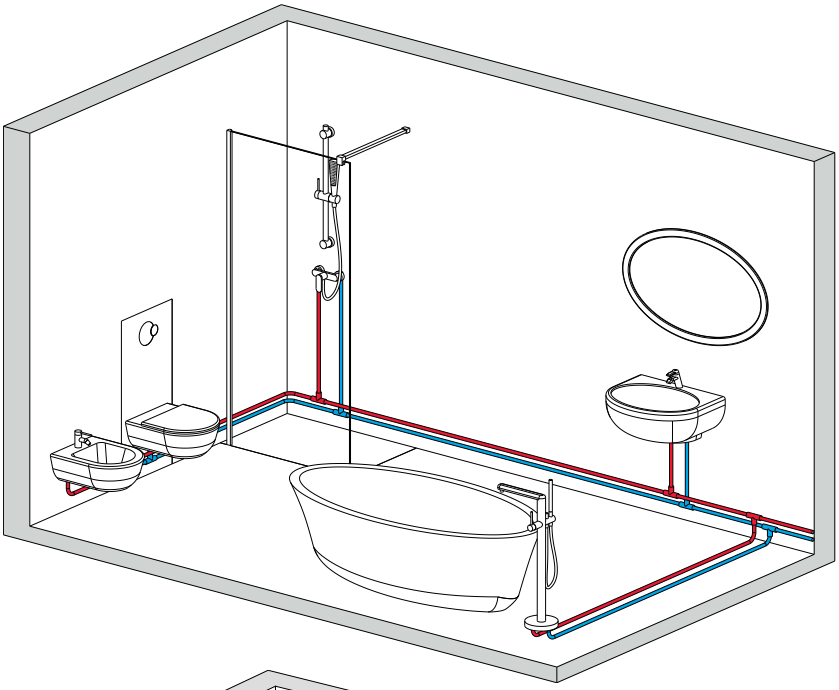
Installation diagram

When doing installation with manifolds, each distribution point (bathroom, kitchen, toilet, washing machine, dishwasher, etc.) is connected directly with a separate outlet in the manifold, which allows to cut off any point if necessary, without having to turn off the flow in entire apartment or building.

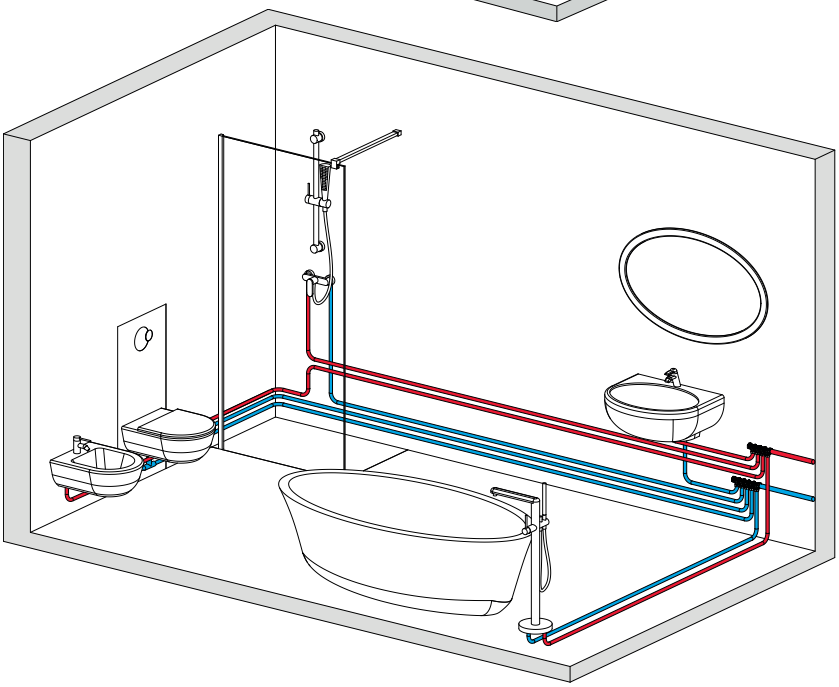
Comparison of expenditures with the use of each system

Type of installation	Branch system	Manifold system
Number of fittings (T-pieces)	7	0
Number of connections	30	20

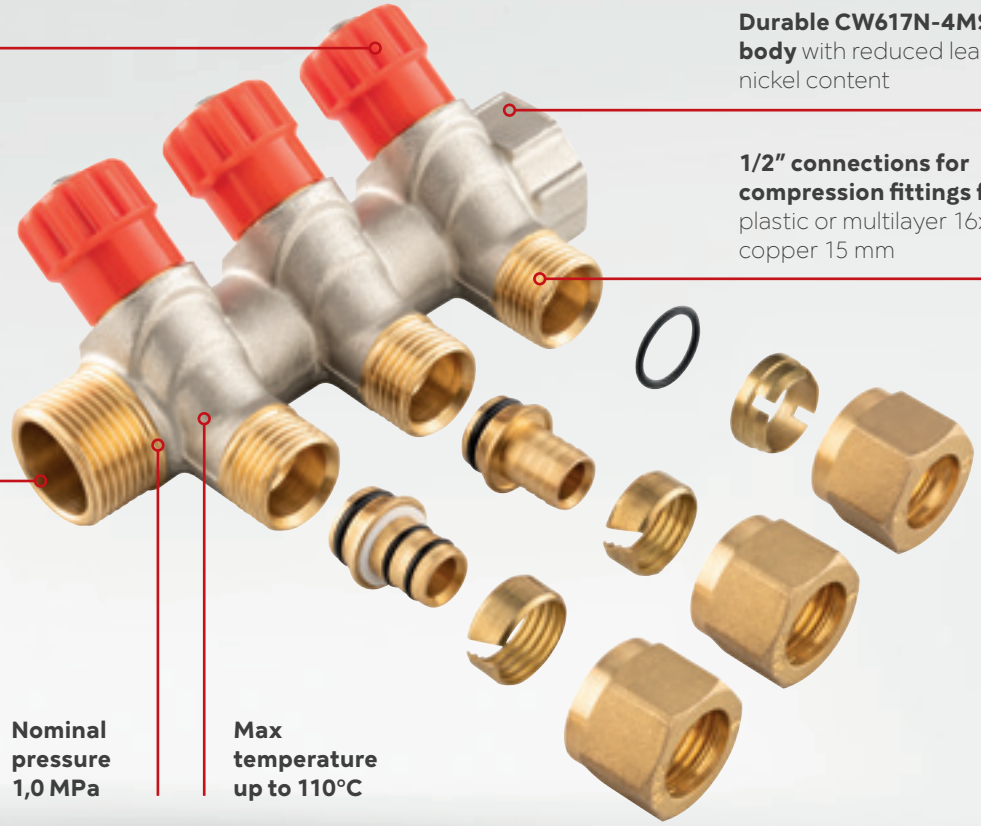
Branch distribution
example →



Manifold distribution
example →



Sanitary manifolds



WARRANTY 15

H_2O

Ni FREE

4MS

Workmanship and materials:

- the forged brass body of the manifold was made with use of Advanced Body Technology of CW617N-4MS brass with reduced lead and nickel content
- the 1/2" outlets are integral elements of the brass beam, and the valve heads are placed at an angle so that they had the least possible influence on the flow through the manifold
- manifolds are adapted for potable water - the surface that is in contact with water (inside of the body and connection threads) is not nickel-plated
- the design of the beam as male-female fitting allows to create manifolds with a greater number of outputs with the modules
- The flow at each output is controlled by poppet type valves, and pipes are connected with 1/2" eurocone type fittings – for 16x2 mm plastic or multi-layer pipes and for 15 mm copper pipes
- due to the fact that usually the number of cold and hot water outlets in buildings is different - manifolds are offered as single beams, and the offer is complemented by sets of dedicated steel brackets for assembling sets consisting of two beams

Application and advantages:

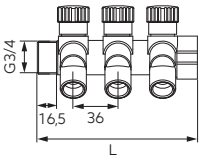
Sanitary manifolds are an increasingly popular alternative to branch distribution of domestic water. The main advantage of this solution is the elimination of the risk associated with making tee pipe connections in hard-to-reach places, e.g. in floors or walls, the repair of which in the event of leakage comes at a high cost. Pipe connections are made only at manifolds and water distribution points, which, together with the saving of time needed to complete the installation, allows to compensate the cost of purchasing the manifold and additional meters of pipe.

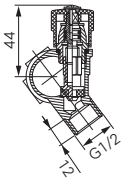
Another advantage of using manifolds is the pressure equalization at all points. When the flow is opened at one point, the pressure drop in the others is much lower than when using a branch distribution, thanks to which, for example, the troublesome effect of water temperature instability is eliminated. It's most often experienced when taking a shower and someone opens other cold water outlet which causes pressure drop in cold water line and rising the temperature in the shower.

Sanitary manifolds are used not only in houses and flats, but also in commercial buildings and public facilities - e.g. in hotels, dormitories, public toilets - where an additional advantage is control over individual outlets from places inaccessible to users. In such cases, sanitary manifolds are most often installed next to the domestic water risers and allow for shutting off the flow in only one device or room, thus ensuring the uninterrupted operation of the rest of the system.

Description





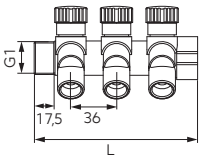


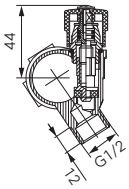
3/4" x 1/2" sanitary manifold

- 3/4" M-F beam, 2-4 ways
- poppet type shut-off valves
- blue and red knobs included
- nominal pressure: 10 bar (PN10)
- maximum temperature: 110°C

	L [mm]	Index	EUR	Packaging individual	Packaging bulk
2-way manifold	93	RDW200200	11,49	1 pcs	40 pcs
3-way manifold	129	RDW200300	16,99	1 pcs	40 pcs
4-way manifold	165	RDW200400	22,99	1 pcs	32 pcs





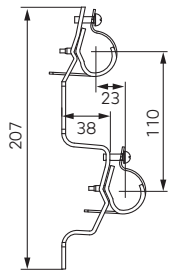


1" x 1/2" sanitary manifold

- 1" M-F brass beam, 2-4 ways
- poppet type shut-off valves
- blue and red knobs included
- nominal pressure: 10 bar (PN10)
- maximum temperature: 110°C

	L [mm]	Index	EUR	Packaging individual	Packaging bulk
2-way manifold	95	RDW250200	13,99	1 pcs	40 pcs
3-way manifold	131	RDW250300	19,99	1 pcs	40 pcs
4-way manifold	167	RDW250400	27,99	1 pcs	32 pcs





Set of brackets for sanitary manifolds

- two bracekt in the set
- equipped with rubber pads
- material: galvanized steel

brackets for manifolds	Index	EUR	Packaging individual	Packaging bulk
3/4"	LC2RDW20	5,49	1 pcs	30 pcs
1"	LC2RDW25	5,49	1 pcs	30 pcs

Heating control

HEATING CONTROL



CONTROL STRIPS
307



RUGULATORS, SENSORS AND CONTROL MODULES
307



THERMOELECTRIC HEADS
308



CONTROLLERS AND THERMOSTATS
308

Description				
	**Thermostatic valve trim for underfloor heating management** NEW • wireless, wired operation possible • wi-fi internet module built into the strip • eModul application • support for up to 4 slave lists • heating and cooling functions • support for 50 actuators • one 230 V output per pump • potential-free contact (e.g. to control a heating appliance)			
			Packaging	
	Index	EUR	individual	bulk
	FL8*	379,99	1 pcs.	-
	**Room controller** NEW • wireless, wired operation • dedicated LCD display • touch-sensitive buttons • room temperature control			
			Packaging	
	Index	EUR	individual	bulk
wired	FTHW*	48,99	1 pcs.	-
wireless	FTHL*	53,99	2 pcs.	-
	**Room sensor** NEW • wireless, wired operation • power supply: 2xAAA 1.5V batteries • 2-wire communication			
			Packaging	
	Index	EUR	individual	bulk
wired	FSW*	25,99	1 pcs.	-
wireless	FSWL*	42,99	1 pcs.	-
	**Floor temperature sensor** NEW • NTC sensor • cable length 1.5 m • polyvinyl chloride cable insulation			
			Packaging	
	Index	EUR	individual	bulk
	FNTC*	19,99	1 pcs.	-

* availability in Q2 2025

Description			
	**Thermoelectric actuator** NEW • non-current closed (NC) • nut with M30x1.5 thread • class - IP45 • opening time - approx. 3.5 min. • power supply: 230V 50Hz • stroke - 3.7 mm • continuous power 3W		

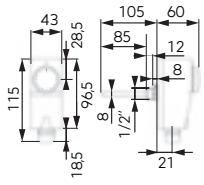
Index	EUR	Packaging: individual	Packaging: bulk
FTH1*	18,99	1 pcs.	-

	**Thermocouple head** • voltage: 230V/50Hz • normally closed • connection: M30 × 1.5 • spindle pitch: 3 - 5 mm • protection class: IP54, II protection class • actuator inertia: approx. 3 minutes • maximum power consumption: 2W • working temperature: from -5°C to 60°C		

Index	EUR	Packaging: individual	Packaging: bulk
FTE01	19,99	1 pcs.	100 pcs.

	**Strap thermostat** • single-pole, switching contacts mounted with screw clamp • temperature control range: + 10°C to + 90°C • voltage: 230V/50 Hz • load on the terminals: 15A (2,5 A)/250V • degree of electrical protection: IP20 • temperature gradient: 1°C/min.		

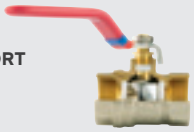
Index	EUR	Packaging: individual	Packaging: bulk
91934010	18,99	1 pcs.	60 pcs.

 	**Immersion thermostat 30 - 90/16A/250V** • temperature setting range: 30°C ÷ 90°C (± 3°C) • differential: 4 ± 2°C • degree of electrical protection: IP40 • protection class: Class II • thermal gradient: < 1 K/min • max. head temperature: 80°C • max. capillary temperature: 110°C • max. pressure of the shield: 10 bar • terminals: Ag 1000/1000 • load on the terminals: 16A (5A)/250V AC • disconnecting or switching contacts: SPDT type • action type: 1B • gland: M20x1.5 • connection thread: G1/2 • capillary length: 85 mm • installation location: in tanks		

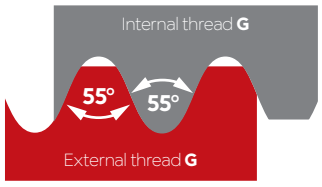
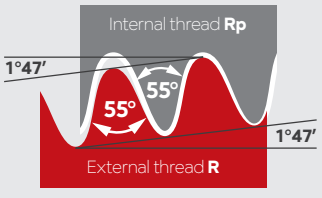
Index	EUR	Packaging: individual	Packaging: bulk
91934020	25,99	1 pcs.	25 pcs.

* availability in Q2 2025

Valve characteristics

Type of valve	Thread type	Nominal pressure	Max. working temperature	Full passage in compliance with standards	Gland to compensate for clearance	Working agent	PZH certificate	Guarantee
F-POWER 	**G**	3,0 MPa (30 bar)	120°C	yes	yes	H_2O GLYCOL 50% AIR	yes	**10 years**
F-COMFORT 	**G**	2,0 MPa (20 bar)	100°C	reduced	yes	H_2O	yes	**5 years**
HERKULES 	**Rp, R**	4,0 MPa (40 bar)	140°C	yes	yes	H_2O GLYCOL 50% AIR	yes	**15 years**

Thread types

Thread	Sketch	Description	In compliance with norms	Compatibility	Seal
G		Cylindrical pipe thread joints with tightness not obtained on the thread	**ISO 228**	Male thread G can only be screwed into female thread G	Sealing by pressing down on two flat surfaces and an additional seal or on a 60° cone
Rp		Cylindrical pipe thread internal connections with the tightness achieved on the thread	**ISO 7**	Only the male thread Rp can be screwed into the female thread Rp	Sealing on the thread, e.g. with PTFE tape or thread
R		Tapered pipe thread external connections to the tightness achieved on the thread	**ISO 7**	Male thread R can be screwed into female thread G or Rp	

Hydraulic fittings

VALVES



BALL VALVES - F-COMFORT
311



BALL VALVES - F-POWER
317



BALL VALVES - HERKULES
324



ANGLE BALL VALVES WITH HALF-UNION
327



MAGNETIC DIRT SEPARATOR
331



BALL VALVES - OTHER
333



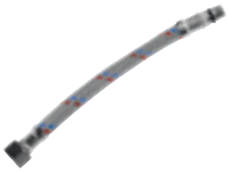
OTHER WATER VALVES
334



ANGLE VALVES

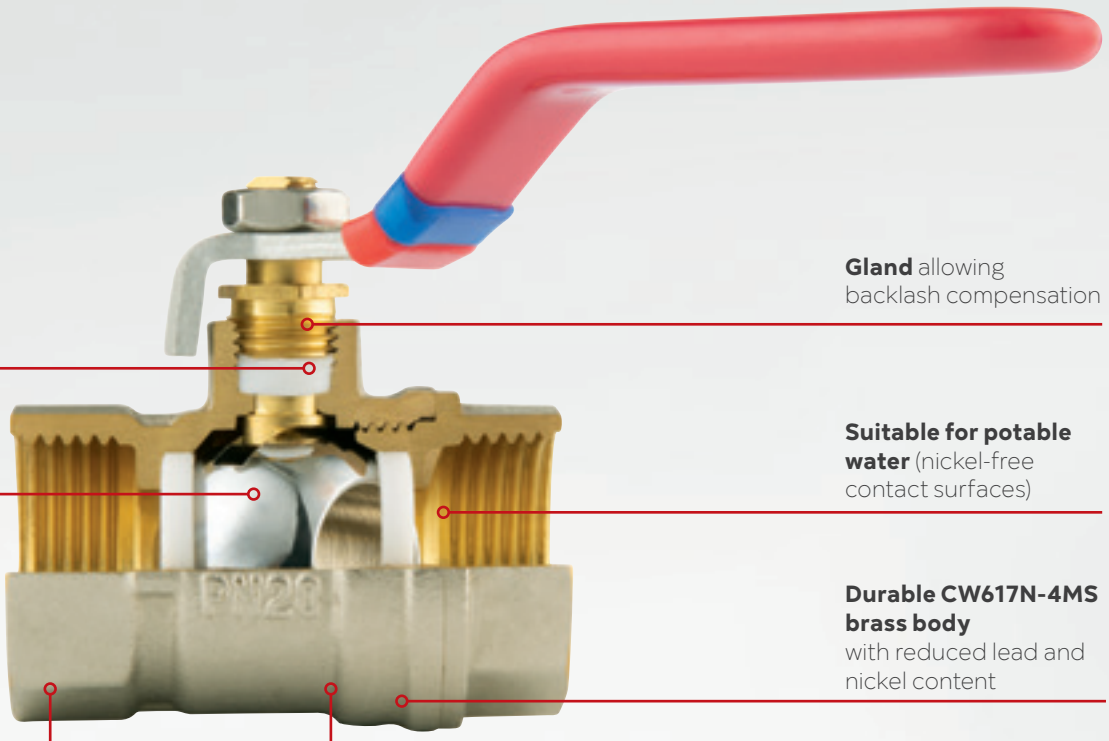
340

HOSES



CONNECTION HOSES
346

F-Comfort
- ball valves



PN [bar] 20

Tmax [°C] 100

H_2O

Ni FREE

4MS

WARRANTY 5

Advantages

- F-Comfort series valves were awarded the Gold Medal at the Poznan 2020/2021 International Trade Fair for Installations and Equipment
- warranty: 5 years
- valves are adapted to potable water - surface, which may have contact with water (inside the valve and connection threads) is not nickel plated
- solid metal handle
- the gland on the stem allows compensation of possible clearance by means of a simple wrench
- chrome plated and polished ball resistant to blocking
- thick walls and solid workmanship - increased durability and strength
- quality control carried out strictly in accordance with applicable European standards
- 100% of the valves produced are tested for leakage
- valve's bodies have permanent markings required by the European standards
- valves have removable rubber bands to identify installation on the hot water/supply or cold/return pipe and labels with EAN codes and the necessary data to facilitate retail sales

Operating parameters and scope of application

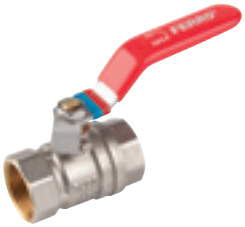
- nominal pressure: 2,0 MPa (20 bar)
- nominal working temperature: max. 100°C
- working media: water (water supply systems and central heating)
- ball valves have received a National Technical Assessment Certificate issued by the Building Research Institute in Warsaw stating suitability for use in construction and Hygienic Certificate issued by the National Institute of Hygiene in Warsaw

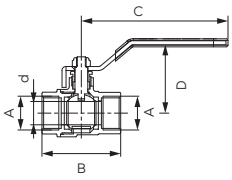
Workmanship and materials

- valves are made in ABT (Advanced Body Technology) technology, combining advanced design and material solutions
- body material: brass CW617N-4MS - the newest hygiene standard
- ball finish: chrome plated, polished
- ball sealing: PTFE
- stem sealing: PTFE

BALL VALVES - F-COMFORT

Description

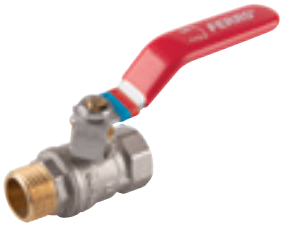


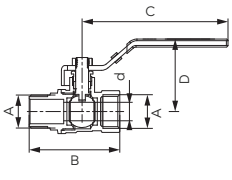


F-Comfort ball valve

- female-female
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTF
- nominal pressure: 20 bar (PN20)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	12	47	91	45,2	6,83	KFC1	3,49	15 pcs.	90 pcs.	KFC1E	3,69
20	G3/4	16	55,5	91	48,5	10,94	KFC2	4,99	12 pcs.	72 pcs.	KFC2E	5,19
25	G1	21	63	113	59	24,48	KFC3	7,99	10 pcs.	40 pcs.	KFC3E	8,19
32	G1 1/4	27	70,2	131	67	36,30	KFC4	11,49	9 pcs.	36 pcs.		
40	G1 1/2	33	81	154	82,5	54,77	KFC5	18,49	4 pcs.	16 pcs.		
50	G2	43	94,4	154	86	93,22	KFC6	26,99	2 pcs.	12 pcs.		



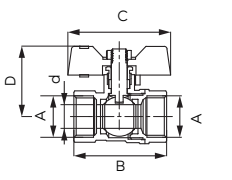


F-Comfort ball valve

- female-male
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 20 bar (PN20)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	12	54,5	91	45,2	6,83	KFC11	3,69	15 pcs.	90 pcs.	KFC11E	3,89
20	G3/4	16	62,5	91	48,5	10,94	KFC21	5,49	10 pcs.	60 pcs.	KFC21E	5,69
25	G1	21	71,5	113	59	24,48	KFC31	8,49	10 pcs.	40 pcs.	KFC31E	8,69
32	G1 1/4	27	78,5	131	67	36,30	KFC41	12,49	6 pcs.	36 pcs.		
40	G1 1/2	33	93	154	82,5	54,77	KFC51	19,99	4 pcs.	16 pcs.		
50	G2	43	103,2	154	86	93,22	KFC61	28,49	2 pcs.	12 pcs.		





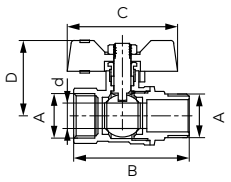
F-Comfort ball valve

- female-female
- with gland
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 20 bar (PN20)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	12	47	52	35,5	5,34	KFCM1	3,49	24 pcs.	120 pcs.	KFCM1E	3,69
20	G3/4	16	55,5	52	38,8	13,31	KFCM2	4,99	18 pcs.	90 pcs.	KFCM1E	3,69
25	G1	21	63	67,5	49,5	21,28	KFCM3	7,99	10 pcs.	60 pcs.	KFCM1E	3,69

Description



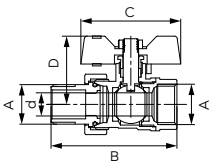


F-Comfort ball valve

- female-male
- with gland
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 20 bar (PN20)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	12	54,5	52	35,5	5,34	KFCM11	3,79	18 pcs.	144 pcs.	KFCM11E	3,99
20	G3/4	16	62,5	52	38,8	13,31	KFCM21	5,29	18 pcs.	90 pcs.	KFCM21E	5,49
25	G1	21	71,5	67,5	50	21,28	KFCM31	8,49	10 pcs.	60 pcs.	KFCM31E	8,69



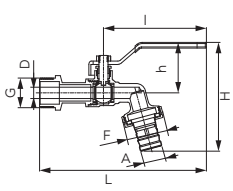


F-Comfort ball valve

- female-male with union
- with gland
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 20 bar (PN20)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	12	65,5	52	35,5	6,39	KFCS1	4,49	15 pcs.	75 pcs.	KFCS1E	4,69
20	G3/4	16	76	52	38,8	11,83	KFCS2	6,99	14 pcs.	56 pcs.	KFCS2E	7,19
25	G1	21	87	67,5	50	21,50	KFCS3	11,99	12 pcs.	36 pcs.	KFCS3E	12,19





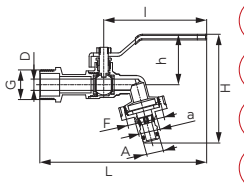
F-Comfort intake water ball valve

- male
- with gland
- with metal hose connector
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	G	D [mm]	L [mm]	I [mm]	H [mm]	h [mm]	A [mm]	F	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	10	144	90	92	43	15	G3/4	2,50	KCN1	4,79	15 pcs.	60 pcs.	KCN1E	4,99
20	G3/4	10	148	90	95	43	19,5	G1	2,72	KCN2	5,99	10 pcs.	60 pcs.	KCN2E	6,19
25	G1	16	182	112	119	55	27	G1 1/4	8,19	KCN3	10,69	5 pcs.	30 pcs.	KCN3E	10,89

Description



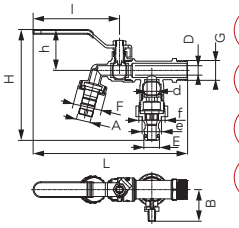


F-Comfort intake water ball valve with plastic quick coupler hose connection

- male
- with gland
- with quick coupler hose connection tip
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 65°C

DN	G	D [mm]	L [mm]	l [mm]	H [mm]	h [mm]	A [mm]	a [mm]	F	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	**G1/2**	10	144	90	94	43	15,5	19,8	G3/4	2,50	**KCPN1**	**4,69**	15 pcs.	60 pcs.	**KCPN1E**	**4,89**
20	**G3/4**	10	148	90	97	43	15,5	19,8	G1	2,50	**KCPN2**	**5,69**	10 pcs.	60 pcs.	**KCPN2E**	**5,89**



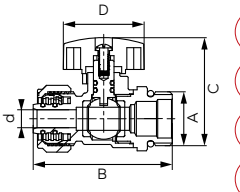


F-Comfort bibcock with two outlets

- male
- with gland
- with metal hose nipple and hose attachment for quick coupler hose connection
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 65°C

DN	G	D [mm]	d [mm]	L [mm]	l [mm]	H [mm]	h [mm]	B [mm]	A [mm]	E [mm]	e [mm]	F	f	Index	EUR	Packaging individual	Packaging bulk
15	**G1/2**	10	10	163	90	117	43	33	15	15,5	19,8	G3/4	G3/4	**KCD1**	**8,99**	8 pcs.	32 pcs.
20	**G3/4**	10	10	164	90	118	43	33	19,5	15,5	19,8	G1	G1	**KCD2**	**9,99**	6 pcs.	24 pcs.



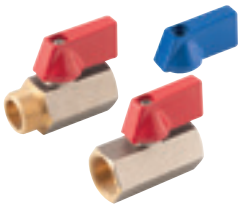


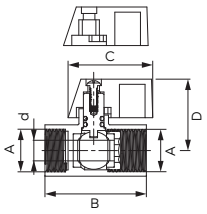
F-Comfort ball valve for 16x2 multilayer pipes

- male
- compression connection for 16x2 mm multilayer pipes with double EPDM O-ring sealing
- 1/2 " connection with EPDM O-ring
- double stem sealing (2 pcs O-ring)
- handle: metal butterfly
- body and ball material: brass
- material of ball seals: PTFE
- material of stem seals: EPDM
- red or blue handle
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	**G1/2**	7	54,2	31,6	31,5	2,50	**KNPEX16**	**3,49**	10 pcs.	120 pcs.	**KNPEX16E**	**3,69**
15	**G1/2**	7	54,2	31,6	31,5	2,50	**KNPEX16-BH**	**3,49**	10 pcs.	120 pcs.	**KNPEX16-BHE**	**3,69**

Description



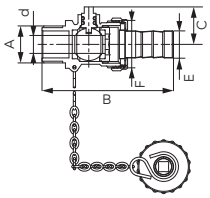


F-Comfort mini ball valve

- handle: red or blue (available in set)
- body and ball material: brass
- material of ball and stem seals: PTFE
- double stem sealing (2 pcs O-ring)
- handle: metal butterfly
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K_{VS} [m^3/h]		Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
10	**G1/2**	10	47,2	33	29,8	4,68	female-male	**KRN1**	**2,89**	20 pcs.	240 pcs.	**KRN1E**	**3,09**
10	**G1/2**	10	47,2	33	29,8	4,68	female-female	**KRN2**	**3,09**	20 pcs.	160 pcs.	**KRN2E**	**3,29**
8	**G3/8**	8	41	33	28,3	2,85	female-female	**KRN10**	**2,29**	10 pcs.	120 pcs.	**KRN10E**	**2,49**
8	**G3/8**	8	41	33	28,3	2,85	female-male	**KRN101**	**2,29**	10 pcs.	120 pcs.	**KRN101E**	**2,49**



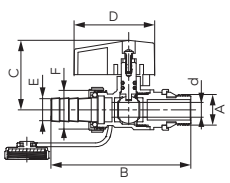


F-Comfort drain ball valve with cap handle

- male
- hose connector and plug included
- body and ball material: brass
- material of ball and stem seals: PTFE
- double stem sealing (2 pcs O-ring)
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	E [mm]	F	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
15	**G1/2**	10	74	21,3	15	G3/4	3,64	**ZSN1**	**3,69**	15 pcs.	120 pcs.
20	**G3/4**	12	76,5	22,3	15	G3/4	6,48	**ZSN2**	**5,49**	10 pcs.	60 pcs.





F-Comfort drain ball valve with cap handle

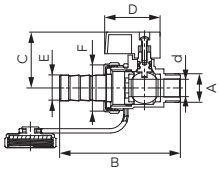
- male
- hose connector and plug included
- additional nut with a seal on the mounting thread
- body and ball material: brass
- material of ball and stem seals: PTFE
- double stem sealing (2 pcs O-ring)
- handle: metal butterfly
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
10	**G3/8**	10	82,5	40,5	43,5	13	G1/2	3,54	**ZSUN10**	**4,29**	10 pcs.	120 pcs.	**ZSUN10E**	**4,49**
15	**G1/2**	12	92	41	43,5	15	G3/4	5,57	**ZSUN1**	**5,09**	10 pcs.	80 pcs.	**ZSUN1E**	**5,29**
20	**G3/4**	15	92	43	43,5	19,6	G1	10,37	**ZSUN2**	**7,49**	10 pcs.	60 pcs.	**ZSUN2E**	**7,69**

BALL VALVES - F-COMFORT

Description



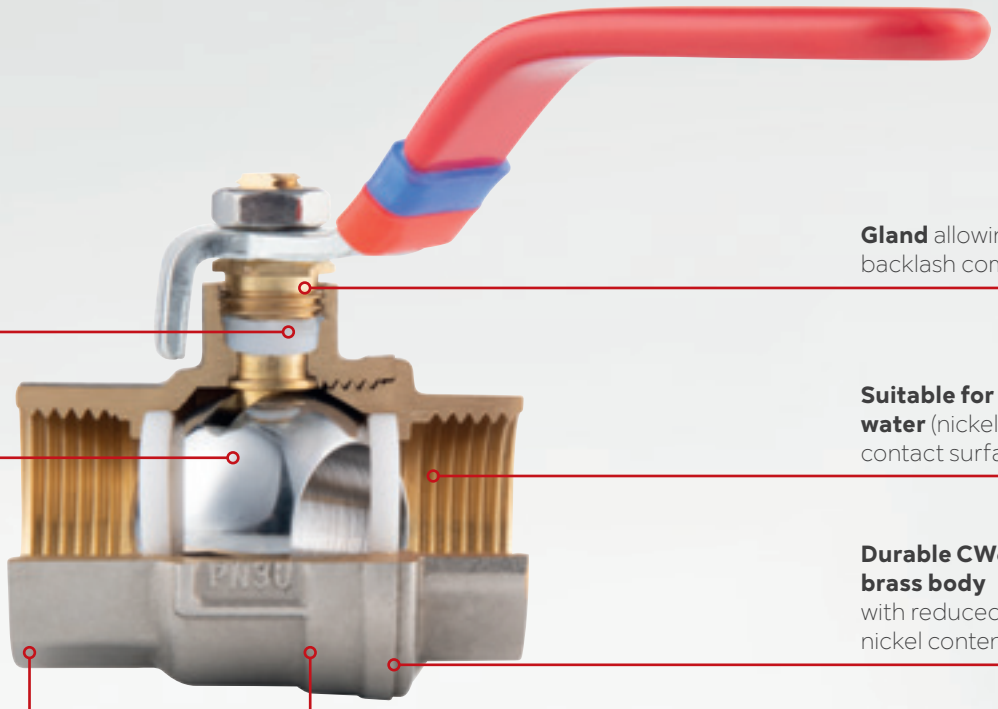


F-Comfort drain ball valve

- male
- hose connector and plug included
- body and ball material: brass
- material of ball and stem seals: PTFE
- double stem sealing (2 pcs O-ring)
- handle: metal butterfly
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
10	**G3/8**	9	68,5	32,3	32	15	G3/4	3,42	**ZSSN10**	**3,29**	10 pcs.	120 pcs.	**ZSSN10E**	**3,49**
15	**G1/2**	9	70,5	32,3	32	15	G3/4	3,54	**ZSSN1**	**3,39**	10 pcs.	120 pcs.	**ZSSN1E**	**3,59**

F-Power
- ball valves



PTFE stem seal

Chrome plated ball

Gland allowing backlash compensation

Suitable for potable water (nickel-free contact surfaces)

Durable CW617N-4MS brass body with reduced lead and nickel content

Nominal **pressure 3,0 MPa**

Working **temperature from -30°C up to 120°C**

PN [bar] 30

Ni FREE

Tmax [°C] 120

4MS

Tmin [°C] -30

WARRANTY 10

H_2O

GLYCOL 50%

AIR

DN

Advantages

- warranty: 10 years
- valve bore without any constriction affecting the flow, full port according to standard
- valves are adapted to potable water - surface, which may have contact with potable water (inside the valve and connection threads) is not nickel plated
- solid metal handle
- the gland on the stem allows compensation of possible clearance by means of a simple wrench
- chrome plated and polished ball resistant to blocking
- thick walls and solid workmanship - increased durability and strength
- quality control carried out strictly according to applicable European standards
- 100% of the valves produced are tested for leakage
- valve's bodies have permanent markings required by the European standards
- valves have removable rubber bands to identify installation on the hot water/supply or cold/return pipe and labels with EAN codes and the necessary data to facilitate retail sales
- the use of the highest quality materials, care for solid workmanship, the use of modern technologies and multi-stage quality control have resulted in the new F-Power line being awarded the Quality International 2021 Gold Emblem

Operating parameters and scope of application

- nominal pressure: 3.0 MPa (30 bar)
- nominal working temperature: min -30°C, max. 120°C
- working media: water (water supply systems and central heating), max. 50% glycol solution in water , compressed air
- ball valves have received a National Technical Assessment Certificate issued by the Building Research Institute in Warsaw stating suitability for use in construction and Hygienic Certificate issued by the National Institute of Hygiene in Warsaw

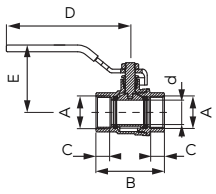
Workmanship and materials

- valves are made in ABT (Advanced Body Technology) technology, combining advanced design and material solutions
- body material: CW617N-4MS brass - the newest hygiene standard
- ball finish: chrome plated, polished
- ball sealing: PTFE
- stem sealing: PTFE
- stable and safe seating of the stem due to assembly from the inside of the valve

BALL VALVES - F-POWER

Description



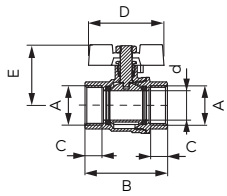


F-Power ball valve

- female-female
- full bore
- with gland
- handle: metal lever
- body material: brass
- ball material: brass (DN10 - DN50), stainless steel (DN65 - DN100)
- material of ball and stem seals: PTFE
- nominal pressure DN10 - DN50: 30 bar (PN30)
- nominal pressure DN65 - DN100: 25 bar (PN25)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
10	G3/8	10	9	43	45	94	4,33	KFP10	3,49	20 pcs	120 pcs
15	G1/2	15	10,5	50,5	48,5	96	7,86	KFP1	3,69	12 pcs	120 pcs
20	G3/4	20	11	56	55	101,5	15,60	KFP2	5,19	10 pcs	80 pcs
25	G1	25	13	66,5	65,5	116,5	24,13	KFP3	8,99	8 pcs	48 pcs
32	G1 1/4	32	14	79	70,5	116,5	44,97	KFP4	13,99	8 pcs	32 pcs
40	G1 1/2	40	14,5	90	74	126,5	66,94	KFP5	19,99	4 pcs	24 pcs
50	G2	50	16	104	90,5	151,5	105,65	KFP6	29,99	2 pcs	12 pcs
65	G2 1/2	65	24	141	123,5	242	-	KFP7	69,99	1 pcs	4 pcs
80	G3	80	24	160	135,5	242	-	KFP8	109,99	1 pcs	4 pcs
100	G4	98	28	192	149	267	-	KFP9	179,99	1 pcs	2 pcs



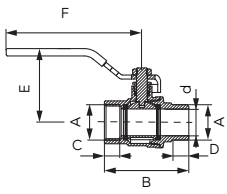


F-Power ball valve

- female-female
- full bore
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
10	G3/8	10	9	43	34	51,3	4,33	KFPM10	3,59	12 pcs	120 pcs
15	G1/2	15	10,5	50,5	37,9	51,3	7,86	KFPM1	3,79	15 pcs	150 pcs
20	G3/4	20	11	56	41,3	51,3	14,80	KFPM2	5,29	12 pcs	96 pcs
25	G1	25	13	66,5	47,4	65	24,13	KFPM3	8,99	10 pcs	50 pcs
32	G1 1/4	32	14	79	63,7	88	42,58	KFPM4	14,99	6 pcs	24 pcs





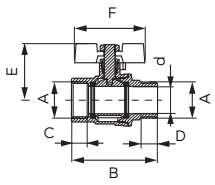
F-Power ball valve

- female-male
- full bore
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
10	G3/8	10	9	10,5	53,5	45	94	4,21	KFP101	3,69	10 pcs	120 pcs
15	G1/2	15	10,5	11	58,5	48,5	96	7,06	KFP11	3,99	10 pcs	100 pcs
20	G3/4	20	11	11,5	63	54	101,5	14,80	KFP21	5,49	10 pcs	80 pcs
25	G1	25	13	13,5	75,5	65,5	116,5	23,11	KFP31	9,49	10 pcs	40 pcs
32	G11/4	32	14	18,5	93	70,5	116,5	42,01	KFP41	15,99	6 pcs	24 pcs
40	G11/2	40	14,5	18	101	74	126,5	66,14	KFP51	22,99	4 pcs	16 pcs
50	G2	50	16	20,5	120,5	90,5	151,5	-	KFP61	34,99	2 pcs	12 pcs

Description



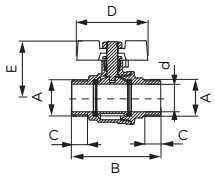


F-Power ball valve

- female-male
- full bore
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
10	G3/8	10	9	10,5	53,5	34	51,3	4,33	KFPM101	3,59	12 pcs	120 pcs
15	G1/2	15	10,5	11	58,5	37,9	51,3	7,29	KFPM11	3,99	15 pcs	90 pcs
20	G3/4	20	11	11,5	63	41,3	51,3	14,80	KFPM21	5,49	12 pcs	96 pcs
25	G1	25	13	13,5	75,5	47,4	65	23,11	KFPM31	9,49	10 pcs	50 pcs
32	G11/4	32	14	18,5	93	63,7	88	42,58	KFPM41	15,99	6 pcs	24 pcs



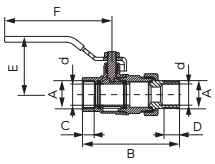


F-Power ball valve

- male-male
- full bore
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
15	G1/2	15	11	59,5	37,9	51,3	6,94	KFPN1	3,99	15 pcs	90 pcs
20	G3/4	20	11,5	64,5	41,3	51,3	15,71	KFPN2	5,99	12 pcs	96 pcs
25	G1	25	13,5	77	47,4	65	22,31	KFPN3	10,99	10 pcs	50 pcs





F-Power ball valve

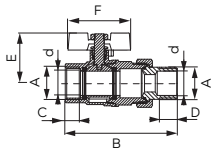
- female-male with union
- full bore
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
15	G1/2	15	10,5	12,5	80,8	48,5	96	7,29	KFPS11	5,69	8 pcs	80 pcs
20	G3/4	20	11	12,5	93	53,8	101,5	14,80	KFPS21	8,99	6 pcs	48 pcs
25	G1	25	13	16,5	108	64,6	116,5	22,43	KFPS31	15,49	4 pcs	20 pcs
32	G1 1/4	32	14	16,5	124,6	70,5	116,5	41,10	KFPS41	24,99	2 pcs	12 pcs

BALL VALVES - F-POWER

Description



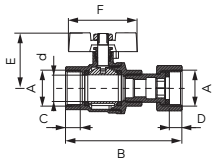


F-Power ball valve

- female-male with union
- full bore
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
15	**G1/2**	**15**	12,5	12	79,5	37,9	51,3	7,29	**KFPS1**	**5,69**	10 pcs	100 pcs
20	**G3/4**	**20**	14,5	12,5	92,1	41,3	51,3	13,55	**KFPS2**	**8,99**	12 pcs	48 pcs
25	**G1**	**25**	16,5	14,5	108	47,4	65	22,43	**KFPS3**	**15,49**	6 pcs	30 pcs
32	**G1 1/4**	**32**	18,5	15,5	124,6	63,7	88	40,98	**KFPS4**	**24,99**	4 pcs	16 pcs



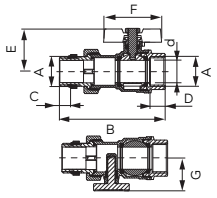


F-Power ball valve

- female-female with half-union
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
15	**G1/2**	**15**	12,5	11	70	37,9	51,3	4,21	**KFPM1SG**	**5,99**	10 pcs	100 pcs
20	**G3/4**	**20**	15	11	74,5	41,3	51,3	8,65	**KFPM2SG**	**8,99**	6 pcs	60 pcs





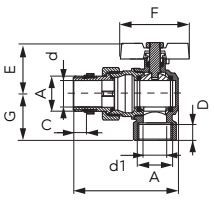
F-Power ball valve with thermometer

- female-male with union
- additional nut with a seal on the mounting thread
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging individual	Packaging bulk
25	**G1**	**25**	118,5	12,5	17,5	47,6	65	36,6	19,01	**KFPS3T**	**18,49**	4 pcs	24 pcs

Description



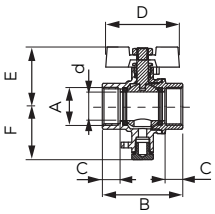


F-Power angle ball valve

- female-male with union
- additional nut with a seal on the mounting thread
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 30 bar (PN30)
- maximum working temperature: 120°C

DN	A	d [mm]	d1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging: individual	Packaging: bulk
25	G1	25	22	99	12,5	16,5	47,6	65	44	10,93	KFPS3A	18,49	2 pcs	20 pcs



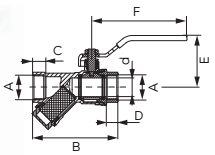


F-Power ball valve with M10x1 connection for temperature sensor

- female-female
- full bore
- with gland
- handle: butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging: individual	Packaging: bulk
15	G1/2	15	12	50,5	38	51,3	37,2	7,17	KFPMT1	5,29	12 pcs	120 pcs
20	G3/4	20	12,5	56,1	41,1	51,3	37,2	15,37	KFPMT2	7,49	12 pcs	60 pcs





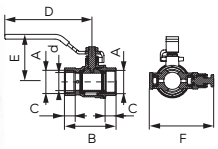
F-Power ball valve with filter

- female-female
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- materiał wkładu filtra: stainless steel
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging: individual	Packaging: bulk
15	G1/2	15	13	12	79	48,5	96	3,19	KFPZF1	6,99	8 pcs	40 pcs
20	G3/4	20	13	12,5	90,5	55	101,5	6,38	KFPZF2	9,99	10 pcs	40 pcs
25	G1	25	15	14,5	108	65,5	116,5	10,13	KFPZF3	16,49	4 pcs	32 pcs
32	G1 1/4	32	16	15,5	137	70,5	116,5	13,66	KFPZF4	26,99	2 pcs	8 pcs

Description



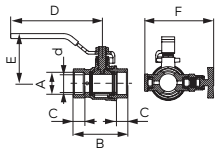


F-Power ball valve with manual air-vent and plug

- female-female
- full bore
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m³/h]	Index	EUR	Packaging individual	Packaging bulk
15	G1/2	15	12	54	48,5	96	68,5	7,51	KFPO1	5,99	6 pcs	48 pcs
20	G3/4	20	12,5	60	55	101,5	74,5	15,48	KFPO2	7,99	6 pcs	36 pcs
25	G1	25	14,5	70,5	65,5	116,5	80,5	22,65	KFPO3	12,49	4 pcs	24 pcs
32	G1 1/4	32	15,5	83	70,5	116,5	90,5	45,08	KFPO4	17,99	6 pcs	24 pcs
40	G1 1/2	40	16	93,5	74	126,5	98,5	58,40	KFPO5	25,99	2 pcs	12 pcs
50	G2	50	17,5	107,5	90,5	151,5	109,5	105,99	KFPO6	37,99	1 pcs	6 pcs



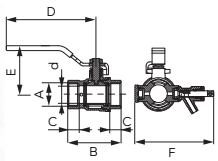


F-Power ball valve with manual air-vent and plug

- female-female
- full bore
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m³/h]	Index	EUR	Packaging individual	Packaging bulk
15	G1/2	15	12	54	48,5	96	71,3	7,51	KFPOM1	6,49	10 pcs	50 pcs
20	G3/4	20	12,5	60	55	101,5	77,3	15,48	KFPOM2	8,49	6 pcs	48 pcs
25	G1	25	14,5	70,5	65,5	116,5	83,3	22,65	KFPOM3	12,99	5 pcs	20 pcs





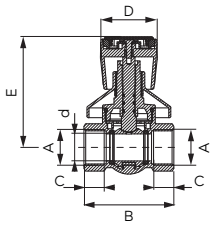
F-Power ball valve with drain, manual air-vent and plug

- female-female
- full bore
- with gland
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C
- minimum working temperature: -30°C

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K_{VS} [m³/h]	Index	EUR	Packaging individual	Packaging bulk
15	G1/2	15	12	54	48,5	96	82,7	7,51	KFPW1	6,49	8 pcs	64 pcs
20	G3/4	20	12,5	60	55	101,5	88,7	12,41	KFPW2	8,49	6 pcs	48 pcs
25	G1	25	14,5	70,5	65,5	116,5	94,7	21,40	KFPW3	12,99	4 pcs	24 pcs
32	G1 1/4	32	15,5	83	70,5	116,5	104,7	41,21	KFPW4	18,99	2 pcs	16 pcs
40	G1 1/2	40	16	93,5	74	126,5	112,7	67,17	KFPW5	26,99	2 pcs	12 pcs
50	G2	50	17,5	107,5	90,5	151,5	123,7	-	KFPW6	39,99	2 pcs	8 pcs

Description



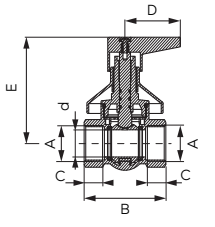


F-Power concealed ball valve

- female-female
- full bore
- with knob and rosette
- red and blue indication cap included
- body and ball material: brass
- material of ball seals: PTFE
- material of stem seals: EPDM (3 pcs O-ring)
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging	
										individual	bulk
15	**G1/2**	**15**	12,5	57	78,8	45,3	7,29	**KFP1P**	**11,99**	4 pcs	32 pcs
20	**G3/4**	**20**	15	66,5	82	45,3	14,00	**KFP2P**	**13,49**	4 pcs	20 pcs



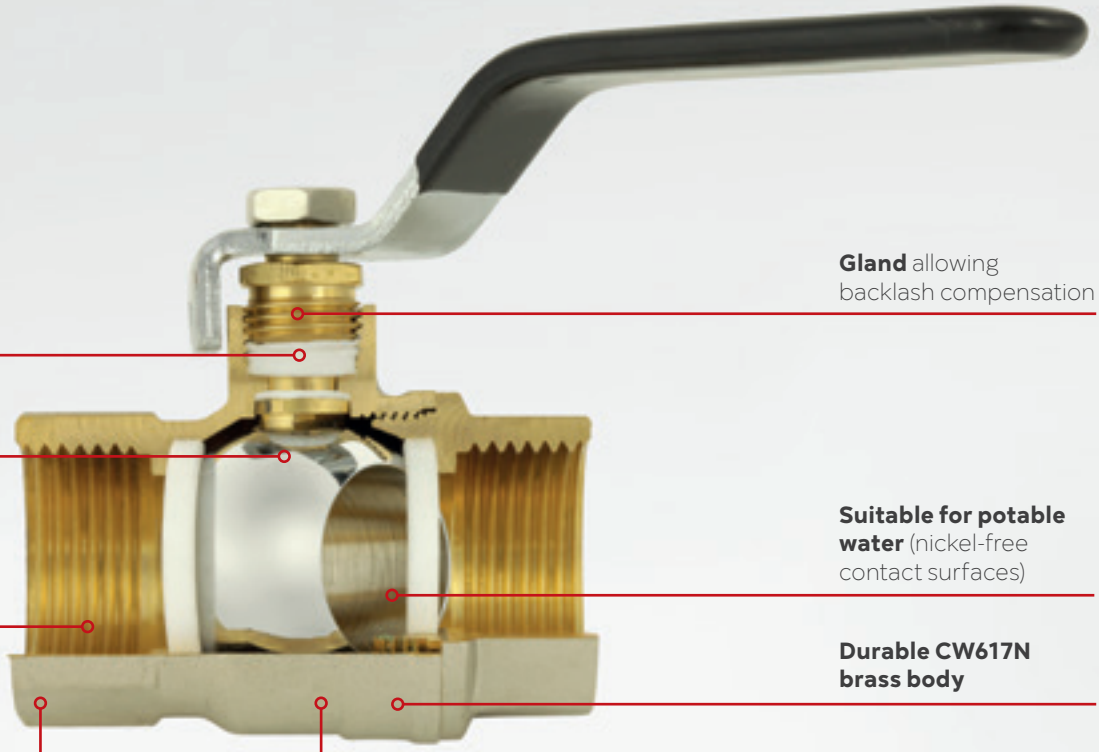


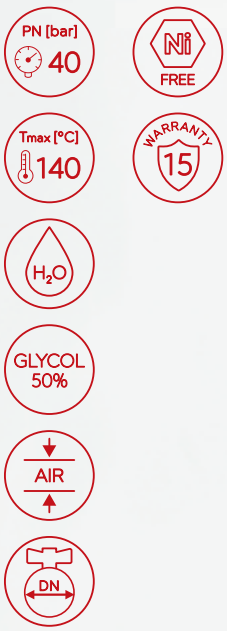
F-Power concealed ball valve

- female-female
- full bore
- with knob and rosette
- body and ball material: brass
- material of ball seals: PTFE
- material of stem seals: EPDM (3 pcs O-ring)
- nominal pressure 16 bar (PN16)
- maximum working temperature: 120°C

DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	K_{VS} [m^3/h]	Index	EUR	Packaging	
										individual	bulk
15	**G1/2**	**15**	12,5	57	73,5	45	7,29	**KFP1D**	**10,99**	4 pcs	32 pcs
20	**G3/4**	**20**	15	66,5	76,5	45	14,00	**KFP2D**	**12,99**	4 pcs	32 pcs

Herkules
- ball valves





Advantages

- warranty: 15 years
- metal handle
- double stem seal
- valve bore without any constriction affecting the flow, full port according to standard
- connection threads with a large number of thread turns provides a secure and tight connection
- the gland on the stem allows compensation of possible clearance by means of a simple wrench
- chrome plated and polished ball resistant to blocking
- thick walls and solid workmanship - increased durability and strength
- quality control carried out strictly according to applicable European standards
- 100% of the valves produced are tested for leakage
- valve's bodies have permanent markings required by the European standards
- valves adapted to potable water - surface, which may have contact with water (inside the valve and connection threads) is not nickel plated

Operating parameters and scope of application

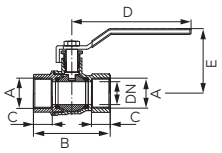
- nominal pressure: 4.0 MPa (40 bar)
- maximum working temperature: 140°C
- working media: water (water supply systems and central heating), max. 50% glycol solution in water (solar and central heating installations), compressed air
- Herkules ball valves type V17 have received a National Technical Assessment Certificate issued by the Building Research Institute in Warsaw stating suitability for use in construction and Hygienic Certificate issue

Workmanship and materials:

- bodies and nuts are made of moulded parts and processed by machine tools
- body material: CW617N brass
- ball finish: chrome plated, polished
- ball sealing: PTFE
- stem sealing: PTFE

Description



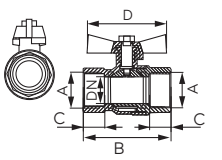


Herkules ball valve type V17

- female - female
- full bore
- reinforced with gland and double stem seal
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 4,0 MPa (40 bar)
- maximum working temperature: 140°C

								Packaging		Retail (Eurohanger)	
DN	A	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp 1/2	56	13	~100	49	KPH1	5,69	10 pcs	120 pcs	KPH1E	5,99
20	Rp 3/4	66	14,5	~102	55	KPH2	8,49	9 pcs	81 pcs	KPH2E	8,69
25	Rp 1	76	16,8	~116	64	KPH3	13,99	8 pcs	48 pcs	KPH3E	14,19
32	Rp 1 1/4	86	18	~116	71	KPH4	18,99	4 pcs	36 pcs		
40	Rp 1 1/2	94	18	~149	80	KPH5	28,99	2 pcs	18 pcs		
50	Rp 2	115	23	~149	90	KPH6	44,99	2 pcs	12 pcs		



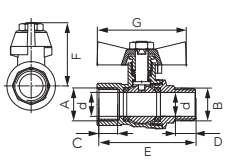


Herkules ball valve type V17

- female - female
- full bore
- reinforced
- with a gland and double stem seal
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 4.0 MPa (40 bar)
- maximum working temperature: 140°C

							Packaging		Retail (Eurohanger)	
DN	A	B [mm]	C [mm]	D [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp 1/2	56	13	~56	KMH1	5,49	12 pcs	144 pcs	KMH1E	5,89
20	Rp 3/4	66	14,5	~66	KMH2	8,69	9 pcs	81 pcs	KMH2E	8,99
25	Rp 1	76	16,8	~72	KMH3	12,99	8 pcs	64 pcs	KMH3E	13,19





Herkules ball valve type V17

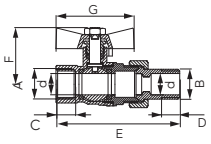
- female - male
- full bore
- reinforced
- with a gland and double stem seal
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 4,0 MPa (40 bar)
- maximum working temperature: 140°C

										Packaging		Retail (Eurohanger)	
DN	A	B	C [mm]	D [mm]	d [mm]	E [mm]	F [mm]	G [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp 1/2	R 1/2	13	13	15	61,5	40	~56	KMH11	5,69	12 pcs	144 pcs	KMH11E	5,89
20	Rp 3/4	R 3/4	14,5	14,5	20	70	46,5	~66	KMH21	9,49	9 pcs	81 pcs	KMH21E	9,53
25	Rp 1	R 1	16,8	16,8	25	81,5	51	~72	KMH31	13,99	8 pcs	64 pcs	KMH31E	14,19

BALL VALVES - HERKULES

Description



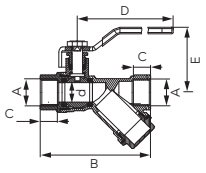


Herkules ball valve type V17

- female - male with full union
- full bore
- reinforced
- with a gland and double stem seal
- handle: metal butterfly
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 4,0 MPa (40 bar)
- maximum working temperature: 140°C

											Packaging		Retail (Eurohanger)	
DN	**A**	**B**	**C** [mm]	**D** [mm]	**d** [mm]	**E** [mm]	**F** [mm]	**G** [mm]	**Index**	**EUR**	individual	bulk	**Index**	**EUR**
15	**Rp 1/2**	R 1/2	13	13	15	~88	40	~56	**KSH1**	**8,25**	8 pcs	96 pcs	**KSH1E**	**8,40**
20	**Rp 3/4**	R 3/4	14,5	14,5	20	~99	46,5	~66	**KSH2**	**13,49**	6 pcs	54 pcs	**KSH2E**	**13,89**
25	**Rp 1**	R 1	16,8	17	25	~115	51	~72	**KSH3**	**19,99**	6 pcs	48 pcs	**KSH3E**	**20,24**





Herkules ball valve type V17

- female - female
- with stainless steel filter
- reinforced
- with a gland and double stem seal
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 4,0 MPa (40 bar)
- maximum working temperature: 140°C

									Packaging	
DN	**A**	**B**	**C** [mm]	**D** [mm]	**d** [mm]	**E** [mm]	**Index**	**EUR**	individual	bulk
15	**Rp 1/2**	83,5	13	~94	15	49	**KZFH1**	**8,99**	6 pcs	72 pcs
20	**Rp 3/4**	103,5	14,5	~102	20	55	**KZFH2**	**12,99**	4 pcs	36 pcs
25	**Rp 1**	121	16,8	~116	25	66	**KZFH3**	**19,99**	4 pcs	32 pcs
32	**Rp 1 1/4**	143	18	~116	32	71	**KZFH4**	**29,99**	2 pcs	16 pcs

Angle ball valves with half-union

Surface for flat seal

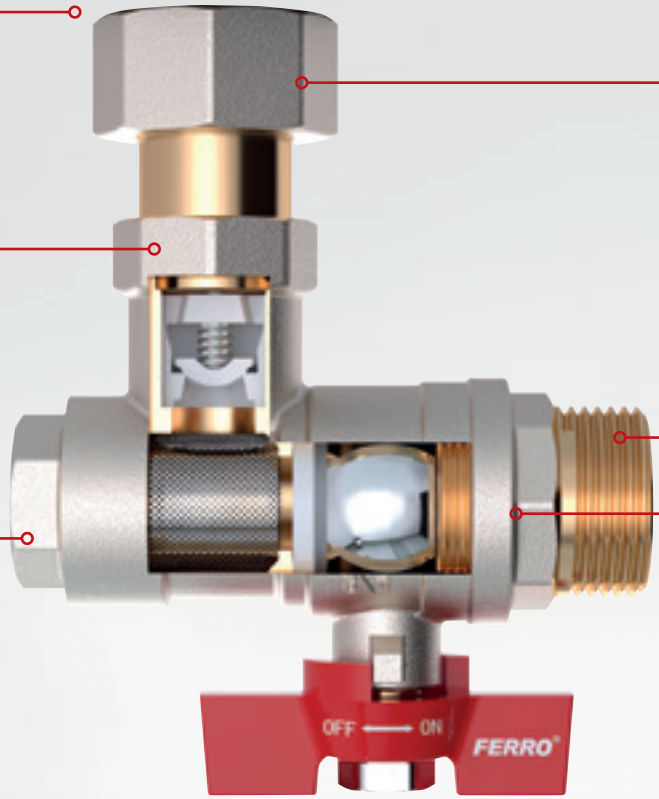
Swivel nut

CW617N-4MS brass
Latest hygienic standard with reduced nickel and lead content.

Suitable for potable water
(nickel-free contact surfaces)

Nominal **pressure 1,0 MPa**

Maximum **working temperature: 100°C**



Tmax [°C] 100

Ni FREE

PN [bar] 10

4MS

H_2O

GLYCOL 50%

Advantages

- the valve design allows for installation in small places available
- valves adapted for drinking water – surface, which comes into contact with drinking water (inside of the valve and connection threads) is not nickel-plated.
- solid metal handle
- a choke placed in the stem allows compensation of any clearances using a regular one flat wrench
- chrome-plated and polished ball resistant to the so-called "baking"
- thick walls and solid workmanship – increased durability and durability
- quality control carried out strictly in accordance with applicable European standards
- 100% of manufactured valves are subjected to testing tightness check
- the bodies have permanent markings required by the standard
- valves equipped with bands to identify hot water/cold or supply/return and a tag with EAN codes and necessary data to facilitate retail sales
- use of the highest quality materials
- wide range of applications

Application

- single-function gas boilers
- double-function gas boilers
- water meters, heat meters, hot water storage tanks
- heating and water installations where appliances require valves with a half-union and a flat seal

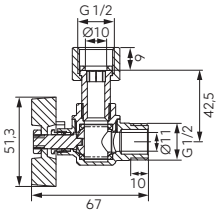
Workmanship and materials

- the nut of the valve drops below the connection face so that the appliance (e.g. gas boiler) can be easily removed for maintenance
- compact design enables installation in confined spaces
- mesh filters made of high-quality stainless steel protect the installation equipment from impurities
- check valve installed inside the ball valve protects the installation from backflow
- EPDM flat gasket included with the valve

ANGLE BALL VALVES WITH HALF-UNION

Description				



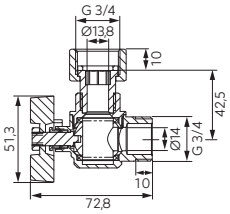


Angle ball valve with butterfly and 1/2 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk
KFM1SGK	6,49	1 pcs	10 pcs

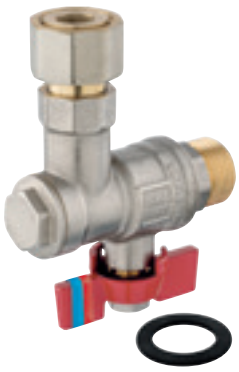


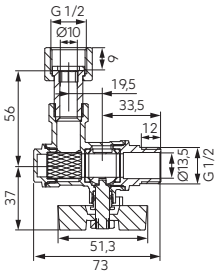


Angle ball valve with butterfly and 3/4 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk
KFM2SGK	8,99	1 pcs	8 pcs

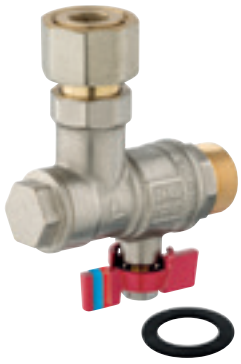


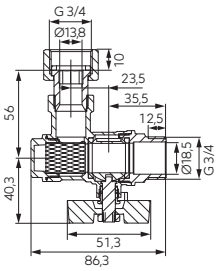


Angle ball valve with butterfly placed under the body and 1/2 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type placed under the body
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- material of filter: stainless steel
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk
KFMF1SGK	8,99	1 pcs	8 pcs



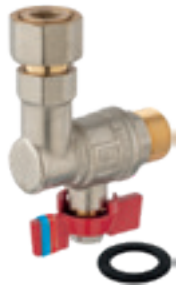


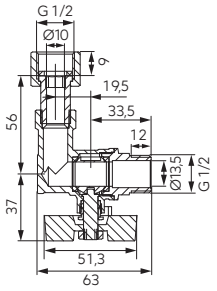
Angle ball valve with butterfly placed under the body and 3/4 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type placed under the body
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- material of filter: stainless steel
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk
KFMF2SGK	12,99	1 pcs	8 pcs

Description				

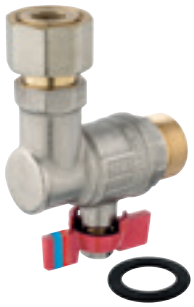


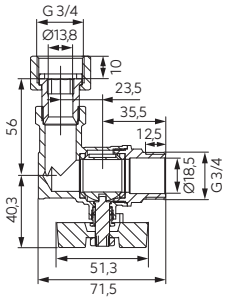


Angle ball valve with butterfly placed under the body and 1/2 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type placed under the body
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging	
		individual	bulk
KFM1SGPK	7,99	1 pcs	8 pcs

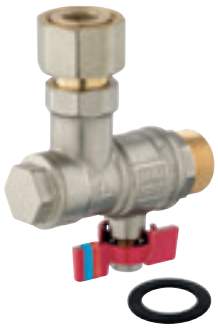


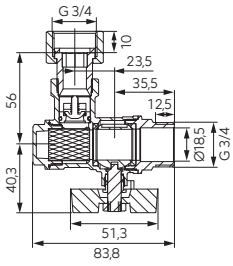


Angle ball valve with butterfly placed under the body and 3/4 half-union, female-male

- female-male with half-union
- with gland
- handle: metal butterfly type placed under the body
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging	
		individual	bulk
KFM2SGPK	11,99	1 pcs	8 pcs



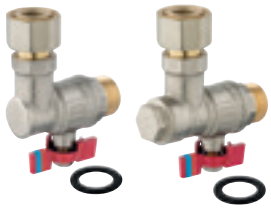


Angle ball valve with butterfly placed under the body and with filter, check valve and 3/4 half-union, female-male

- female-male with half-union
- with gland
- check valve
- handle: metal butterfly type placed under the body
- body and ball material: brass
- material of ball and stem seals: PTFE
- material of flat seals: EPDM
- material of filter: stainless steel
- nominal pressure: 10 bar
- maximum working temperature: 100°C

Index	EUR	Packaging	
		individual	bulk
KFMFZZ2SGK	14,49	1 pcs	8 pcs

ANGLE BALL VALVES WITH HALF-UNION SETS

Description			
	**Angle ball valves set for a 2-function boiler** • 4 angle ball valves with half-union: - KFM1SGPK - DN15 - KFM2SGPK - DN20 - KFMF1SGK - DN15 with filter - KFMFZZ2SGK - DN20 with filter and check valve • with gland • handle: metal butterfly type • body and ball material: brass • material of ball and stem seals: PTFE • material of flat seals: EPDM • material of filter: stainless steel (KFMFZZ2SGK, KFMF1SGK) • nominal pressure: 10 bar • maximum working temperature: 100°C		
		Packaging	
Index	**EUR**	individual	bulk
ZK2F1520	**39,99**	1 pcs	
	**Angle ball valves set for a 1-function boiler** • 2 angle ball valves with half-union: - KFM2SGPK - DN20 - KFMFZZ2SGK - DN20 with filter and check valve • with gland • handle: metal butterfly type • body and ball material: brass • material of ball and stem seals: PTFE • material of flat seals: EPDM • material of filter: stainless steel (KFMFZZ2SGK) • nominal pressure: 10 bar • maximum working temperature: 100°C		
		Packaging	
Index	**EUR**	individual	bulk
ZK1F20	**23,99**	1 pcs	

Magnetic dirt separator

Coupling with swivel nuts
material: CW617N brass, gaskets: EPDM, DN20

Manual air vent
material: CW617N brass, DN20



Water ball valve with swivel nut
material: CW617N brass, gland, gasket: EPDM, DN20, PN25

Filter insert
stainless steel filter SUS304

Dirt trap
material: PA12, contamination level can be checked, O-ring seal: EPDM

Separator body
material: PA 6, body:
2 elements, o-ring seal: EPDM,
thread: 3/4".

Magnetic insert
neodymium magnet
N35 - (6500 GS)

Tmax [°C] 90

PN [bar] 3

H_2O

GLIKOL 50%

Operating principle

Magnetic cartridge contamination separators are devices used in various systems, especially in heating, cooling and industrial installations, to remove contaminants such as rust, metal filings and other particles from the working fluid.

Application

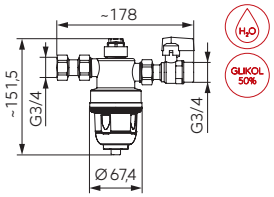
- In heating and cooling systems, magnetic separators help to keep the medium (water or glycol) clean, which in turn:
- Prevents damage to pumps, heat exchangers and other system components.
- Improves the energy efficiency of the system by minimising losses due to impurities.
- Extends the life of system components by reducing corrosion and deposits.

Installation

The separator is installed under the boiler to protect its internal components, primarily the circulation pump

MAGNETIC DIRT SEPARATOR





Description

Magnetic dirt separator

NEW

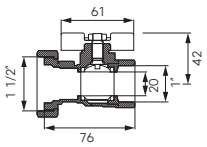
- body material/material
  stainless steel AISI 304, PA6, PA12, brass CW617N
- nominal pressure: 3 bar
  maximum operating temperature: 90°C
- Kvs [m³/h]: 5,4

Included:
- magnetic cartridge: neodymium N35; 6500 GS
- 3/4' ball valve with gland - brass CW617N
- manual air vent - brass CW617N
- 3/4' connection: brass CW617N
- gaskets: EPD

		Packaging	
Index	EUR	individual	bulk
FMDS20	35,99	1 pcs	

Description



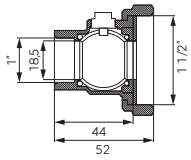


1" ball valve with 1 1/2" half union for pump

- female - female with half union
- equipped with a check valve with manual opening possibility
- with gland
- handle: metal butterfly
- gasket included
- body and ball material: brass
- ball seal: PTFE
- stem seal: PTFE and FP
- nominal pressure: 1.0 MPa (10 bar)
- maximum working temperature: 110°C

		Packaging		Retail (bags)	
Index	EUR	individual	bulk	Index	EUR
KSP1	20,99	10 pcs	40 pcs	KSP1W	20,99





1" ball valve with 1 1/2" half union for pump

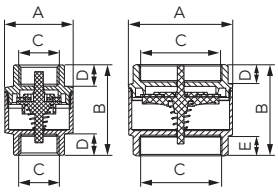
- female - female with half union
- gasket included
- body and ball material: brass
- ball and stem seal: NBR
- nominal pressure: 1.0 MPa (10 bar)
- maximum working temperature: 90°C
- max. instantaneous working temperature: 100°C

		Packaging		Retail (bags)	
Index	EUR	individual	bulk	Index	EUR
KSP2	12,99	-	100 pcs	KSP2W	12,23

OTHER WATER VALVES

Description





4MS · H_2O · GLIKOL 50% · CW 617N

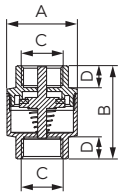
Check valve with plastic closing element

NEW

- female - female
- maximum operating temperature 70°C
- nominal pressure: 10 bar
- float material ABS , EPDM
- body material: CW617N-4MS
- spring material: stainless steel AISI 304
- medium: water, water/glycol mixture

DN	A [mm]	B [mm]	C [cal]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
15	35,5	47,0	**G 1/2**	11,0	-	**ZZ1V**	**3,99**	15 pcs.	180 pcs.
20	41,8	51,0	**G 3/4**	12,0	-	**ZZ2V**	**5,49**	12 pcs.	144 pcs.
25	47,2	59,0	**G 1**	14,0	-	**ZZ3V**	**7,49**	10 pcs.	90 pcs.
32	59,2	64,0	**G 1 1/4**	14,0	-	**ZZ4V**	**11,99**	8 pcs.	48 pcs.
40	67,8	73,0	**G 1 1/2**	16,0	-	**ZZ5V**	**16,99**	4 pcs.	32 pcs.
50	84,0	79,5	**G 2**	17,5	-	**ZZ6V**	**24,99**	4 pcs.	32 pcs.
65	95,8	90,0	**G 2 1/2**	17,0	20,5	**ZZ7V**	**39,99**	2 pcs.	12 pcs.
80	110,2	97,0	**G 3**	18,5	22,0	**ZZ8V**	**54,99**	1 pcs.	12 pcs.
100	143,8	108,0	**G 4**	21,0	27,0	**ZZ9V**	**99,99**	1 pcs.	4 pcs.





4MS · H_2O · GLIKOL 50% · CW 617N

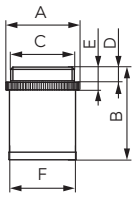
Check valve with brass closing element

NEW

- female - female
- maximum operating temperature: 120°C
- nominal pressure: 16 bar
- float material: brass CW617N-4MS, EPDM
- body material: CW617N-4MS
- spring material: stainless steel AISI 304
- medium: water, water/glycol mixture

DN	A [mm]	B [mm]	C [cal]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
15	35,5	47,0	**G 1/2**	11,0	**ZZM1V**	**3,99**	15 pcs.	180 pcs.
20	41,8	51,0	**G 3/4**	12,0	**ZZM2V**	**5,99**	12 pcs.	144 pcs.
25	47,2	59,0	**G 1**	14,0	**ZZM3V**	**7,99**	10 pcs.	90 pcs.
32	59,2	64,0	**G 1 1/4**	14,0	**ZZM4V**	**12,99**	8 pcs.	48 pcs.
40	67,8	73,0	**G 1 1/2**	16,0	**ZZM5V**	**17,99**	4 pcs.	32 pcs.
50	84,0	79,5	**G 2**	17,5	**ZZM6V**	**29,99**	4 pcs.	32 pcs.





4MS · H_2O · GLIKOL 50%

Suction basket

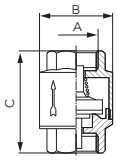
NEW

- strainer material: stainless steel AISI304, ABS

DN	A [mm]	B [mm]	C [cal]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
15	27,0	39,5	**G 1/2**	8,0	13,5	24,0	**KS20V**	**0,59**	54 pcs.	648 pcs.
20	34,0	43,0	**G 3/4**	8,0	12,5	29,5	**KS21V**	**0,99**	36 pcs.	216 pcs.
25	40,0	55,0	**G 1**	10,0	15,0	35,0	**KS22V**	**1,49**	24 pcs.	192 pcs.
32	48,0	61,0	**G 1 1/4**	10,0	15,0	43,5	**KS18V**	**1,99**	12 pcs.	72 pcs.
40	57,5	68,5	**G 1 1/2**	10,0	16,0	52,5	**KS24V**	**2,99**	7 pcs.	42 pcs.
50	68,0	80,5	**G 2**	12,0	18,0	62,5	**KS25V**	**3,99**	5 pcs.	40 pcs.
65	83,5	92,0	**G 2 1/2**	14,2	24,0	75,0	**KS251V**	**4,99**	2 pcs.	16 pcs.
80	98,0	101,0	**G 3**	12,0	19,0	85,0	**KS252V**	**5,99**	1 pcs.	12 pcs.
100	127,5	114,0	**G 4**	13,0	25,0	114,0	**KS253V**	**9,99**	1 pcs.	12 pcs.

Description



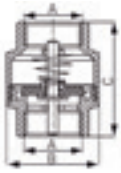


Check valve with plastic closing element

- female - female
- body: brass
- closing element: ABS
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

DN	A	B [mm]	C [mm]	Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	35,5	46,8	ZZ1	2,99	30 pcs	270 pcs	ZZ1W	3,19	ZZ1E	2,99
20	G3/4	41,7	51,4	ZZ2	3,99	20 pcs	180 pcs	ZZ2W	4,19	ZZ2E	3,99
25	G1	47,2	59,5	ZZ3	5,49	10 pcs	120 pcs	ZZ3W	5,59	ZZ3E	4,99
32	G1 1/4	59,3	64,5	ZZ4	8,99	6 pcs	72 pcs			ZZ4E	8,99
40	G1 1/2	67,6	73,3	ZZ5	13,99	5 pcs	45 pcs			ZZ5E	13,99
50	G2	83,7	80,2	ZZ6	18,99	4 pcs	24 pcs	ZZ6W	19,19		
65	G2 1/2	95,5	93	ZZ7	32,99	4 pcs	24 pcs	ZZ7W	33,19		
80	G3	110,5	100	ZZ8	39,99	1 pcs	12 pcs	ZZ8	39,99		
100	G4	144,5	112	ZZ9	69,99	1 pcs	6 pcs	ZZ9	69,99		



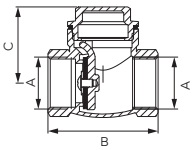


Check valve with brass closing element

- female - female
- body and closing element: brass
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

DN	A	B [mm]	C [mm]	Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
15	G1/2	35,5	46,8	ZZM1	3,49	30 pcs	270 pcs	ZZM1W	3,69	ZZM1E	3,69
20	G3/4	41,7	51,4	ZZM2	4,99	20 pcs	180 pcs	ZZM2W	5,19	ZZM2E	5,19
25	G1	47,2	59,5	ZZM3	6,69	10 pcs	120 pcs	ZZM3W	6,89	ZZM3E	6,89
32	G1 1/4	59,3	64,5	ZZM4	10,99	6 pcs	72 pcs	ZZM4W	11,19	ZZM4E	11,19
40	G1 1/2	67,6	73,3	ZZM5	15,99	5 pcs	45 pcs	ZZM5W	12,99		
50	G2	83,7	80,2	ZZM6	26,99	4 pcs	24 pcs	ZZM6W	26,99		





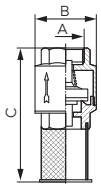
Flap check valve

- female - female
- body and flap: brass
- plug seal: PTFE
- flap seals: NBR
- nominal pressure: 1.6 MPa (16 bar)
- max. working temperature: 100°C

DN	A	B [mm]	C [mm]	Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR
15	G1/2	47	35,7	ZZK1	3,99	12 pcs	270 pcs	ZZK1W	3,99
20	G3/4	56	38,7	ZZK2	5,49	6 pcs	180 pcs	ZZK2W	5,69
25	G1	64	44	ZZK3	7,69	4 pcs	120 pcs	ZZK3W	7,89
32	G1 1/4	75	52	ZZK4	13,99	3 pcs	72 pcs		
40	G1 1/2	81	59	ZZK5	18,99	2 pcs	45 pcs		
50	G2	93	66	ZZK6	29,99	1 pcs	24 pcs	ZZK6	29,99

OTHER WATER VALVES





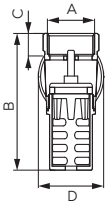
Description

Check valve with suction basket

- female
- body: brass
- closing element: ABS
- suction basket and spring: stainless steel
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

						Packaging		Retail (bags)	
DN	**A**	**B** [mm]	**C** [mm]	**Index**	**EUR**	individual	bulk	**Index**	**EUR**
15	**G1/2**	35,5	71,5	**K20**	**2,09**	20 pcs	240 pcs	**K20W**	**2,29**
20	**G3/4**	41,7	76,9	**K21**	**2,69**	20 pcs	120 pcs	**K21W**	**2,99**
25	**G1**	41,7	90,5	**K22**	**4,49**	10 pcs	90 pcs	**K22W**	**4,99**
32	**G1 1/4**	59,3	107,5	**K18**	**5,99**	4 pcs	36 pcs	**K18W**	**6,19**
40	**G1 1/2**	67,6	123,3	**K24**	**9,49**	3 pcs	36 pcs	**K24W**	**9,99**
50	**G2**	83,7	142,2	**K25**	**12,99**	3 pcs	18 pcs		





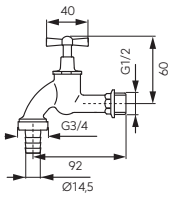
Check valve with suction basket

- female
- body, suction basket and locking element: brass
- locking element seal: NBR
- without spring
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

							Packaging	
DN	**A**	**B** [mm]	**C** [mm]	**D** [mm]	**Index**	**EUR**	individual	bulk
20	**G3/4**	67	11	41	**ZS1K**	**4,99**	12 pcs	144 pcs
25	**G1**	74	13	46	**ZS2K**	**6,99**	12 pcs	72 pcs
32	**G1 1/4**	85	14	58	**ZS3K**	**9,99**	9 pcs	54 pcs
40	**G1 1/2**	91	15	66	**ZS4K**	**13,99**	3 pcs	36 pcs

Description



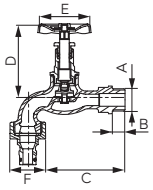


Poppet type bibcock

- male
- with metal hose connector
- with rosette
- handle: metal butterfly
- body: brass
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 90°C

Index	EUR	Packaging individual	bulk
KCC1B	7,49	1 pcs	50 pcs



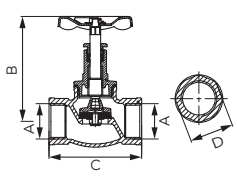


Poppet type cast iron bibcock

- male
- with quick coupler hose connection tip, gland and reliable stem seal
- handle: steel knob
- body: cast iron
- stem and plug seal: EPDM
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 90°C

DN	A	B [mm]	C [mm]	D [mm]	Ø E[mm]	F	Index	EUR	Packaging individual	bulk	Retail (bags) Index	EUR
	G1/2	12	91,5	72	50	G3/4	ZGC01	6,49	10 pcs	30 pcs	ZGC01W	6,49
	G3/4	14	114	94	54,5	G1	ZGC02	9,99	6 pcs	18 pcs		





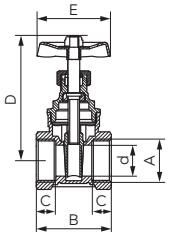
Poppet type cast iron valve

- female - female
- with a gland and reliable stem seal
- handle: steel knob
- body: cast iron
- stem and poppet seal: EPDM
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 95°C

DN	A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	bulk
15	G1/2	86	62	26,5	ZGZ01	5,69	12 pcs	144 pcs
20	G3/4	93	72	31,5	ZGZ02	7,99	6 pcs	120 pcs
25	G1	98,5	87	41	ZGZ03	11,99	6 pcs	72 pcs
32	G1 1/4	115	101	50,5	ZGZ04	19,99	8 pcs	48 pcs
40	G1 1/2	132,5	117	58	ZGZ05	28,99	4 pcs	32 pcs
50	G2	141	140	70,5	ZGZ06	39,99	2 pcs	18 pcs

OTHER WATER VALVES





Description

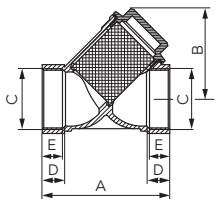
Gate valve

- female-female
- handle: steel knob
- material of body and gate: brass
- material of stem sealing: PTFE
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
15	**G1/2**	14,5	43	11,5	69	45	**ZGV01**	**4,99**	12 pcs	120 pcs
20	**G3/4**	19	46	12	76,5	45	**ZGV02**	**6,29**	12 pcs	96 pcs
25	**G1**	20	52	13	88	50	**ZGV03**	**8,49**	10 pcs	60 pcs
32	**G1 1/4**	27	56	13,5	99,5	60	**ZGV04**	**13,99**	6 pcs	36 pcs
40	**G1 1/2**	33	60	14,5	111,5	70	**ZGV05**	**18,99**	3 pcs	15 pcs
50	**G2**	43	70	16,5	123,5	70	**ZGV06**	**28,99**	2 pcs	20 pcs
65	**G2 1/2**	54	76,5	17,5	156	89	**ZGV07**	**56,99**	2 pcs	12 pcs
80	**G3**	65	77,5	19	173	110	**ZGV08**	**79,99**	1 pcs	6 pcs
100	**G4**	86,5	97	21,5	218,5	110	**ZGV09**	**119,99**	1 pcs	3 pcs

Description



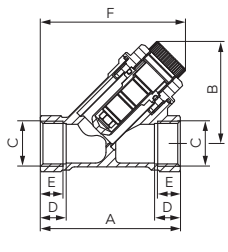


Y-strainer

- female - female
- material of body: CW617N-4MS brass
- material of filter: AISI304 stainless steel
- mesh size of filter insert:
  0,48 mm² - DN15-50
  1,44 mm² - DN60-100
- for use in cold and hot water systems and in heating and cooling systems where the operating medium is water or water-glycol solution (up to 50%)
- nominal pressure: 16 bar (PN16)
- maximum operating temperature: 120°C

							Packaging	
DN	**A** [mm]	**B** [mm]	**C** [cal]	**D** [mm]	**E** [mm]	**Index**	**EUR**	individual	bulk
15	54	40,8	**G1/2**	12	10,5	**F02V**	**3,99**	18 pcs	144 pcs
20	73	52,9	**G3/4**	13,5	12	**F03V**	**5,99**	12 pcs	96 pcs
25	84	59,5	**G1**	16	14,5	**F06V**	**9,99**	8 pcs	64 pcs
32	95	72,6	**G1 1/4**	17,5	15,5	**F04V**	**14,99**	6 pcs	36 pcs
40	110	79,8	**G1 1/2**	19	18	**F05V**	**20,19**	4 pcs	32 pcs
50	123	92,3	**G2**	21	19	**F07V**	**32,99**	2 pcs	10 pcs
65	134	119	**G2 1/2**	22	18,5	**F08V**	**54,99**	1 pcs	8 pcs
80	156,5	135	**G3**	26	21	**F09V**	**79,99**	1 pcs	6 pcs
100	178	170	**G4**	27,5	25	**F10V**	**129,99**	1 pcs	4 pcs



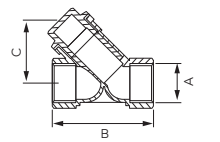


Magnet Y-strainer

- female - female
- material of filter: AISI304 stainless steel
- mesh size of filter insert: 0.36 mm²
- neodymium magnet N35 (6000 -9500 GS)
- magnet housing: CW617N - 4MS
- for use in cold and hot water systems and in heating and cooling systems where the operating medium is water or water-glycol solution (up to 50%)
- nominal pressure: 16 bar (PN16)
- maximum operating temperature: 100°C

								Packaging	
DN	**A** [mm]	**B** [mm]	**C** [cal]	**D** [mm]	**E** [mm]	**E** [mm]	**Index**	**EUR**	individual	bulk
15	65	47,4	**G1/2**	12	10,5	67,4	**F02M**	**9,99**	12 pcs	96 pcs
20	76	54,8	**G3/4**	13,5	12	77,8	**F03M**	**12,99**	10 pcs	80 pcs
25	84	56,9	**G1**	15	13,5	81,9	**F06M**	**14,99**	8 pcs	64 pcs
32	95	72,7	**G1 1/4**	17,5	15,5	97,7	**F04M**	**24,99**	6 pcs	36 pcs
40	105	76,9	**G1 1/2**	17,5	15,5	105,9	**F05M**	**29,99**	4 pcs	32 pcs
50	121	88,5	**G2**	21	19	116,7	**F07M**	**42,99**	2 pcs	10 pcs



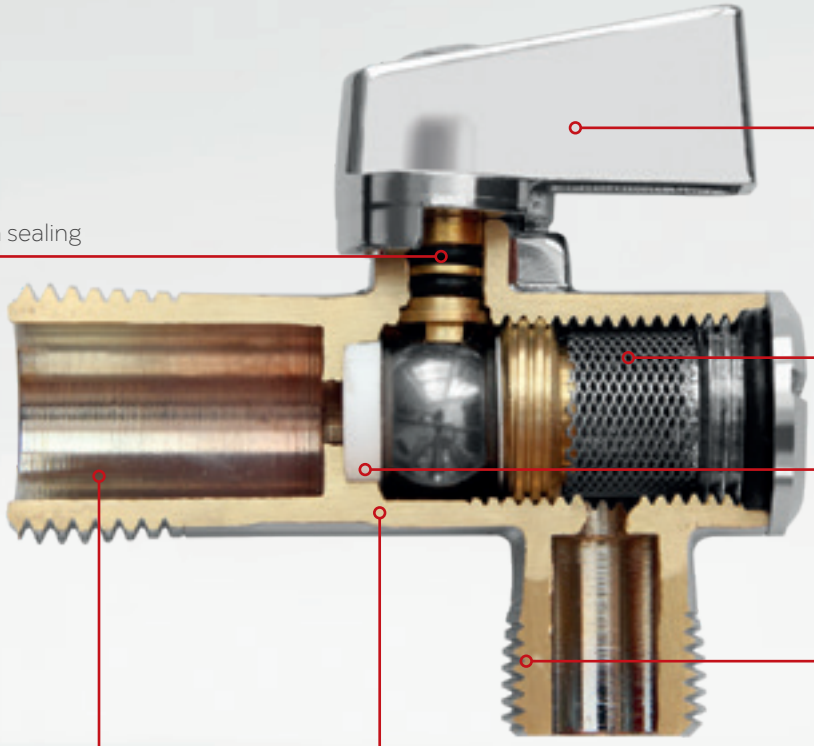


Sediment central heating filter

- female - female
- body: brass
- filter: stainless steel
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

						Packaging		Retail (bags)		Retail (Eurohanger)	
DN	**A**	**B** [mm]	**C** [mm]	**Index**	**EUR**	individual	bulk	**Index**	**EUR**	**Index**	**EUR**
15	**G1/2**	54	33,5	**F02**	**3,39**	15 pcs	180 pcs			**F02E**	**3,69**
20	**G3/4**	70	56,5	**F03**	**5,69**	10 pcs	120 pcs			**F03E**	**5,99**
25	**G1**	84	44,5	**F06**	**8,99**	10 pcs	90 pcs			**F06E**	**8,49**
32	**G1 1/4**	98	75	**F04**	**13,99**	4 pcs	36 pcs				
40	**G1 1/2**	110	82	**F05**	**17,99**	2 pcs	24 pcs				
50	**G2**	128	93	**F07**	**27,99**	2 pcs	12 pcs				
65	**G2 1/2**	143	128	**F08**	**54,99**	1 pcs	12 pcs	**F08**	**54,99**		
80	**G3**	160	152	**F09**	**69,99**	1 pcs	6 pcs	**F09**	**69,99**		
100	**G4**	182	175	**F10**	**109,99**	1 pcs	4 pcs	**F10**	**109,99**		

Angle valves



Advantages:

- solid workmanship
- quality control carried out strictly according to the applicable European standards
- 100% of produced valves are subjected to tightness test
- valve's bodies have permanent markings required by the European standards
- internal surface suitable for potable water

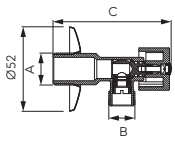
Operating parameters and scope of application:

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- working media: hot and cold water (water systems)

Workmanship and materials:

- bodies made of high-quality CW617N brass
- seals made of NBR or PTFE
- stainless steel filter cartridges





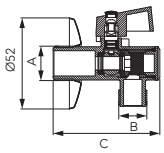
Description

Ball valve with rosette and metal knob

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75,2	1/2"x3/8"	Z1238K	3,19	1 pcs	100 pcs
G1/2	G1/2	75,2	1/2"x1/2"	Z1212K	3,19	1 pcs	100 pcs
G1/2	G3/4	75,2	1/2"x3/4"	Z1234K	3,49	1 pcs	100 pcs



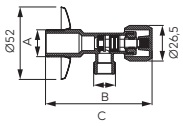


Ball valve with filter, rosette and metal knob

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	63	1/2"x3/8"	Z1238KF	3,99	1 pcs	100 pcs
G1/2	G1/2	63	1/2"x1/2"	Z1212KF	3,89	1 pcs	100 pcs
G1/2	G3/4	63	1/2"x3/4"	Z1234KF	3,99	1 pcs	100 pcs



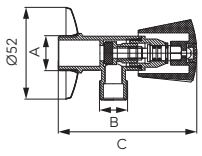


Poppet valve, rosette and metal knob

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	78,5	1/2"x3/8"	Z1238G	3,69	1 pcs	100 pcs
G1/2	G1/2	78,5	1/2"x1/2"	Z1212G	3,69	1 pcs	100 pcs
G1/2	G3/4	78,5	1/2"x3/4"	Z1234G	3,69	1 pcs	100 pcs





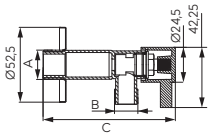
Poppet valve

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	81,5	1/2"x3/8" with coupling for copper pipe Ø10 mm	Z240	4,49	1 pcs	100 pcs
G1/2	G1/2	81,5	1/2"x1/2"	Z220	3,99	1 pcs	100 pcs
G1/2	G3/4	81,5	1/2"x3/4"	Z230	4,29	1 pcs	100 pcs

ANGLE VALVES





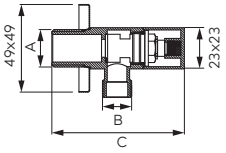
Description

Angle valve with ceramic head

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	98	1/2"x3/8"	Z1238C	5,49	1 pcs	100 pcs
G1/2	G1/2	98	1/2"x1/2"	Z1212C	5,49	1 pcs	100 pcs
G1/2	G3/4	98	1/2"x3/4"	Z1234C	5,69	1 pcs	100 pcs



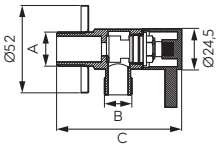


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z293	8,99	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294	8,99	1 pcs	100 pcs



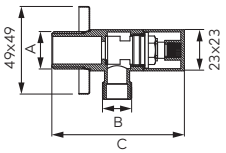


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z295	6,99	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296	6,99	1 pcs	100 pcs



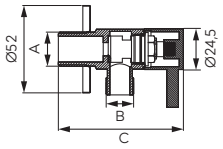


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- no contact of flowing water with paint finish
- the valve body doesn't scratch the rosette during installation
- finish: black matt

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z293-BL	10,99	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294-BL	10,99	1 pcs	100 pcs

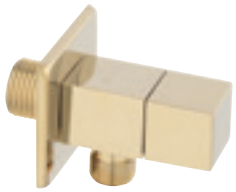


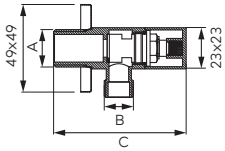


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- no contact of flowing water with paint finish
- finish: black matt

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z295-BL	9,49	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296-BL	9,49	1 pcs	100 pcs



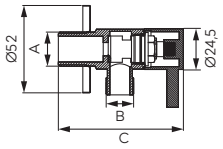


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- no contact of flowing water with paint finish
- the valve body doesn't scratch the rosette during installation
- finish: bright gold

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z293-G	10,99	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294-G	10,99	1 pcs	100 pcs



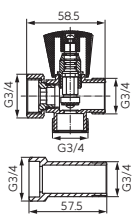


Angle valve with ceramic head and rosette

- nominal pressure: 1,0 MPa (10 bar)
- max. working temperature: 100°C
- no contact of flowing water with paint finish
- finish: bright gold

A	B	C [mm]	Size of connectors	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	75	1/2"x3/8"	Z295-G	9,49	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296-G	9,49	1 pcs	100 pcs



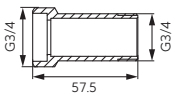


Washing machine connection valve with 3/4"

- chrome
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk
Z250	9,99	1 pcs	36 pcs



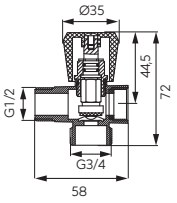


Faucet extension G3/4

- chrome

Index	EUR	Packaging individual	bulk
P480	3,99	1 pcs	100 pcs



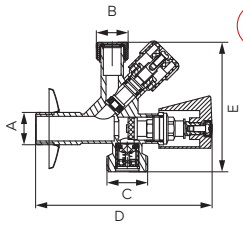


3-way poppet valve

- for connecting a washing machine or dishwasher with an existing angle valve
- 1/2" FT connection for flat seal
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	bulk
CF3019A	5,99	1 pcs	100 pcs



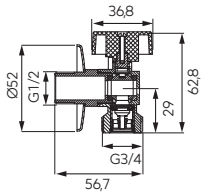


Double poppet valve with rosette

- for connecting mixers and washing machine or dishwasher
- check valve built into the 3/4" connection
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

A	B	C	D [mm]	E [mm]	Size of connectors	Index	EUR	Packaging individual	bulk
G1/2	G3/8	G3/4	114	84	3/8"x1/2"x3/4" with coupling for copper pipe Ø10 mm	CF5104	9,99	1 pcs	24 pcs
G1/2	G1/2	G3/4	114	84	1/2"x1/2"x3/4"	CF5105	10,99	1 pcs	24 pcs

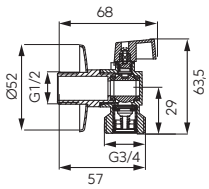
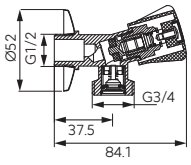




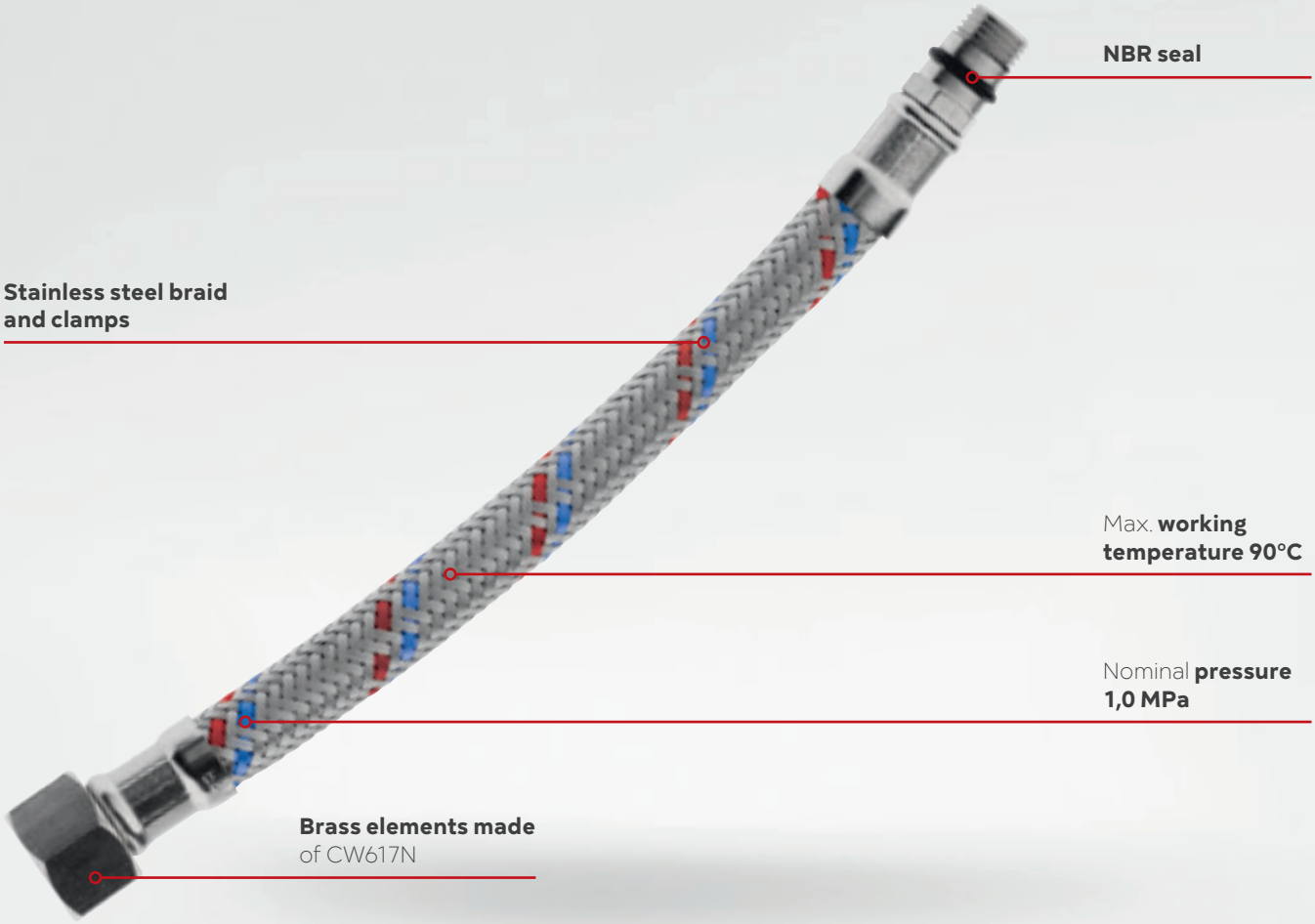
1/2" x 3/4" ball valve with rosette and metal handle

- for connecting a washing machine or dishwasher
- check valve built into the 3/4" connection
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	bulk
CF3016	5,99	1 pcs	100 pcs

Description				
 				**1/2" x 3/4" ball valve with rosette and aluminium handle** • for connecting a washing machine or dishwasher • check valve built into the 3/4" connection • nominal pressure: 1.0 MPa (10 bar) • max. working temperature: 100°C
			Packaging	
Index	**EUR**		individual	bulk
CF3027	**4,99**		1 pcs	100 pcs
 				**1/2" x 3/4" poppet valve with rosette** • for connecting a washing machine or dishwasher • check valve built into the 3/4" connection • nominal pressure: 1.0 MPa (10 bar) • max. working temperature: 100°C
			Packaging	
Index	**EUR**		individual	bulk
CF3017	**5,99**		1 pcs	100 pcs

Connection hoses



AISI 304

CW 617N

WARRANTY 10

H_2O

Advantages:

- strong and durable stainless steel braid
  - resistant to building lime
  - in contact with water no oxide formations appear on the surface of the hose creating stains optically resembling corrosion
- steel and brass elements connecting the flexible part with the end of the hose provide a long term, reliable and tight connection
- all flexible connections are subjected to 100% tightness test
- simple design and high reliability
- all connections have the manufacturer's markings and production year

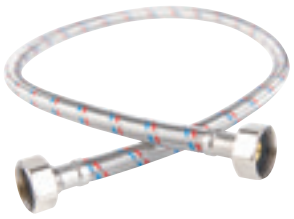
Operating parameters and scope of application:

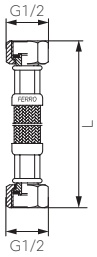
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 90°C
- working media: water (water supply systems and central heating)
- connection cables have a Hygienic Certificate issued by the National Institute of Hygiene in Warsaw

Workmanship and materials:

- connections (clamping nuts and connection ends): nickel-plated or chrome-plated brass
- outer braid and clamping sleeve: stainless steel AISI 304
- flat or O-ring seal: EPDM or NBR

Description				



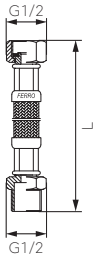


Stainless steel braided connection hose with gasket

• 1/2" female – female

			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
15	**PWS04**	**1,61**	1 pcs	10 pcs
20	**PWS1**	**1,68**	1 pcs	10 pcs
25	**PWS01**	**1,76**	1 pcs	10 pcs
30	**PWS2**	**1,83**	1 pcs	10 pcs
35	**PWS02**	**1,90**	1 pcs	10 pcs
40	**PWS3**	**1,98**	1 pcs	10 pcs
45	**PWS03**	**2,05**	1 pcs	10 pcs
50	**PWS4**	**2,13**	1 pcs	10 pcs
60	**PWS5**	**2,27**	1 pcs	10 pcs
70	**PWS6**	**2,43**	1 pcs	10 pcs
80	**PWS7**	**2,58**	1 pcs	10 pcs
90	**PWS8**	**2,73**	1 pcs	10 pcs
100	**PWS9**	**2,88**	1 pcs	10 pcs
120	**PWS20**	**3,17**	1 pcs	10 pcs
150	**PWS30**	**3,62**	1 pcs	10 pcs
200	**PWS40**	**4,36**	1 pcs	10 pcs



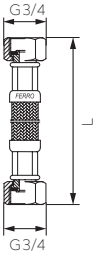


Stainless steel braided connection hose with gasket

• 1/2" male – female

			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
20	**PWS11**	**1,66**	1 pcs	10 pcs
25	**PWS411**	**1,71**	1 pcs	10 pcs
30	**PWS21**	**1,87**	1 pcs	10 pcs
40	**PWS31**	**2,04**	1 pcs	10 pcs
50	**PWS41**	**2,23**	1 pcs	10 pcs
60	**PWS51**	**2,41**	1 pcs	10 pcs
70	**PWS61**	**2,59**	1 pcs	10 pcs
80	**PWS71**	**2,65**	1 pcs	10 pcs
90	**PWS81**	**2,95**	1 pcs	10 pcs
100	**PWS91**	**3,13**	1 pcs	10 pcs
120	**PWS511**	**3,43**	1 pcs	10 pcs
150	**PWS301**	**3,87**	1 pcs	10 pcs





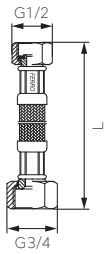
Stainless steel braided connection hose with gasket

• 3/4" female - female

			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
30	**PWS611**	**2,82**	1 pcs	10 pcs
40	**PWS62**	**3,03**	1 pcs	10 pcs
50	**PWS63**	**3,21**	1 pcs	10 pcs
100	**PWS64**	**4,20**	1 pcs	10 pcs

CONNECTION HOSES





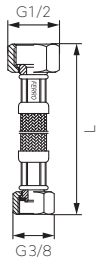
Description

Stainless steel braided connection hose 3/4"x 1/2"

- female - female

L [cm]	Index	EUR	Packaging individual	Packaging bulk
30	PWS711	2,30	1 pcs	10 pcs
35	PWS72	2,41	1 pcs	10 pcs
40	PWS73	2,53	1 pcs	10 pcs
50	PWS74	2,71	1 pcs	10 pcs
60	PWS75	2,92	1 pcs	10 pcs
70	PWS76	3,13	1 pcs	10 pcs
80	PWS77	3,29	1 pcs	10 pcs
100	PWS78	3,67	1 pcs	10 pcs

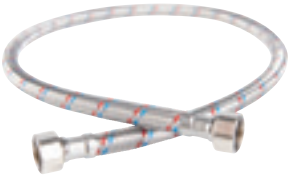


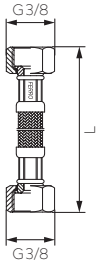


Stainless steel braided connection hose 1/2"×3/8"

- female - female

L [cm]	Index	EUR	Packaging individual	Packaging bulk
20	PWS811	1,60	1 pcs	10 pcs
30	PWS82	1,75	1 pcs	10 pcs
40	PWS83	1,90	1 pcs	10 pcs
50	PWS84	2,04	1 pcs	10 pcs
60	PWS85	2,19	1 pcs	10 pcs
80	PWS86	2,50	1 pcs	10 pcs
100	PWS87	2,79	1 pcs	10 pcs

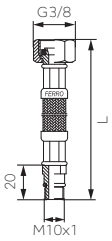
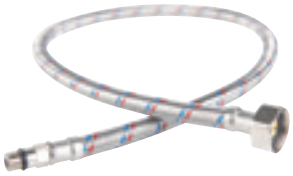
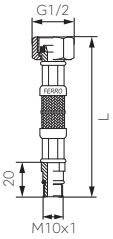
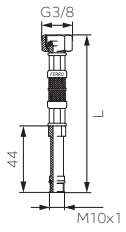
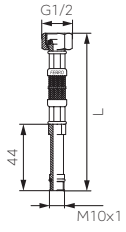




Stainless steel braided connection hose 3/8"×3/8"

- female - female

L [cm]	Index	EUR	Packaging individual	Packaging bulk
20	PWS95	1,61	1 pcs	10 pcs
30	PWS911	1,67	1 pcs	10 pcs
40	PWS92	1,82	1 pcs	10 pcs
50	PWS93	1,96	1 pcs	10 pcs
60	PWS94	2,11	1 pcs	10 pcs
80	PWS96	2,67	1 pcs	10 pcs

Description				
 	**Stainless steel braided connection hose 3/8"×M10×1** • with short tip			
			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
30	**WBS15**	**1,60**	1 pcs	10 pcs
35	**WBS11**	**1,87**	1 pcs	10 pcs
40	**WBS17**	**1,76**	1 pcs	10 pcs
50	**WBS12**	**1,90**	1 pcs	10 pcs
60	**WBS18**	**2,06**	1 pcs	10 pcs
80	**WBS19**	**2,08**	1 pcs	10 pcs
 	**Stainless steel braided connection hose 1/2"×M10×1** • with short tip			
			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
35	**WBS21**	**1,69**	1 pcs	10 pcs
40	**WBS81**	**1,76**	1 pcs	10 pcs
50	**WBS22**	**1,92**	1 pcs	10 pcs
60	**WBS82**	**2,08**	1 pcs	10 pcs
70	**WBS83**	**2,23**	1 pcs	10 pcs
80	**WBS84**	**2,38**	1 pcs	10 pcs
90	**WBS85**	**2,54**	1 pcs	10 pcs
100	**WBS86**	**2,69**	1 pcs	10 pcs
 	**Stainless steel braided connection hose 3/8"×M10×1** • with long tip			
			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
30	**WBS91**	**1,84**	1 pcs	10 pcs
35	**WBS13**	**1,91**	1 pcs	10 pcs
40	**WBS92**	**1,99**	1 pcs	10 pcs
50	**WBS14**	**2,15**	1 pcs	10 pcs
60	**WBS93**	**2,31**	1 pcs	10 pcs
 	**Stainless steel braided connection hose 1/2"×M10×1** • with long tip			
			Packaging	
L [cm]	**Index**	**EUR**	individual	bulk
35	**WBS23**	**2,01**	1 pcs	10 pcs
40	**WBS25**	**2,09**	1 pcs	10 pcs
50	**WBS24**	**2,24**	1 pcs	10 pcs
60	**WBS26**	**2,40**	1 pcs	10 pcs
70	**WBS27**	**2,55**	1 pcs	10 pcs
80	**WBS28**	**2,71**	1 pcs	10 pcs
90	**WBS29**	**2,86**	1 pcs	10 pcs
100	**WBS20**	**3,02**	1 pcs	10 pcs

Measuring devices

MEASURING DEVICES



PRESSURE GAUGES
352



THERMOMANOMETERS
354



THERMOMETERS
354



ACCESSORIES
355

Measuring devices



Description

Measuring devices include manometers/pressure gauges, thermomanometers gaugess and thermometers that allow to measure the working parameters of the installation. The devices can be used in water installations, central heating and industrial installations. High technical parameters ensure accurate and reliable measurement.

Pressure gauges are based on Bourdon's tubular spring and their casings are made of high quality plastic. They offer measuring ranges from 0 to 4, 6 or 10 bar and are equipped with side or rear brass connections. Thermomanometers gaugess are devices that allow to simultaneously measure pressure and temperature in the system.

Dial thermometers are available in galvanized steel casings and their covers are made of scratch-resistant plastic. The measuring mechanism is based on a bimetallic spiral. The temperature measurement range is from 0 to 120°C and the dial diameters measure 40 mm, 63 mm, 80 mm and 100 mm. Dial thermometers are equipped with rear brass connections.

	Description

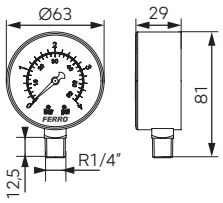


Pressure gauges

- casing: high resistance ABS
- cover: scratch-resistant plastic
- dial: powder-coated aluminium
- type: pressure gauge with Bourdon tube spring
- dial diameter: 63 mm
- range: 0 - 4 bar
- connection: 1/4" brass - rear connection

		Packaging	
Index	**EUR**	individual	bulk
M6304A	**2,99**	1 pcs	150 pcs



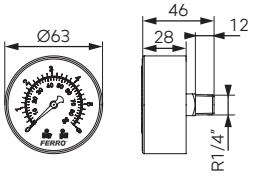


Pressure gauges

- casing: high resistance ABS
- cover: scratch-resistant plastic
- dial: powder-coated aluminium
- type: pressure gauge with Bourdon tube spring
- dial diameter: 63 mm
- range: 0 - 4 bar
- connection: 1/4" brass – side connection

		Packaging	
Index	**EUR**	individual	bulk
M6304R	**2,99**	1 pcs	120 pcs



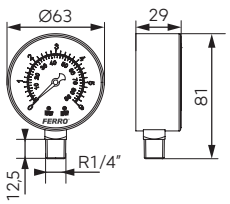


Pressure gauges

- casing: high resistance ABS
- cover: scratch-resistant plastic
- dial: powder-coated aluminium
- type: pressure gauge with Bourdon tube spring
- dial diameter: 63 mm
- range: 0 - 6 bar
- connection: 1/4" brass - rear connection

		Packaging	
Index	**EUR**	individual	bulk
M6306A	**2,99**	1 pcs	150 pcs

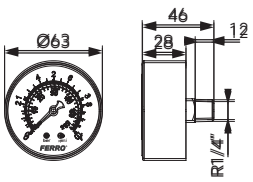
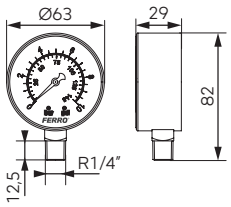




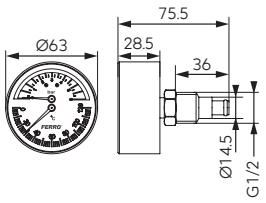
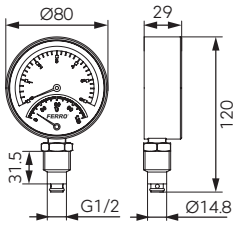
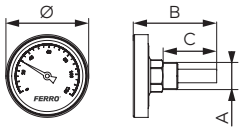
Pressure gauges

- casing: high resistance ABS
- cover: scratch-resistant plastic
- dial: powder-coated aluminium
- type: pressure gauge with Bourdon tube spring
- dial diameter: 63 mm
- range: 0 - 6 bar
- connection: 1/4" brass – side connection

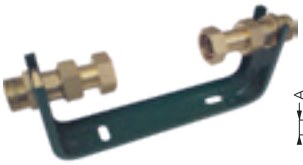
		Packaging	
Index	**EUR**	individual	bulk
M6306R	**2,99**	1 pcs	120 pcs

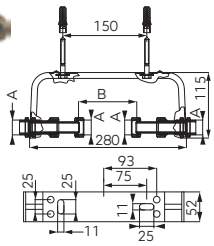
Description				
 	**Pressure gauges** • casing: high resistance ABS • cover: scratch-resistant plastic • dial: powder-coated aluminium • type: pressure gauge with Bourdon tube spring • dial diameter: 63 mm • range: 0 - 10 bar • connection: 1/4" brass - rear connection			
			Packaging	
Index	**EUR**		individual	bulk
M6310A	**2,99**		1 pcs	150 pcs
 	**Pressure gauges** • casing: high resistance ABS • cover: scratch-resistant plastic • dial: powder-coated aluminium • type: pressure gauge with Bourdon tube spring • dial diameter: 63 mm • range: 0 - 10 bar • connection: 1/4" brass – side connection			
			Packaging	
Index	**EUR**		individual	bulk
M6310R	**2,99**		1 pcs	120 pcs

THERMOMETERS AND THERMOMANOMETERS

Description					
		**Thermomanometer** • casing: high resistance ABS • cover: scratch-resistant plastic • dial: powder-coated aluminium • mechanism: - pressure gauge - Bourdon tube spring - thermometer - bimetallic spiral • 1/2" brass rear connector • temperature range: 0 - 120°C • pressure range: 0 - 6 bar • dial diameter: 63 mm			
				Packaging	
		Index	**EUR**	individual	bulk
		TM63A	**8,99**	1 pcs	90 pcs
		**Thermomanometer** • casing: high resistance ABS • cover: scratch-resistant plastic • dial: powder-coated aluminium • mechanism: - pressure gauge - Bourdon tube spring - thermometer - bimetallic spiral • 1/2" brass side connector • temperature range: 0 - 120°C • pressure range: 0 - 6 bar • dial diameter: 80 mm			
				Packaging	
		Index	**EUR**	individual	bulk
		TM80R	**7,99**	1 pcs	60 pcs
		**Axial thermometer** • rear brass connection • casing: zinc-plated steel • cover: scratch-resistant plastic • dial: powder-coated aluminium • mechanism: bimetallic spiral • range: 0 - 120°C			

						Packaging	
Ø [mm]	**A**	**B** [mm]	**C** [mm]	**Index**	**EUR**	individual	bulk
40	**G1/4 with O-ring**	44,5	26	**T40120A**	**3,99**	1 pcs	400 pcs
63	**G1/2**	64,5	41,5	**T63120A**	**3,49**	1 pcs	150 pcs
80	**G1/2**	63	41,3	**T80120A**	**4,49**	1 pcs	80 pcs
100	**G1/2**	67	41,3	**T100120A**	**4,99**	1 pcs	40 pcs





Description

Water meter console

- adjustable spacing between connections
- fitting lead seals possible
- gaskets, screws and rawplugs included

DN	A	B [mm] min.	B [mm] max.	Index	EUR	Packaging	
						individual	bulk
15	**G3/4**	71	156	**KSD15**	**18,99**	1 pcs	8 pcs
20	**G1**	55	126	**KSD20**	**27,99**	1 pcs	8 pcs

Gas fittings

GAS FITTINGS



VALVES
357

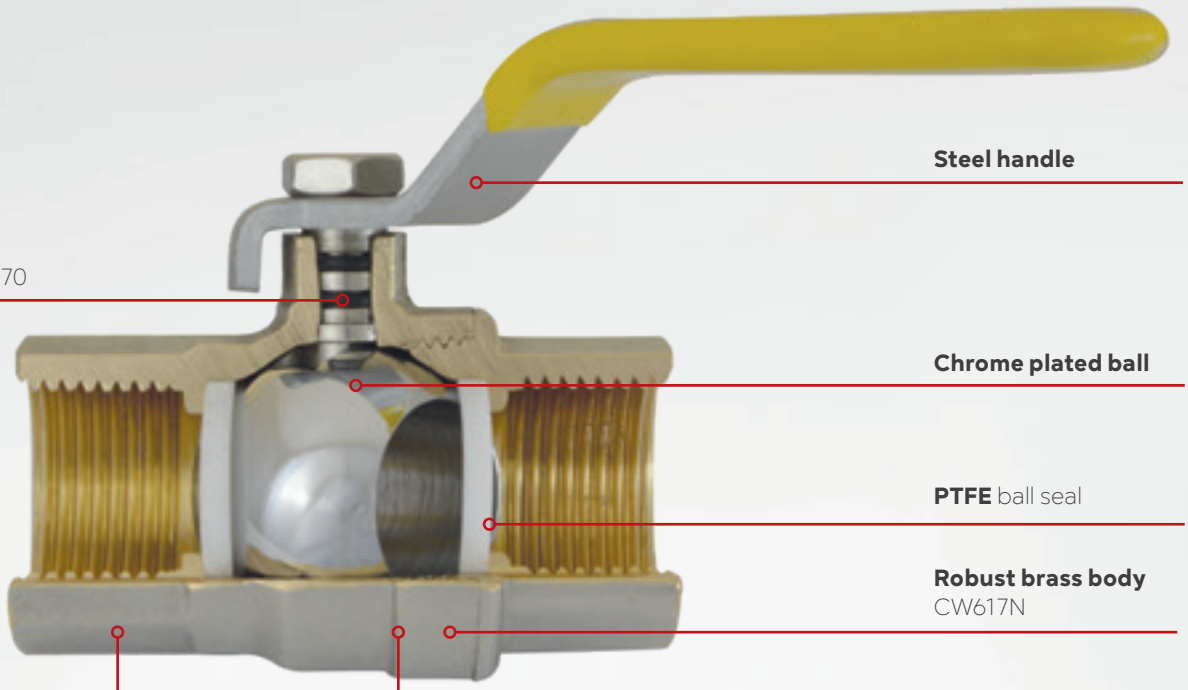


FILTERS
361



HOSES
362

Gas valves



GAS

CW 617N

Advantages:

- valves meet the requirements of European standards
- are made of high quality materials
- have a Certificate of Constancy of Performance

Certificates:

Gas ball valves have been tested and audited in the production plant by the Oil and Gas Institute - National Research Institute in Krakow. On the basis of these tests and the audit, the Certificate of Constancy of Performance was issued.

Operating parameters and scope of application:

- pressure class: MOP 5 (0.5 MPa)
- temperature class: T2 (-20°C to 60°C)
- gas family: 1, 2, 3

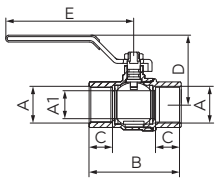
Workmanship and materials:

- body: high quality CW617N brass
- brass ball finish: chrome plated, polished
- ball seal: PTFE
- stem seal: double O-ring with NBR70 (on KGN models)
- PTFE and O-ring with NBR70 (KGS and KGMS models)
- lever: zinc-plated steel, yellow plastic-coated

GAS VALVES

Description



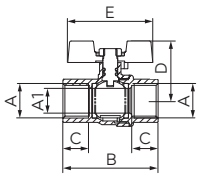


Gas ball valve - type G61

- female - female
- handle: metal lever
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem seal: double O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

								Packaging		Retail (Eurohanger)	
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp 1/2	15	57,7 ±1	min. 15	43 ±1	89 ±1	KGN1	4,29	12 pcs	108 pcs	KGN1E	4,49
20	Rp 3/4	20	67 ±1	min. 16.3	47 ±1	89 ±1	KGN2	6,19	9 pcs	81 pcs	KGN2E	6,39
25	Rp 1	24,5	81,3 ±1	min. 19.1	61 ±1	112,3 ±1	KGN3	10,99	4 pcs	36 pcs	KGN3E	11,19
32	Rp 1 1/4	30,5	95,5 ±1	min. 21.4	72,3 ±1	131,3 ±2	KGN4	18,99	2 pcs	18 pcs		
40	Rp 1 1/2	38,5	105,5 ±1	min. 21.4	78,4 ±2	131,3 ±2	KGN5	24,99	2 pcs	18 pcs		
50	Rp 2	47,5	126 ±1	min. 25.7	89,5 ±2	159,5 ±2	KGN6	44,99	2 pcs	12 pcs		



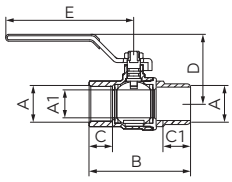


Gas ball valve - type G61

- female - female
- handle: aluminium butterfly
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem seal: double O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

								Packaging		Retail (bags)	
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp 1/2	15	57.7±1	min. 15	36.2±2	51.5±3	KGMN1	4,29	16 pcs	144 pcs	KGMN1W	4,59
20	Rp 3/4	20	67±1	min. 16.3	40.1±2	51.5±3	KGMN2	6,29	12 pcs	108 pcs	KGMN2W	6,69
25	Rp 1	24,5	81.3±1	min. 19.1	49.2±2	67±1	KGMN3	9,99	6 pcs	54 pcs	KGMN3W	10,69





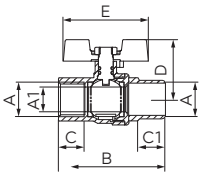
Gas ball valve - type G61

- female-male
- handle: metal lever
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem seal: double O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

								Packaging		Retail (bags)		Retail (Eurohanger)	
DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk	Index	EUR	Index	EUR
15	Rp1/2-R1/2	15	63.2±1	min. 15/12.5	43.1±1	89±1	KGN11	4,29	10 pcs	80 pcs	KGN11W	4,49	KGN11E	4,49
20	Rp3/4-R3/4	20	71.5±1	min. 16.3/14	47.0±1	89±1	KGN21	6,19	9 pcs	81 pcs	KGN21W	6,39	KGN21E	6,39
25	Rp1-R1	24,5	85±1	min. 19.1/16	61±1	112.3±1	KGN31	10,99	9 pcs	54 pcs				
32	Rp1 1/4-R1 1/4	30,5	101±1	min. 21.4/18.5	72.3±1	129,5±3	KGN41	18,99	4 pcs	24 pcs				
40	Rp1 1/2-R1 1/2	38,5	114.5±1	min. 21.4/18.5	79,1±2	129,5±3	KGN51	24,99	2 pcs	20 pcs				
50	Rp2-R2	47,5	141.5±1	min. 25.7/22.5	86,4±3	163±3	KGN61	44,99	1 pcs	8 pcs				

Description



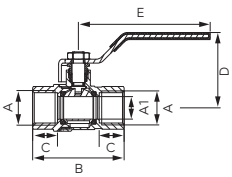


Gas ball valve - type G61

- female-male
- handle: aluminium butterfly
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem seal: double O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

									Packaging		Retail (bags)	
DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk	Index	EUR
15	Rp1/2-R1/2	15	63.2±1	min. 15/12.5	36.2±2	51.5±3	KGMN11	4,29	16 pcs	144 pcs	KGMN11W	4,49
20	Rp3/4-R3/4	20	71.5±1	min. 16.3/14	40.1±2	51.5±3	KGMN21	6,29	10 pcs	90 pcs	KGMN21W	6,49
25	Rp1-R1	24,5	85±1	min. 19.1/16	49.2±2	67±3	KGMN31	9,99	6 pcs	54 pcs	KGMN31W	10,99



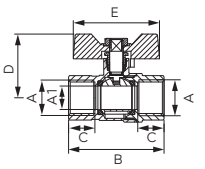


Gas ball valve - type G18

- female - female
- with gland
- handle: metal lever
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem sealing: PTFE and O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

							Packaging		
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk
15	Rp 1/2	14	57±1	min. 15	47,8±1	82±1	KGS1	3,99	14 pcs	126 pcs
20	Rp 3/4	18,5	66,7±1	min. 16.3	49,3±1	104±1	KGS2	5,99	9 pcs	81 pcs
25	Rp 1	23	78±1	min. 19.1	57,3±1	104±1	KGS3	9,99	9 pcs	54 pcs



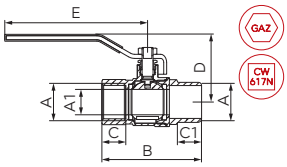


Gas ball valve - type G18

- female - female
- with gland
- handle: aluminium butterfly
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem sealing: PTFE and O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

							Packaging		
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	individual	bulk
15	Rp 1/2	14	57±1	min. 15	39±1	51,5±1	KGMS1	3,99	16 pcs	144 pcs
20	Rp 3/4	18,5	66,7±1	min. 16.3	42±1	51,5±1	KGMS2	5,99	12 pcs	108 pcs
25	Rp 1	23	78±1	min. 19.1	54,5±1	67±1	KGMS3	9,99	7 pcs	63 pcs





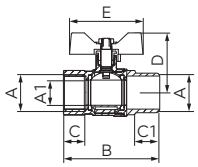
Description

Gas ball valve - type G18

- female-male
- with gland
- handle: metal lever
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem sealing: PTFE and O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
15	**Rp1/2-R1/2**	14	63.2±1	min. 15/12.5	47.8±1	82±1	**KGS11**	**3,99**	10 pcs	80 pcs
20	**Rp3/4-R3/4**	18,5	71.7±1	min. 16.3/14	49.4±1	104±1	**KGS21**	**5,99**	9 pcs	81 pcs
25	**Rp1-R1**	23	83.8±1	min. 19.1/16	57.3±1	104±1	**KGS31**	**9,99**	9 pcs	54 pcs





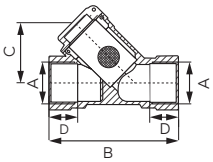
Gas ball valve - type G18

- female-male
- with gland
- handle: aluminium butterfly
- body and ball material: high quality brass CW617N
- ball sealing: PTFE
- stem sealing: PTFE and O-ring with NBR70
- max. working pressure: MOP5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
15	**Rp1/2-R1/2**	14	63.2±1	min. 15/12.5	39±1	51.5±1	**KGMS11**	**3,99**	15 pcs	135 pcs
20	**Rp3/4-R3/4**	18,5	71.7±1	min. 16.3/14	42±1	51.5±1	**KGMS21**	**5,99**	10 pcs	90 pcs
25	**Rp1-R1**	23	83.8±1	min. 19.1/16	54.6±1	67±1	**KGMS31**	**9,99**	6 pcs	54 pcs

Description



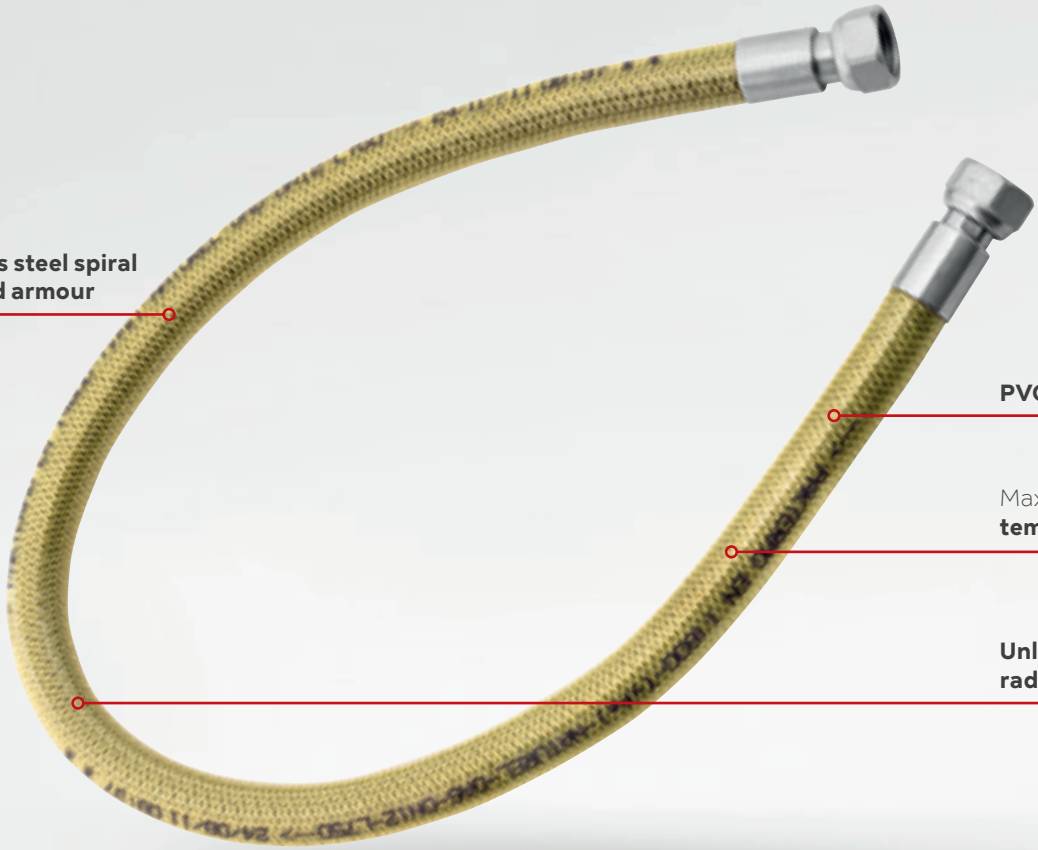


Mesh gas filter - type G41

- female - female
- body and plug material: high quality CW617N brass
- plug sealing: NBR
- filter cartridge: AISI 304 stainless steel
- filter cartridge hole diameter: 0.2 ± 0.02 mm
- max. working pressure: MOP 5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)

							Packaging	
DN	**A**	**B** [mm]	**C** [mm]	**D** [mm]	**Index**	**EUR**	individual	bulk
15	**Rp 1/2**	67	33,6±1	min. 15,0	**F2G**	**4,29**	12 pcs	108 pcs
20	**Rp 3/4**	80	37,5±1	min. 16,3	**F3G**	**6,99**	8 pcs	72 pcs
25	**Rp 1**	85	45,6±1	min. 19,1	**F6G**	**9,99**	6 pcs	54 pcs
32	**Rp 5/4**	98	54,8±1	min. 21,4	**F4G**	**17,99**	2 pcs	18 pcs
40	**Rp 6/4**	116	58,7±1	min. 21,4	**F5G**	**24,99**	2 pcs	18 pcs
50	**Rp 2**	136	70,7±1	min. 25,7	**F7G**	**39,99**	2 pcs	12 pcs

Gas hoses



GAS

WARRANTY 5

Advantages:

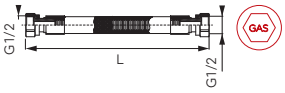
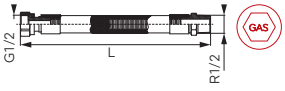
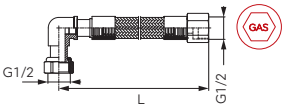
- available in a wide range of lengths - up to 200 cm
- available with three different types of connections, including an elbow connection
- unlimited bending radius

Operating parameters and scope of application:

- reaction to fire: B s2 d0
- working temperature T2 from -20°C to +60°C
- gas type: natural gas (2nd family gas fuels according to EN 437)
- max. working pressure: up to 0.5 bar
- in accordance with standard PN-EN 14800:2010
- application: for connecting domestic appliances inside and outside the apartments, with gas supply of a pressure lower than 0.5 bar. Suitable for use in locations subject to regulations on reaction to fire

Workmanship and materials:

- 3 types of protection:
  PVC coating
  stainless steel armour
  stainless steel spiral tube
- Nominal diameter: DN12

Description				
 	**1/2" female - female gas hose with two rotating nuts and PVC sheath**			
			Packaging	
L [mm]	**Index**	**EUR**	individual	bulk
500	**WG0500**	**13,99**	1 pcs	50 pcs
750	**WG0750**	**14,99**	1 pcs	50 pcs
1000	**WG1000**	**15,99**	1 pcs	50 pcs
1250	**WG1250**	**18,99**	1 pcs	50 pcs
1500	**WG1500**	**19,99**	1 pcs	50 pcs
2000	**WG2000**	**22,99**	1 pcs	50 pcs
 	**1/2" female - male gas hose with two rotating nuts and PVC sheath**			
			Packaging	
L [mm]	**Index**	**EUR**	individual	bulk
500	**WGN0500**	**13,99**	1 pcs	50 pcs
750	**WGN0750**	**14,99**	1 pcs	50 pcs
1000	**WGN1000**	**15,99**	1 pcs	50 pcs
1250	**WGN1250**	**17,99**	1 pcs	50 pcs
1500	**WGN1500**	**19,99**	1 pcs	50 pcs
2000	**WGN2000**	**24,99**	1 pcs	50 pcs
 	**1/2" female - female gas hose with elbow connector** • rotating nuts and PVC sheath			
			Packaging	
L [mm]	**Index**	**EUR**	individual	bulk
500	**WGK0500**	**19,99**	1 pcs	50 pcs
750	**WGK0750**	**19,99**	1 pcs	50 pcs
1000	**WGK1000**	**21,99**	1 pcs	50 pcs
1250	**WGK1250**	**24,99**	1 pcs	50 pcs
1500	**WGK1500**	**24,99**	1 pcs	50 pcs
2000	**WGK2000**	**29,99**	1 pcs	50 pcs

Control
and safety fittings

CONTROL AND SAFETY FITTINGS



INSTALLATION FILLING VALVES
365



THERMOSTATIC MIXING VALVES
365



PRESSURE REDUCERS
365



ANTI-CONTAMINATION VALVES
366



SAFETY VALVES
366



SAFETY GROUPS
367



DRAUGHT REGULATING DEVICES
369



1/2" automatic installation filling valve

- with filter, check valve and manual shut-off
- outlet pressure regulation: 1-4 bar
- max. inlet pressure: 10 bar
- max. working temperature: 80°C
- 1/4" pressure gauge connection with union

Size	Index	EUR	Packaging individual	Packaging bulk
1/2"	ZN15	22,99	1 pcs	25 pcs
1/2" with manometer	ZN15M	24,99	1 pcs	25 pcs



Thermostatic mixing valve

- Kv = 2.3 m^3/h
- equipped with scalding protection
- regulation range: 30°C - 65°C
- max. working temperature: 90°C
- max. static pressure: 1.0 MPa (10 bar)
- accuracy of adjustment: ± 2°C

Size	Index	EUR	Packaging individual	Packaging bulk
3/4"	MT20S	64,99	1 pcs	-
1"	MT25S	69,99	1 pcs	-



Pressure reducer

- outlet pressure regulation: 0.5 - 6 bar (factory setting: 3 bar)
- max. inlet pressure: 25 bar
- max. working temperature: 80°C
- with 1/4" pressure gauge connection
- with pipe unions

K_V [m^3/h]	Size	Index	EUR	Packaging individual	Packaging bulk
2,5	1/2"	RC15	36,99	1 pcs	24 pcs
3,1	3/4"	RC20	39,99	1 pcs	15 pcs
7	1"	RC25	59,99	1 pcs	10 pcs
12,5	1 1/4"	RC32	109,99	1 pcs	10 pcs
14,4	1 1/2"	RC40	119,99	1 pcs	10 pcs
17,8	2"	RC50	199,99	1 pcs	5 pcs
2,5	1/2" with manometer	RC15M	39,99	1 pcs	24 pcs
3,1	3/4" with manometer	RC20M	44,99	1 pcs	15 pcs
7	1" with manometer	RC25M	64,99	1 pcs	10 pcs



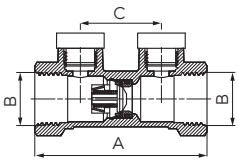
Pressure reducer - standard

- outlet pressure regulation: 1-4 bar
- max. inlet pressure: 16 bar
- max. working temperature: 80°C
- with 1/4" pressure gauge connection

K_V [m^3/h]	Size	Index	EUR	Packaging individual	Packaging bulk
1,6	1/2"	RC15S	18,99	1 pcs	25 pcs
1,85	3/4"	RC20S	18,99	1 pcs	25 pcs
1,6	1/2" with manometer	RC15SM	19,99	1 pcs	25 pcs
1,85	3/4" with manometer	RC20SM	19,99	1 pcs	25 pcs

Description





Anti-contamination check valve

- nominal pressure: 1.0 MPa (10 bar)
- working temperature: 65°C
- max. temperature: 90°C for 1 h
- working position: any
- class EA

A [mm]	B	C [mm]		Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR
68	**G1/2**	32	1/2"	**ZZA01**	**5,99**	20 pcs	240 pcs	**ZZA01W**	**6,29**
78	**G3/4**	32	3/4"	**ZZA02**	**7,99**	22 pcs	132 pcs	**ZZA02W**	**8,19**
90	**G1**	32	1"	**ZZA03**	**10,99**	14 pcs	84 pcs	**ZZA03W**	**11,19**
110	**G1 1/4**	32	1 1/4"	**ZZA04**	**19,99**	8 pcs	48 pcs		
120	**G1 1/2**	38	1 1/2"	**ZZA05**	**29,99**	3 pcs	24 pcs		
150	**G2**	50	2"	**ZZA06**	**49,99**	3 pcs	18 pcs		



Safety valve for central heating and hot water installations

- max. working pressure: 10 bar
- max. working temperature: 110°C

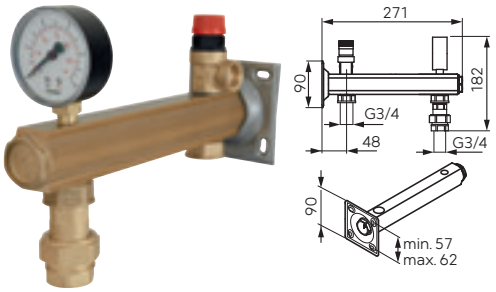
Setting [bar]	Size	Index	EUR	Packaging individual	Packaging bulk
1,5	1/2"x1/2"	**Z1515**	**6,99**	1 pcs	25 pcs
2,5	1/2"x1/2"	**Z1525**	**6,49**	1 pcs	25 pcs
2,5	3/4"x3/4"	**Z2025**	**9,99**	1 pcs	25 pcs
3	1/2"x1/2"	**Z1530**	**6,49**	1 pcs	25 pcs
3	3/4"x3/4"	**Z2030**	**9,99**	1 pcs	25 pcs
6	1/2"x1/2"	**Z1560**	**6,49**	1 pcs	25 pcs
6	3/4"x3/4"	**Z2060**	**9,99**	1 pcs	25 pcs
8	1/2"x1/2"	**Z1580**	**9,99**	1 pcs	25 pcs

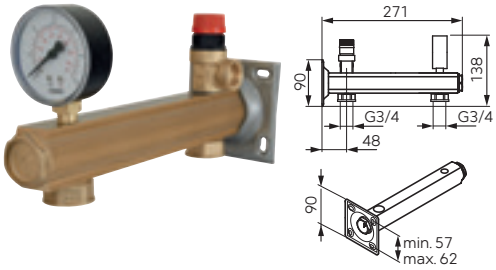


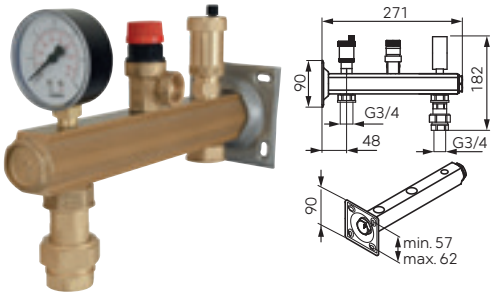
Safety valve for central heating and hot water installations

- M-F threads
- max. working pressure: 10 bar
- max. working temperature: 110°C

Setting [bar]	Size	Index	EUR	Packaging individual	Packaging bulk
1,5	1/2"x1/2"	**Z1515MF**	**6,99**	1 pcs	50 pcs
2,5	1/2"x1/2"	**Z1525MF**	**6,99**	1 pcs	50 pcs
3	1/2"x1/2"	**Z1530MF**	**6,99**	1 pcs	50 pcs
6	1/2"x1/2"	**Z1560MF**	**6,99**	1 pcs	50 pcs

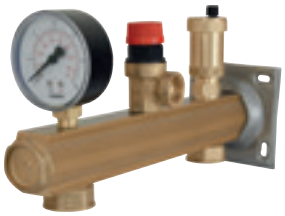
Description					
					
Safety groups for DHW • max. working temperature: 95°C • max. working pressure: 6 bar • max. instantaneous water temperature: 110°C • for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm • CW617N brass beam • stainless steel mounting plate **accessories:** • safety valve • pressure gauge • with a quick-connector for expansion vessels					
				Packaging	
Safety valve	**Pressure gauges**	**Index**	**EUR**	individual	bulk
6 bar	0-10 bar	**GBMW60SN01**	**54,99**	1 pcs	-

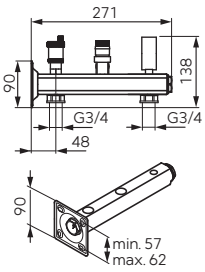
Description					
					
Safety groups for DHW • max. working temperature: 95°C • max. working pressure: 6 bar • max. instantaneous water temperature: 110°C • for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm • CW617N brass beam • stainless steel mounting plate **accessories:** • safety valve • pressure gauge					
				Packaging	
Safety valve	**Pressure gauges**	**Index**	**EUR**	individual	bulk
6 bar	0-10 bar	**GBMW60**	**44,99**	1 pcs	-

Description					
					
Safety groups for central heating • max. working temperature: 95°C • max. working pressure: 6 bar • max. instantaneous water temperature: 110°C • for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm • CW617N brass beam • stainless steel mounting plate **accessories:** • safety valve • pressure gauge • automatic air vent with foot valve • with a quick-connector for expansion vessels					
				Packaging	
Safety valve	**Pressure gauges**	**Index**	**EUR**	individual	bulk
1,5 bar	0-4 bar	**GBM15SN01**	**59,99**	1 pcs	-
2,5 bar	0-4 bar	**GBM25SN01**	**59,99**	1 pcs	-
3 bar	0-6 bar	**GBM30SN01**	**59,99**	1 pcs	-

CONTROL AND SAFETY FITTINGS

Description





Safety groups for central heating

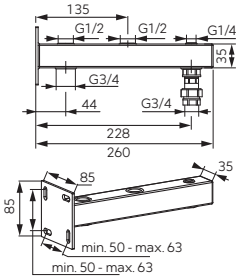
- max. working temperature: 95°C
- max. working pressure: 6 bar
- max. instantaneous water temperature: 110°C
- for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm
- CW617N brass beam
- stainless steel mounting plate

accessories:

- safety valve
- pressure gauge
- automatic air vent with foot valve

Safety valve	Pressure gauges	Index	EUR	Packaging individual	Packaging bulk
1,5 bar	0-4 bar	**GBM15**	**49,99**	1 pcs	-
2,5 bar	0-4 bar	**GBM25**	**49,99**	1 pcs	-
3 bar	0-6 bar	**GBM30**	**49,99**	1 pcs	-





Safety group sets

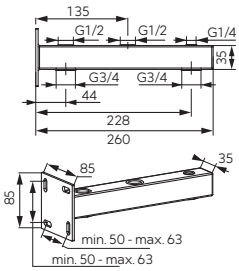
- The safety group set is a system protecting the installation against dangerous pressure increase caused by water temperature increase and its thermal expansion.
- working temperature: 95°C
- working pressure: up to 6 bar
- max. instantaneous water temperature: 110°C
- for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm
- 2 mm thick steel beam

Self-assembly kit. The set includes:

- safety valve
- pressure gauge
- automatic air vent with foot valve
- quick connector for expansion vessel

Safety valve	Pressure gauges	Index	EUR	Packaging individual	Packaging bulk
3 bar	0-6 bar	**GB30SN01**	**39,99**	1 pcs	-





Safety group sets

- The safety group set is a system protecting the installation against dangerous pressure increase caused by water temperature increase and its thermal expansion.
- working temperature: 95°C
- working pressure: up to 6 bar
- max. instantaneous water temperature: 110°C
- for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm
- 2 mm thick steel beam

Self-assembly kit. The set includes:

- safety valve
- pressure gauge
- automatic air vent with foot valve

Safety valve	Pressure gauges	Index	EUR	Packaging individual	Packaging bulk
1,5 bar	0-4 bar	**GB15**	**29,99**	1 pcs	-
3 bar	0-6 bar	**GB30**	**29,29**	1 pcs	-



Description

Boiler safety valve with check valve

Bar		Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR
6	**1/2"**	**Z1560B**	**4,99**	1 pcs	50 pcs	**Z1560BE**	**4,99**
6	**3/4"**	**Z2060B**	**8,99**	1 pcs	50 pcs		
8	**1/2"**	**Z1580B**	**4,49**	1 pcs	50 pcs		
8	**3/4"**	**Z2080B**	**8,99**	1 pcs	50 pcs		



3/4" draft regulator

- temperature control range: 30°C - 100°C
- chain length: 1200 mm
- can be mounted vertically and horizontally

Index	EUR	Packaging individual	Packaging bulk
MC20	**32,99**	1 pcs	-

Expansion vessels

EXPANSION VESSELS



VESSELS FOR HEATING SYSTEMS
371



VESSELS FOR DHW
374



UNIVERSAL VESSELS
376



ACCESSORIES
378

Expansion vessels for central heating



Water connection

Pre-load valve

Air chamber under pre-charge pressure

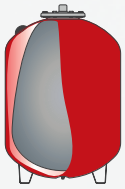
Durable deep-drawn steel tank

The ethylene-propylene diaphragm prevents contact between the water and the inner surface of the tank thus ensuring the purity of the medium in the system and preventing corrosion.

External epoxy coating prevents corrosion



When the system is turned on, the temperature of the water increases and thus it increases also its volume. Water fills the membrane that enlarges by filling gradually the vessel.



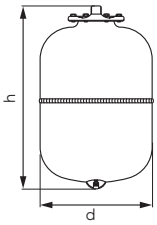
The volume of water increases until it reaches maximum working temperature. Then the membrane takes up practically the entire inside of the tank. An airbag stabilizes the pressure and the membrane prevents direct contact between water and the internal surface of the tank.



When the temperature gradually drops and the volume of water is reduced, it is pushed out from the tank until the membrane reaches its initial volume at that point a new cycle begins.

VESSELS FOR HEATING SYSTEMS





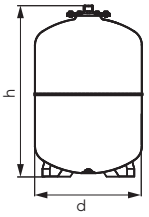
Description

Vessels for heating systems - hanging

- max. working pressure: 8 bar
- precharge pressure: 1.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): EPDM
- colour: RAL 3000

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
R5	300	160	**3/4"**	5	**CO5W**	**26,99**	1 pcs	-
R8	316	200	**3/4"**	8	**CO8W**	**28,99**	1 pcs	-
R12	295	280	**3/4"**	12	**CO12W**	**29,99**	1 pcs	-
R18	430	280	**3/4"**	18	**CO18W**	**29,99**	1 pcs	-
R24	483	280	**3/4"**	24	**CO24W**	**32,99**	1 pcs	-
R35	440	365	**3/4"**	35	**CO35W**	**54,99**	1 pcs	-
R50	0,49	365	**3/4"**	50	**CO50W**	**69,99**	1 pcs	-



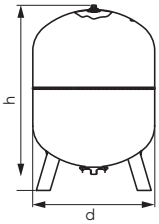


Vessels for heating systems - standing

- max. working pressure: 8 bar
- precharge pressure: 1.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): EPDM
- colour: RAL 3000

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
RV35	450	365	**3/4"**	35	**CO35S**	**59,99**	1 pcs	-
RV50	582	365	**3/4"**	50	**CO50S**	**74,99**	1 pcs	-
RV60	668	365	**3/4"**	60	**CO60S**	**114,99**	1 pcs	-
RV80	717	415	**1"**	80	**CO80S**	**114,99**	1 pcs	-
RV100	663	495	**1"**	100	**CO100S**	**169,99**	1 pcs	-
RV150	795	550	**1"**	150	**CO150S**	**219,99**	1 pcs	-



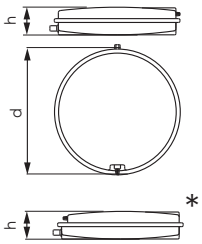


Vessels for heating systems - standing

- max. working pressure: 8 bar
- precharge pressure: 1.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): EPDM
- colour: RAL 3000

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
RV200	1081	600	**1"**	200	**CO200S**	**299,99**	1 pcs	-
RV250	1051	650	**1"**	250	**CO250S**	**349,99**	1 pcs	-
RV300	1212	650	**1"**	300	**CO300S**	**429,99**	1 pcs	-
RV400	1198	750	**1 1/4"**	400	**CO400S**	**599,99**	1 pcs	-
RV500	1438	750	**1 1/4"**	500	**CO500S**	**699,99**	1 pcs	-





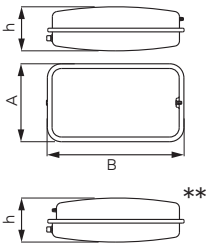
Description

Flat vessels for heating systems

- max. working pressure: 3 bar
- precharge pressure: 1.5 bar
- working temperature: from -10°C to + 90°C
- membrane: SBR
- colour: galvanized steel

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
VCP387-6	60	387	**3/8"**	6	**CO6PL7**	**39,99**	1 pcs	-
VCP387-8	85	387	**3/8"**	8	**CO8PL7**	**39,99**	1 pcs	-
VCP387-10	100	387	**3/4"**	10	**CO10PL7**	**42,99**	1 pcs	-
VCP387-12	120	387	**3/4"**	12	**CO12PL7**	**44,99**	1 pcs	-
VCP387-18	180	387	**3/4"**	18	**CO18PL7**	**49,99**	1 pcs	-





Flat vessels for heating systems

- max. working pressure: 3 bar
- precharge pressure: 1.5 bar
- working temperature: from -10°C to + 90°C
- membrane: SBR
- colour: galvanized steel

Model	h [mm]	AxB [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
VRP205-8	110	200x515	**3/4"**	8	**CO8PR**	**46,99**	1 pcs	-
VRP205-10	120	200x515	**3/4"**	10	**CO10PR**	**49,99**	1 pcs	-
VRP205-12	145	200x515	**3/4"**	12	**CO12PR**	**46,99**	1 pcs	-

* refers to: CO12PL5, CO10PL7, CO18PL
** refers to: CO12PR

Expansion vessels for domestic water



Pre-load valve

Air chamber under pre-pressure

Durable deep-drawn steel tank

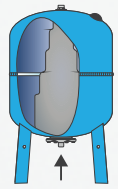
The ethylene-propylene diaphragm prevents contact between the water and the inner surface of the tank thus ensuring the purity of the medium in the system and preventing corrosion.

External epoxy coating prevents corrosion

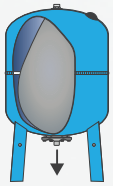
Water connection



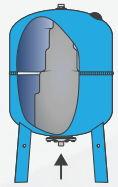




The membrane separates the water from the walls of the vessel, prevents corrosion and contamination of the installation and stabilizes the pressure. The first time the tank is connected to the system, the hydrophore pump is started, the pressure increases and the water fills the membrane.



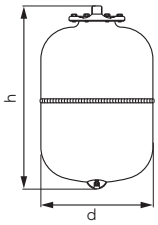
When the pressure reaches its maximum value, the pump stops. At that point the tank contains the maximum amount of water. The diaphragm expands and occupies almost the entire volume of the tank. When water is drawn, it starts to flow out of the tank without the need for the pump to operate, using the air cushion pressure.



The process continues, the diaphragm shrinks and the pressure drops to a minimum. The diaphragm returns to its original size
the pump restarts and a new cycle begins. Since the tank always ensures maximum water flow, the pump's operating periods are reduced to a minimum.

Description



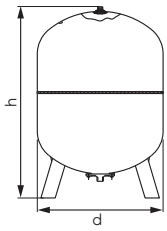


Sanitary water vessels - hanging

- max. working pressure: 10 bar
- pre-pressure: 3 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): EPDM
- colour: RAL 5015 (for M2: RAL 9010)

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
M2	250	120	**3/4"**	2	**CWU2W**	**28,99**	1 pcs	-
A5	300	160	**3/4"**	5	**CWU5W**	**29,99**	1 pcs	-
A8	316	200	**3/4"**	8	**CWU8W**	**31,99**	1 pcs	-
A12	295	280	**3/4"**	12	**CWU12W**	**32,99**	1 pcs	-
A18	430	280	**3/4"**	18	**CWU18W**	**34,99**	1 pcs	-
A24	483	280	**3/4"**	24	**CWU24W**	**38,99**	1 pcs	-
A35	440	365	**1"**	35	**CWU35W**	**74,99**	1 pcs	-





Sanitary water vessels - standing

- max. working operating pressure: 10 bar
- pre-pressure: 1.5 bar
- for AV200 and AV300 models: 2 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): EPDM
- colour: RAL 5015

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
AV50	720	365	**1"**	50	**CWU50S**	**124,99**	1 pcs	-
AV60	808	365	**1"**	60	**CWU60S**	**149,99**	1 pcs	-
AV80	856	415	**1**	80	**CWU80S**	**159,99**	1 pcs	-
AV100	855	495	**1"**	100	**CWU100S**	**219,99**	1 pcs	-

Expansion vessels for domestic water or heating



5-year warranty for tightness in accordance with the warranty conditions attached to the product

Butyl membrane with enhanced resistance to osmosis and pre-pressure drop

Air chamber under pre-pressure

Pre-fill valve

Durable tank made of deep drawing steel

External epoxy coating prevents corrosion

Water connection

GWARANCJA 5

H_2O

GLIKOL 40%

Universal use

- In domestic hot water installations or C.O. as security against pressure increasing as changes occur medium temperature.
- In utility water installations as a hydrophore tank

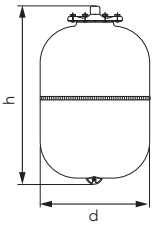
Advantages

- Use of butyl membranes - compared to EPDM membranes are several times more resistant to the phenomenon of osmosis, i.e. the penetration of air into the medium.
- Maintaining the initial pressure at the appropriate level translates into longer membrane life.
- Reducing contamination of the heating medium air means less influence on the others elements of the installation and thus contributes to it long-lasting and effective work.
- Connection flange made of high-quality material AISI 304 stainless steel – ensures optimal connection in all working conditions
- 5 years warranty for tightness, in accordance with the conditions warranty included with the product.
- The dishes are certified by the National Institute of Hygiene.

Technical parameters

- Initial pressure – 3.5 bar
- Media – water, glycol solution up to 40%
- Operating temperature from -10°C to 100°C
- Maximum working pressure: 10 bar
- Range of offer: 5 – 300 l
- Removable butyl membrane





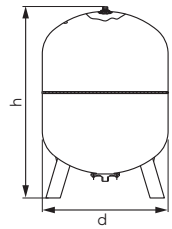
GLYCOL 40%

Expansion universal vessel - hanging

- max. working pressure: 10 bar
- precharge pressure: 3.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): butyl
- flange material: AISI 304 stainless steel
- colour: RAL 9010

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
M5+	300	160	**3/4"**	5	**UNI5W**	**39,99**	1 pcs	-
M8+	316	200	**3/4"**	8	**UNI8W**	**39,99**	1 pcs	-
M12+	295	280	**3/4"**	12	**UNI12W**	**39,99**	1 pcs	-
M18+	430	280	**3/4"**	18	**UNI18W**	**39,99**	1 pcs	-
M24+	483	280	**3/4"**	24	**UNI24W**	**44,99**	1 pcs	-
M35+	440	365	**1"**	35	**UNI35W**	**79,99**	1 pcs	-





GLYCOL 40%

Expansion universal vessel - standing

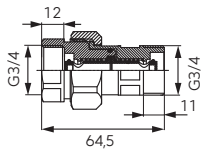
- max. working pressure: 10 bar
- precharge pressure: 3.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): butyl
- flange material: AISI 304 stainless steel
- colour: RAL 9010

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	EUR	Packaging individual	Packaging bulk
MV50+	720	365	**1"**	50	**UNI50S**	**149,99**	1 pcs	-
MV80+	856	415	**1"**	80	**UNI80S**	**219,99**	1 pcs	-
MV100+	855	495	**1"**	100	**UNI100S**	**329,99**	1 pcs	-
MV200+	1085	600	**11/4"**	200	**UNI200S**	**599,99**	1 pcs	-
MV300+	1240	650	**11/4"**	300	**UNI300S**	**869,66**	1 pcs	-

ACCESSORIES

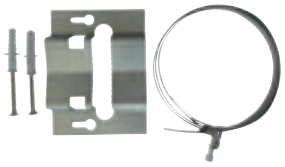
Description





3/4" quick connector for expansion vessel

		Packaging		Retail	
Index	EUR	individual	bulk	Index	EUR
SN01	9,99	12 pcs	96 pcs	SN01W	10,99



Mounting strap for hanging vessels 8-35l

		Packaging	
Index	EUR	individual	bulk
TNACZ	2,99	1 pcs	50 pcs

Fittings

BRASS FITTINGS



RAW BRASS FITTINGS

380



CHROME PLATED BRASS FITTINGS

386



BRASS UNIONS

389



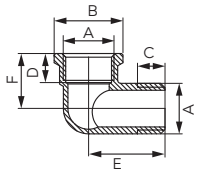
PUMP HALF UNION

392

Description

Elbow female - male

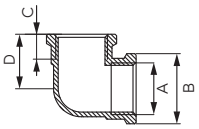




A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	9	8,5	24,5	17	**K09Z**	**1,19**	10 pcs	600 pcs
G1/2	27	10,5	11	29	22	**K12Z**	**1,59**	10 pcs	300 pcs
G3/4	34	12,5	13	33,5	28	**K10Z**	**2,49**	10 pcs	160 pcs
G1	40	13	14	38	32	**K11Z**	**3,99**	5 pcs	90 pcs
G1 1/4	49	15	15	45	37	**K13Z**	**5,99**	5 pcs	50 pcs
G1 1/2	55	16	16	48	40	**K14Z**	**7,99**	5 pcs	40 pcs
G2	68	19	20	62	52	**K15Z**	**13,99**	1 pcs	20 pcs

Elbow female - female

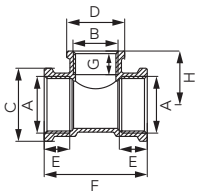




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	8,5	17,5	**K02Z**	**0,99**	10 pcs	600 pcs
G1/2	27	11	22	**K03Z**	**1,49**	10 pcs	300 pcs
G3/4	34	13,5	28	**K04Z**	**2,39**	10 pcs	150 pcs
G1	40	14	32	**K05Z**	**3,89**	5 pcs	100 pcs
G1 1/4	49	16	38	**K06Z**	**5,49**	5 pcs	50 pcs
G1 1/2	55	16	40,5	**K07Z**	**7,49**	5 pcs	40 pcs
G2	68	20	51	**K08Z**	**12,99**	1 pcs	20 pcs

Reduction tee female



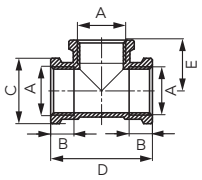


A	B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/4	**G1/2**	34	27	13	48	11	25	**T08Z**	**2,49**	10 pcs	150 pcs
G1	**G1/2**	40	27	14	52	11	27,5	**T09Z**	**3,39**	5 pcs	80 pcs
G1	**G3/4**	40	34	14	57	13,5	30	**T10Z**	**3,99**	5 pcs	60 pcs

Description

Tee female

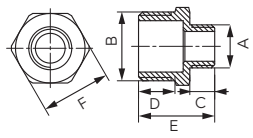




A	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	8,5	22,5	35	17,5	**T01Z**	**1,29**	10 pcs	350 pcs
G1/2	11	27	44	22	**T02Z**	**1,89**	10 pcs	180 pcs
G3/4	13,5	34	56	28	**T03Z**	**3,39**	10 pcs	100 pcs
G1	14	40	64	32	**T04Z**	**4,99**	5 pcs	70 pcs
G1 1/4	16	49	76	38	**T05Z**	**6,99**	5 pcs	40 pcs
G1 1/2	16	55	81	40,5	**T06Z**	**9,29**	5 pcs	30 pcs
G2	20	68	102	51	**T07Z**	**15,99**	1 pcs	18 pcs

Reduction nipple



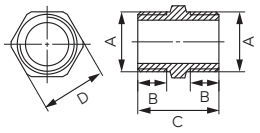


A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/4	**G1/2**	7,5	11	23	21	**N09Z**	**0,79**	10 pcs	800 pcs
G3/8	**G1/2**	9	11	24,5	21	**N11Z**	**0,89**	10 pcs	700 pcs
G1/2	**G3/4**	11,5	12,5	29	26,5	**N10Z**	**1,24**	10 pcs	400 pcs
G1/2	**G1**	11,5	14	30	33,5	**N12Z**	**1,59**	5 pcs	320 pcs
G3/4	**G1**	12	14	31	33	**N13Z**	**1,69**	5 pcs	280 pcs
G3/4	**G1 1/4**	13	16	34,5	42	**N14Z**	**2,69**	5 pcs	150 pcs
G1	**G1 1/4**	13,5	16	35	42	**N15Z**	**2,99**	5 pcs	150 pcs
G1	**G1 1/2**	13	16,5	35	48,5	**N16Z**	**3,99**	5 pcs	110 pcs
G1 1/4	**G1 1/2**	16	16,5	38	48,5	**N17Z**	**3,49**	5 pcs	100 pcs
G1	**G2**	14	20	40	60	**N18Z**	**4,99**	1 pcs	48 pcs
G1 1/4	**G2**	16	20	40	60	**N19Z**	**5,49**	1 pcs	48 pcs
G1 1/2	**G2**	16,5	20	42,5	60	**N20Z**	**5,49**	1 pcs	48 pcs
G1/2	**G1 1/2**	11,5	16,5	33,5	48,5	**N21Z**	**4,31**	5 pcs	80 pcs

Description

Nipple

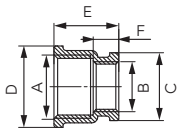




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	9	22,5	18	**N02Z**	**0,69**	10 pcs	1000 pcs
G1/2	10,5	25,5	23	**N03Z**	**0,99**	10 pcs	600 pcs
G3/4	12	29	28	**N04Z**	**1,29**	10 pcs	380 pcs
G1	13	31,5	35	**N05Z**	**1,99**	5 pcs	200 pcs
G1 1/4	15	31,5	44	**N06Z**	**3,49**	5 pcs	120 pcs
G1 1/2	16,5	39	50	**N07Z**	**3,99**	5 pcs	90 pcs
G2	19	45	62	**N08Z**	**6,49**	1 pcs	48 pcs

Reduction muff

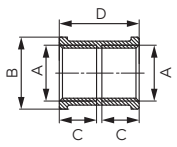




A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	**G3/8**	22,5	27	3,05	8,5	**M08Z**	**0,95**	10 pcs	470 pcs
G3/4	**G1/2**	27	34	26	11,5	**M09Z**	**1,39**	10 pcs	350 pcs
G1	**G3/4**	27	40	28	12	**M10Z**	**1,99**	5 pcs	150 pcs
G1	**G1/2**	34	40	29	13	**M11Z**	**1,89**	5 pcs	280 pcs
G1 1/4	**G1**	40	49	33	14,5	**M12Z**	**2,99**	5 pcs	130 pcs
G1 1/2	**G1**	40	56	33	13,5	**M13Z**	**3,69**	5 pcs	100 pcs
G1 1/2	**G1 1/4**	49	56	35	16,5	**M14Z**	**3,99**	5 pcs	85 pcs
G2	**G1**	40	70	37	14	**M15Z**	**5,99**	1 pcs	60 pcs
G2	**G1 1/4**	49	70	39	16	**M16Z**	**6,49**	1 pcs	60 pcs
G2	**G1 1/2**	55	70	40	17	**M17Z**	**6,69**	1 pcs	60 pcs

Muff

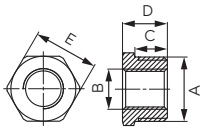




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	12	25	**M01Z**	**0,89**	10 pcs	700 pcs
G1/2	27	14	30	**M02Z**	**1,19**	10 pcs	400 pcs
G3/4	34	16	34	**M03Z**	**1,89**	10 pcs	200 pcs
G1	41	17	36	**M04Z**	**2,69**	10 pcs	140 pcs
G1 1/4	49,5	20	43	**M05Z**	**3,99**	5 pcs	80 pcs
G1 1/2	57	25	53	**M06Z**	**5,69**	5 pcs	50 pcs
G2	70	27	65	**M07Z**	**10,99**	1 pcs	30 pcs

Description

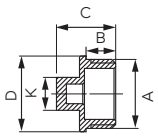




Reduction

A	B	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	G1/4	10,5	14,5	21	R01Z	0,79	10 pcs	1000 pcs
G1/2	G3/8	10,5	14,5	21	R02Z	0,59	10 pcs	1000 pcs
G3/4	G1/2	11	16	26,5	R03Z	0,89	10 pcs	700 pcs
G1	G3/4	12	17,5	35	R04Z	1,39	5 pcs	320 pcs
G1	G1/2	14	19,5	42	R06Z	1,69	5 pcs	400 pcs
G1 1/4	G3/4	15	20,5	48,5	R09Z	2,59	5 pcs	200 pcs
G1 1/4	G1	12	17,5	35	R05Z	2,09	5 pcs	240 pcs
G1 1/2	G1	14	19,5	42	R07Z	3,29	5 pcs	170 pcs
G1 1/2	G1 1/4	15	20,5	48,5	R08Z	2,29	5 pcs	170 pcs
G2	G1	19	25,5	60	R10Z	5,99	1 pcs	80 pcs
G2	G1 1/4	19	25,5	60	R11Z	5,89	1 pcs	80 pcs
G2	G1 1/2	19	25,5	60	R12Z	4,89	1 pcs	80 pcs
G1/2	G1 1/4	14,5	19,5	42	R13Z	3,49	5 pcs	130 pcs
G1/2	G1 1/2	15	20,5	48,5	R14Z	3,99	5 pcs	110 pcs
G3/4	G1 1/2	15	20,5	48,5	R15Z	4,49	5 pcs	110 pcs





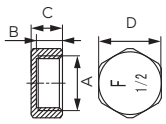
Plug

A	B [mm]	C [mm]	D [mm]	K [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	8	13	-	17	KOR2Z	0,49	10 pcs	1000 pcs
G1/2	9	18	23	10	KOR3Z	0,69	10 pcs	1000 pcs
G3/4	11	20	30	13	KOR4Z	0,99	10 pcs	550 pcs
G1	11,5	21,5	37	16	KOR5Z	1,49	5 pcs	350 pcs
G1 1/4	12,5	25,5	45	22	KOR6Z	2,29	5 pcs	200 pcs
G1 1/2	13	28,5	52	23	KOR7Z	3,39	5 pcs	140 pcs
G2	17	34,5	63	30	KOR8Z	5,49	1 pcs	60 pcs

Description

Cap

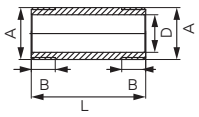




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	9	11	19	**ZAS1Z**	**0,59**	10 pcs	1000 pcs
G1/2	10	12	24	**ZAS2Z**	**0,69**	10 pcs	1000 pcs
G3/4	11,5	13,5	30	**ZAS3Z**	**1,09**	10 pcs	600 pcs
G1	13	15	36	**ZAS4Z**	**1,59**	5 pcs	350 pcs
G1 1/4	13	15	45,5	**ZAS5Z**	**2,49**	5 pcs	220 pcs
G1 1/2	13,5	16	52	**ZAS6Z**	**2,99**	5 pcs	200 pcs
G2	16,5	19	63,5	**ZAS7Z**	**4,49**	1 pcs	96 pcs

Stub pipe

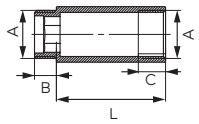




A	B [mm]	L [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G1	15	107	25	**KR107Z**	**7,49**	1 pcs	60 pcs
G1	15	165	25	**KR165Z**	**12,99**	1 pcs	48 pcs

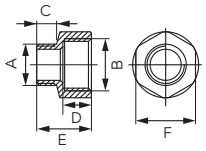
Extension





A	B [mm]	C [mm]	L [mm]		Index	EUR	Packaging individual	Packaging bulk
G1/2	10	8,5	10	G1/2 x 10 mm	**P10Z**	**0,99**	10 pcs	540 pcs
G3/4	12	8	10	G3/4 x 10 mm	**P110Z**	**1,29**	10 pcs	400 pcs
G1/2	10	12	15	G1/2 x 15 mm	**P15Z**	**1,09**	10 pcs	460 pcs
G3/4	12	13	15	G3/4 x 15 mm	**P115Z**	**1,52**	10 pcs	330 pcs
G1/2	10	12	20	G1/2 x 20 mm	**P20Z**	**1,29**	10 pcs	420 pcs
G3/4	12	15	20	G3/4 x 20 mm	**P120Z**	**1,79**	10 pcs	290 pcs
G1/2	10	12	25	G1/2 x 25 mm	**P25Z**	**1,49**	10 pcs	360 pcs
G3/4	12	15	25	G3/4 x 25 mm	**P125Z**	**2,01**	10 pcs	240 pcs
G1/2	10	12	30	G1/2 x 30 mm	**P30Z**	**1,79**	10 pcs	300 pcs
G3/4	12	15	30	G3/4 x 30 mm	**P130Z**	**2,29**	10 pcs	200 pcs
G1/2	10	12	40	G1/2 x 40 mm	**P40Z**	**2,29**	10 pcs	240 pcs
G3/4	12	15	40	G3/4 x 40 mm	**P140Z**	**2,99**	10 pcs	160 pcs
G1/2	10	12	50	G1/2 x 50 mm	**P50Z**	**2,59**	10 pcs	200 pcs
G3/4	12	15	50	G3/4 x 50 mm	**P150Z**	**3,49**	10 pcs	120 pcs
G1/2	10	12	60	G1/2 x 60 mm	**P60Z**	**3,19**	5 pcs	180 pcs
G3/4	12	15	60	G3/4 x 60 mm	**P160Z**	**3,99**	5 pcs	120 pcs





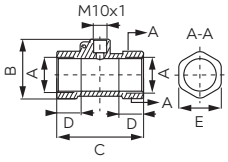
Description

Reduction female – male

EAN

A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/4	**G3/8**	8	10	20	20	**RN01Z**	**0,69**	10 pcs	1200 pcs
G3/8	**G1/2**	8,5	11	21,5	24	**RN02Z**	**0,99**	10 pcs	700 pcs
G1/2	**G3/4**	11	12	25	30	**RN03Z**	**1,29**	10 pcs	450 pcs
G1/2	**G1**	11	13,5	28	37	**RN04Z**	**1,99**	10 pcs	250 pcs
G3/4	**G1**	12	14,5	29	37	**RN05Z**	**2,29**	10 pcs	250 pcs
G1	**G1 1/4**	13	16	32	46	**RN06Z**	**3,29**	5 pcs	150 pcs





Tee for assembling temperature sensor

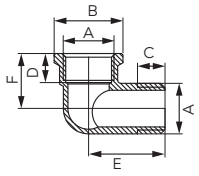
- max. working temperature: 95°C
- max. working pressure: 1.0 MPa (10 bar)

A	B [mm]	C [mm]	D [mm]	E [mm]		Index	EUR	Packaging individual	Packaging bulk
G1/2	44,1	56,0	14,5	24,9	1/2" x M10x1	**SGT1**	**2,99**	20 pcs.	240 pcs.
G3/4	43,8	64,0	18,0	31,5	3/4" x M10x1	**SGT2**	**4,99**	15 pcs.	180 pcs.

CHROME PLATED BRASS FITTINGS

Description

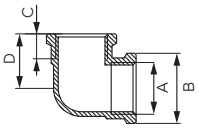




Elbow female - male

A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	9	8,5	24,5	17	**K09C**	**1,49**	1 pcs	25 pcs
G1/2	27	10,5	11	29	22	**K12C**	**1,99**	1 pcs	10 pcs
G3/4	34	12,5	13	33,5	28	**K10C**	**3,19**	1 pcs	10 pcs

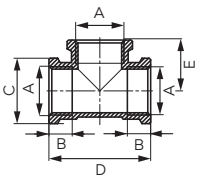




Elbow female - female

A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	8,5	17,5	**K02C**	**1,29**	1 pcs	25 pcs
G1/2	27	11	T22	**K03C**	**1,69**	1 pcs	10 pcs
G3/4	34	13,5	28	**K04C**	**2,99**	1 pcs	10 pcs

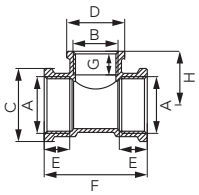




Tee female

A	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	8,5	22,5	35	17,5	**T01C**	**1,69**	1 pcs	25 pcs
G1/2	11	27	44	22	**T02C**	**2,29**	1 pcs	10 pcs
G3/4	13,5	34	56	28	**T03C**	**3,99**	1 pcs	10 pcs





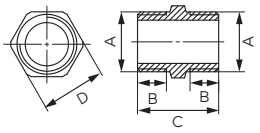
Reduction tee female

A	B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/4	**G1/2**	34	27	13	28	11	25	**T08C**	**3,29**	1 pcs	10 pcs

Description

Nipple

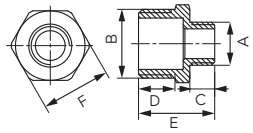




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	9	22,5	18	N02C	0,89	1 pcs	25 pcs
G1/2	10,5	22,5	23	N03C	1,19	1 pcs	25 pcs
G3/4	12	29	28	N04C	1,49	1 pcs	10 pcs

Reduction nipple

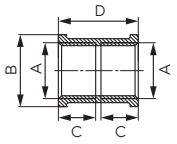




A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/4	G1/2	7,5	11	23	21	N09C	0,99	1 pcs	25 pcs
G3/8	G1/2	9	11	24,5	21	N11C	0,99	1 pcs	10 pcs
G1/2	G3/4	11,5	12,5	29	26,5	N10C	1,49	1 pcs	25 pcs

Muff

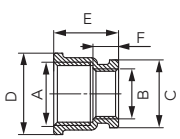




A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
G3/8	22,5	12	25	M01C	1,19	1 pcs	25 pcs
G1/2	27	14	30	M02C	1,49	1 pcs	25 pcs
G3/4	34	16	34	M03C	2,29	1 pcs	10 pcs

Reduction muff





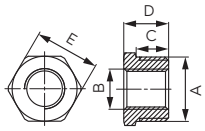
A	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	G3/8	22,5	27	21,5	M08C	1,29	1 pcs	25 pcs
G3/4	G1/2	27	34	11,5	M09C	1,69	1 pcs	10 pcs

CHROME PLATED BRASS FITTINGS

Description

Reduction

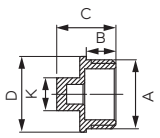




A	B [mm]	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	G1/4	10,5	14,5	21	**R01C**	**0,89**	1 pcs	25 pcs
G1/2	G3/8	10,5	14,5	21	**R02C**	**0,69**	1 pcs	10 pcs
G3/4	G1/2	11	16	26,5	**R03C**	**0,99**	1 pcs	10 pcs

Plug

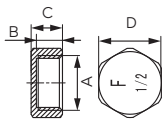




A	B [mm]	C [mm]	D [mm]	K [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	9	18	23	10	**KOR3C**	**0,89**	1 pcs	10 pcs
G3/4	11	20	30	13	**KOR4C**	**1,29**	1 pcs	10 pcs

Cap

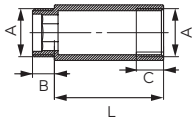




A	B [mm]	C [mm]	D [mm]	K [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	9	18	23	10	**ZAS2C**	**0,89**	1 pcs	25 pcs
G3/4	11	20	30	13	**ZAS3C**	**1,29**	1 pcs	10 pcs

Extension

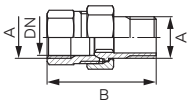




A	B [mm]	C [mm]	L [mm]		Index	EUR	Packaging individual	Packaging bulk
G1/2	10	8,5	10	G1/2 x 10 mm	**P10C**	**1,19**	1 pcs	25 pcs
G3/4	12	8	10	G3/4 x 10 mm	**P110C**	**1,49**	1 pcs	25 pcs
G1/2	10	12	15	G1/2 x15 mm	**P15C**	**1,29**	1 pcs	25 pcs
G3/4	12	13	15	G3/4 x15 mm	**P115C**	**1,79**	1 pcs	25 pcs
G1/2	10	12	20	G1/2 x 20 mm	**P20C**	**1,59**	1 pcs	25 pcs
G3/4	12	15	20	G3/4 x 20 mm	**P120C**	**1,99**	1 pcs	25 pcs
G1/2	10	12	25	G1/2 x 25 mm	**P25C**	**1,79**	1 pcs	25 pcs
G3/4	12	15	25	G3/4 x 25 mm	**P125C**	**2,39**	1 pcs	25 pcs
G1/2	10	12	30	G1/2 x 30 mm	**P30C**	**1,99**	1 pcs	10 pcs
G3/4	12	15	30	G3/4 x 30 mm	**P130C**	**2,79**	1 pcs	10 pcs
G1/2	10	12	40	G1/2 x 40 mm	**P40C**	**2,49**	1 pcs	10 pcs
G3/4	12	15	40	G3/4 x 40 mm	**P140C**	**3,29**	1 pcs	10 pcs
G1/2	10	12	50	G1/2 x 50 mm	**P50C**	**3,19**	1 pcs	10 pcs
G3/4	12	15	50	G3/4 x 50 mm	**P150C**	**3,99**	1 pcs	10 pcs

Description

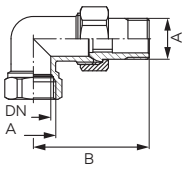




Straight pipe union without O-ring

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	41,5	3/8"	**SG1**	**2,29**	1 pcs	220 pcs
15	**G1/2**	45,7	1/2"	**SG2**	**2,89**	1 pcs	160 pcs
20	**G3/4**	50,5	3/4"	**SG3**	**4,49**	1 pcs	120 pcs
25	**G1**	59	1"	**SG7**	**7,49**	1 pcs	70 pcs
32	**G1 1/4**	64	1 1/4"	**SG9**	**10,99**	1 pcs	50 pcs

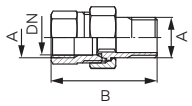




Angle pipe union without O-ring

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	47	3/8"	**SG4**	**2,29**	1 pcs	200 pcs
15	**G1/2**	52,2	1/2"	**SG5**	**3,49**	1 pcs	140 pcs
20	**G3/4**	59	3/4"	**SG6**	**5,49**	1 pcs	80 pcs
25	**G1**	72	1"	**SG8**	**9,49**	1 pcs	45 pcs
32	**G1 1/4**	81,2	1 1/4"	**SG10**	**13,99**	1 pcs	25 pcs

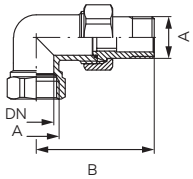




Straight pipe union with O-ring

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	41,5	3/8"	**SGU1**	**2,29**	1 pcs	220 pcs
15	**G1/2**	45,7	1/2"	**SGU2**	**2,69**	1 pcs	160 pcs
20	**G3/4**	50,5	3/4"	**SGU3**	**3,99**	1 pcs	120 pcs
25	**G1**	59	1"	**SGU7**	**7,49**	1 pcs	70 pcs
32	**G1 1/4**	6,3	1 1/4"	**SGU9**	**10,99**	1 pcs	50 pcs





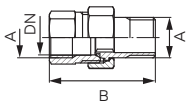
Angle pipe union with O-ring

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	47	3/8"	**SGU4**	**2,59**	1 pcs	200 pcs
15	**G1/2**	52,5	1/2"	**SGU5**	**3,49**	1 pcs	140 pcs
20	**G3/4**	59	3/4"	**SGU6**	**5,49**	1 pcs	80 pcs
25	**G1**	72	1"	**SGU8**	**9,49**	1 pcs	45 pcs
32	**G1 1/4**	81,2	1 1/4"	**SGU10**	**13,99**	1 pcs	25 pcs

BRASS UNIONS

Description



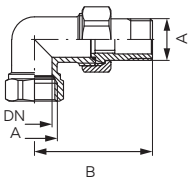


Straight pipe union with O-ring

- chrome plated

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	41,5	3/8"	**SGC1**	**2,49**	1 pcs	220 pcs
15	**G1/2**	45,7	1/2"	**SGC2**	**3,19**	1 pcs	160 pcs
20	**G3/4**	50,5	3/4"	**SGC3**	**4,74**	1 pcs	120 pcs
25	**G1**	59	1"	**SGC7**	**8,05**	1 pcs	70 pcs
32	**G1 1/4**	64	1 1/4"	**SGC9**	**11,55**	1 pcs	50 pcs



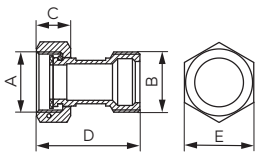


Angle pipe union with O-ring

- chrome plated

DN	A	B [mm]		Index	EUR	Packaging individual	Packaging bulk
10	**G3/8**	41,5	3/8"	**SGC4**	**2,79**	1 pcs	200 pcs
15	**G1/2**	45,7	1/2"	**SGC5**	**3,99**	1 pcs	140 pcs
20	**G3/4**	50,5	3/4"	**SGC6**	**5,99**	1 pcs	80 pcs
25	**G1**	59	1"	**SGC8**	**10,29**	1 pcs	45 pcs
32	**G1 1/4**	64	1 1/4"	**SGC10**	**14,66**	1 pcs	25 pcs

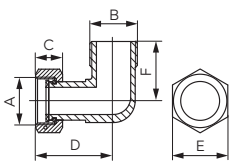




Straight half pipe union with gasket, F-M

A	B	C [mm]	D [mm]	E [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	**G1/2**	14	32	24	**SGP1**	**1,59**	10 pcs	240 pcs
G3/4	**G3/4**	14	38	30	**SGP2**	**2,49**	10 pcs	150 pcs
G1	**G1**	17,5	40	36	**SGP3**	**3,99**	10 pcs	80 pcs

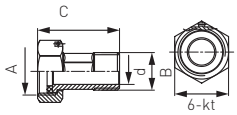




Angle half pipe union with gasket, F-M

A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	EUR	Packaging individual	Packaging bulk
G1/2	**G1/2**	14	25	24	29,5	**SGK1**	**2,49**	10 pcs	220 pcs
G3/4	**G3/4**	14	31	30	36	**SGK2**	**4,49**	10 pcs	140 pcs
G1	**G1**	17,5	36,2	36,5	42	**SGK3**	**5,99**	10 pcs	60 pcs





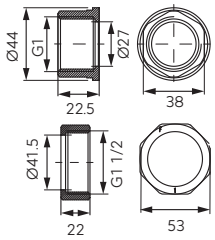
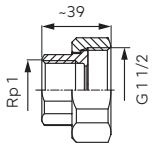
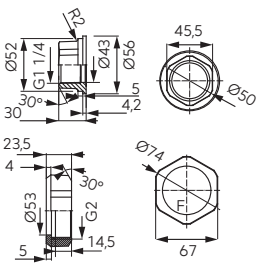
Description

Half pipe union for water meter

- possibility of placing a lead seal
- lead seal not included in the set
- 1 set - 2 pcs

A	B [mm]	d [mm]	C [mm]	6-kt [mm]		Index	EUR	Packaging: individual	Packaging: bulk
G3/4	**G1/2**	14,5	36	30	1/2"	**SG11**	**3,69**	1 set (2 pcs)	120 set
G1	**G3/4**	19,6	45	36	3/4"	**SG12**	**5,99**	1 set (2 pcs)	70 set
G1 1/4	**G1**	26	67.5	46	1"	**SG13**	**10,99**	1 set (2 pcs)	30 set
G1 1/2	**G1 1/4**	30	71	52	1 1/4"	**SG14**	**16,99**	1 set (2 pcs)	25 set
G2	**G1 1/2**	36,6	82	65	1 1/2"	**SG15**	**24,99**	1 set(2 pcs)	18 set
G2 1/2	**G2**	49	98	84	2"	**SG16**	**44,99**	1 set (2 pcs)	10 set

PUMP HALF UNIONS

Description				
		**Brass pump half pipe union 6/4"x1"**		
			Packaging	
Index	**EUR**		individual	bulk
SG18	**11,49**		1 set (2 pcs)	56 set
		**Cast iron half pipe union 6/4"x1"**		
			Packaging	
Index	**EUR**		individual	bulk
SG17	**4,49**		1 set (2 pcs)	35 set
		**Cast iron half pipe union 2"x5/4"**		
			Packaging	
Index	**EUR**		individual	bulk
SG19	**8,49**		1 set (2 pcs)	20 set

Central heating & domestic hot water installation kits

CENTRAL HEATING & DOMESTIC HOT WATER INSTALLATION KITS



HEAT EXCHANGERS
394



MIXING VALVES
397



ELECTRIC ACTUATOR FOR MIXING VALVES
397



DIFFERENTIAL VALVES
398



PUMPING GROUPS
399



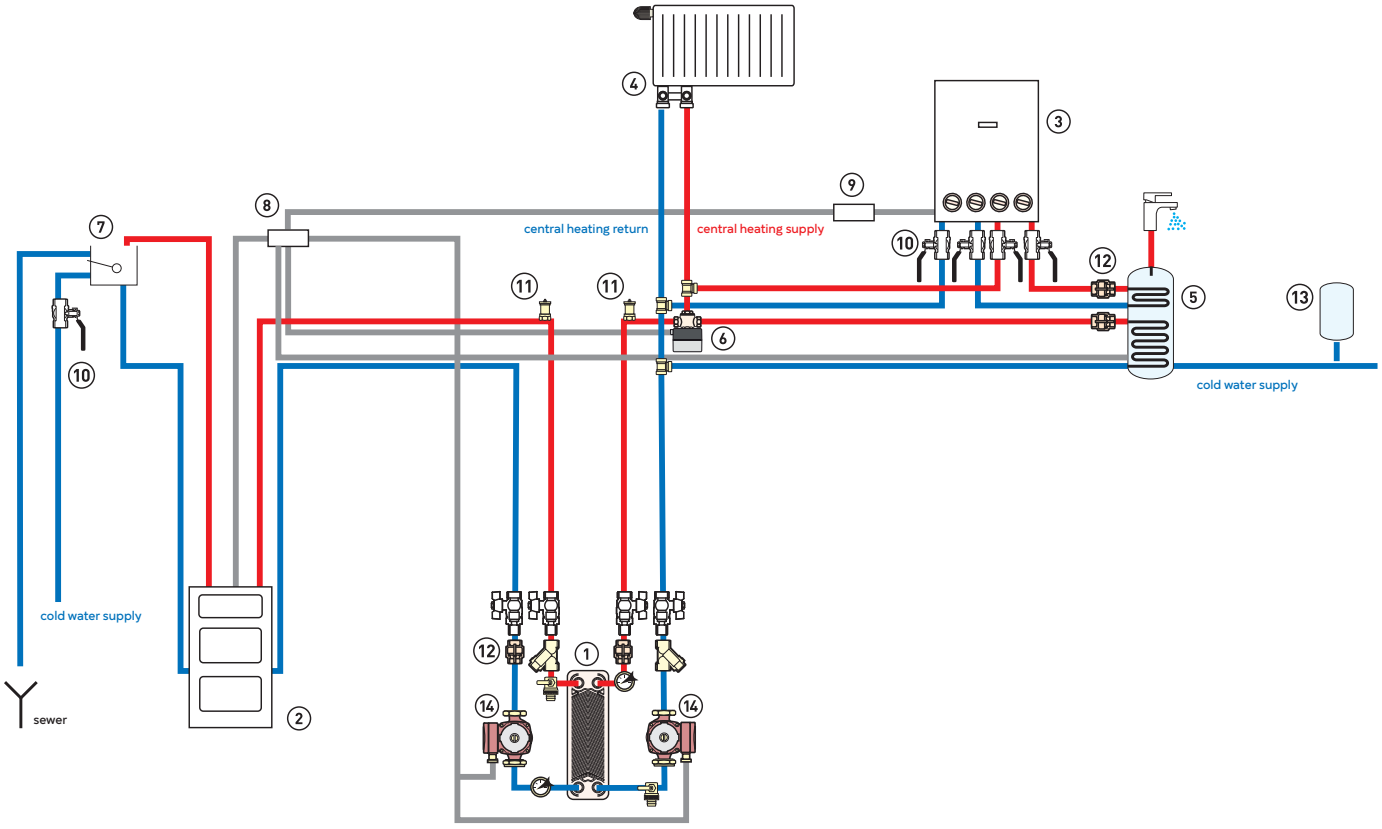
STEEL MANIFOLDS AND HYDRAULIC COUPLING
400



PUMP GROUPS / ACCESSORIES
401

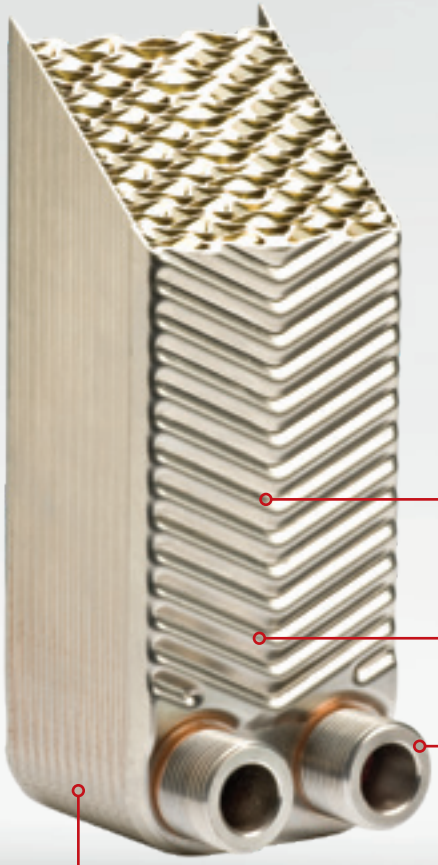
Installation diagram

The installation combining two heat sources operating in an open and closed system
- overview diagram



1. Heat exchangers
2. Solid fuel boiler
3. Gas boiler
4. Central heating installation
5. Central heating reservoir
6. 3-way valve with actuator
7. Open transfer vessel
8. Solid fuel boiler controller
9. Gas boiler controller
10. Cut-off ball valve
11. Automatic air vent
12. Check valve
13. Expansion vessel for hot water
14. Circulation pump

Heat exchangers



Maximum **working temperature 135°C**

Maximum **flow rate 4 m³/h**

Connections 3/4" male thread

Nominal **pressure to 1,6 MPa**

GLYCOL 40%

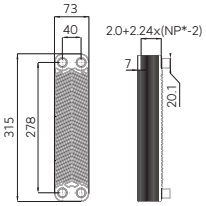
Operating parameters and scope of application:

- central heating installations
- thermocouples
- solid fuel boilers
- hot water installations
- solar installations

Flow: 4 m³/h (max)
Working pressure: 16 bar (max)
Working temperature: 135°C (max)
Test pressure: 20 bar
Connections: 3/4" male thread

HEAT EXCHANGERS





GLYCOL 40%

3/4" exchangers

- with insulation for installations with a thermo fireplace or solid fuel boiler

Application:
- central heating systems
- thermal chimney
- solid fuel boilers
- hot water systems
- solar systems

Characteristics:
- flow rate: 4 m³/h (max)
- working pressure: 16 bar (max)
- working temperature: 135°C (max)
- testing pressure: 20 bar
- connections: 3/4" male thread

EAN

Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	EUR	Packaging individual	Packaging bulk
15-25	90/70	50/70	IC8THX20	139,99	1 pcs	-
25-30	85/65	45/65	IC8THX24	169,99	1 pcs	-
35-45	80/60	40/60	IC8THX30	209,99	1 pcs	-



GLYCOL 40%

Insulated exchangers with insulation for solar systems containing 40% propylene glycol

EAN

Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	EUR	Packaging individual	Packaging bulk
4	80/40	30/65	IC8THX20	139,99	1 pcs	-
8			IC8THX24	169,99	1 pcs	-
12			IC8THX30	209,99	1 pcs	-

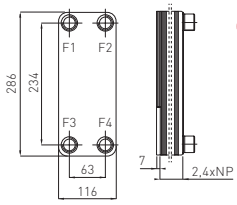


IC8TH plate heat exchanger insulation

EAN

Index	EUR	Packaging individual	Packaging bulk
IZTH	49,99	1 pcs	-





GLYCOL 40%

1" exchangers with insulation for systems with a thermo fireplace or solid fuel boiler

Application:
- central heating systems
- thermal chimney
- solid fuel boilers
- hot water systems
- solar system

Characteristics:
- flow rate: 12 m³/h (max)
- working pressure: 30 bar (max)
- working temperature: 220°C (max)
- testing pressure: 45 bar
- connection: 1"

EAN

Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	EUR	Packaging individual	Packaging bulk
20-30	90/70	50/70	IC9THX20	239,99	1 pcs	-
30-45	85/65	45/65	IC9THX30	279,99	1 pcs	-
	80/60	40/60				



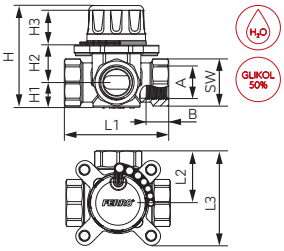
IC9TH exchanger insulation

EAN

Index	EUR	Packaging individual	Packaging bulk
IZTH1	29,99	1 pcs	-

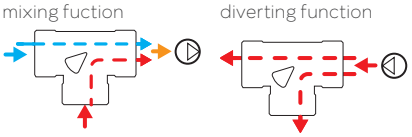
Description





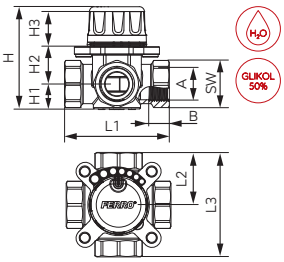
3-way mixing valve

- female
- handle: plastic knob
- material of body and rotor: brass
- material of sealing: EPDM
- nominal pressure: 1,0 MPa (10 bar)
- minimum working temperature: -10°C
- maximum working temperature: 100°C
- required torque: < 1 Nm



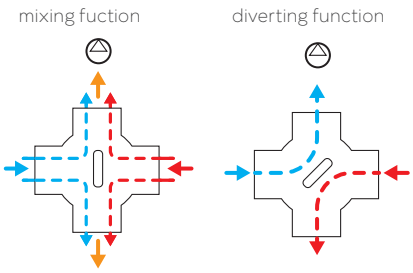
DN	A	B [mm]	L1 [mm]	L2 [mm]	L3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	SW [mm]	Kvs [m³/h]	Index	EUR	Packaging individual	Packaging bulk
25	Rp 1	21	80	40	72,5	78	19	28,5	28	42	9,9	ZMV32	26,99	1 pcs	12 pcs
32	Rp 1 1/4	21	90	45	77,5	86	23	32,5	28	49	15,6	ZMV33	34,99	1 pcs	12 pcs
40	Rp 1 1/2	26	115	57,5	88,5	97,5	28	39	28	55	21,5	ZMV34	59,99	1 pcs	9 pcs
50	Rp 2	22,5	125	62,5	93,5	97,5	28	39	28	66	36,2	ZMV35	69,99	1 pcs	9 pcs





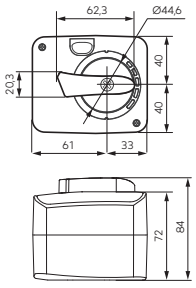
4-way mixing valve

- female
- handle: plastic knob
- material of body and rotor: brass
- material of sealing: EPDM
- nominal pressure: 1,0 MPa (10 bar)
- minimum working temperature: -10°C
- maximum working temperature: 100°C
- required torque: < 1 Nm



DN	A	B [mm]	L1 [mm]	L2 [mm]	L3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	SW [mm]	Kvs [m³/h]	Index	EUR	Packaging individual	Packaging bulk
25	Rp 1	21	80	40	80	78	19	28,5	28	42	11,2	ZMV42	25,99	1 pcs	12 pcs
32	Rp 1 1/4	21	90	45	90	78	23	32,5	28	49	17,1	ZMV43	34,99	1 pcs	9 pcs





Electric actuator for mixing valves

- power supply: 230 V, 50-60 Hz
- power consumption: 5 W
- ambient temperature: -20°C to 70°C
- protection class: IP42
- electric protection class: II
- type of control: 3-point
- torque: 6 Nm
- angle of rotation: 90°
- work time: 120 s
- cable length: 1 m (3x0,75 mm2, Ø6,5 mm)

Index	EUR	Packaging individual	Packaging bulk
ZMVA230	49,99	1 pcs	18 pcs

DIFFERENTIAL VALVES



Description

Differential valves

- max. instantaneous working temperature: 110°C
- max. working pressure: 0.7 MPa (7 bar)
- EPDM rubber ball
- vertical or horizontal assembly

size	Index	EUR	Packaging	
			individual	bulk
1"	ZR1	7,49	1 pcs	15 pcs
1 1/4"	ZR2	10,99	1 pcs	16 pcs
1 1/2"	ZR3	13,99	1 pcs	12 pcs
2"	ZR4	18,99	1 pcs	8 pcs



Pump group 6/4"

Equipment:
- 25-6-180 electronic circulation pump
- cut-off ball valve
- ball valves with built-in thermometers in handles
- check valve on the return side
- lower connections: 6/4" M for flat gasket
- upper connections: 1" F

Parameters:
- max. working temperature: 90°C
- max. working pressure: 1.0 MPa (10 bar)
- thermometer measuring scope: 0 - 120°C
- sealing: PTFE, EPDM

Index	EUR	Packaging individual	Packaging bulk
GP60GPA	289,99	1 pcs	-



Mixing group for low-temperature installations

Equipment:
- 25-6-180 electronic circulation pump
- 3-way mixing valve with flow Kv = 10 m³/h
- ball valves with built-in thermometers in handles
- check valve on the return side
- lower connections: 6/4" M for flat gasket
- upper connections: 1" F

Parameters:
- max. working temperature: 90°C
- max. working pressure: 1.0 MPa (10 bar)
- thermometer measuring scope: 0 - 120°C
- 3-way mixing valve body: CW617N brass
- sealing: PTFE, EPDM

Index	EUR	Packaging individual	Packaging bulk
GMP602GPA	349,99	1 pcs	-



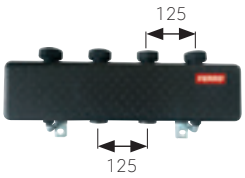
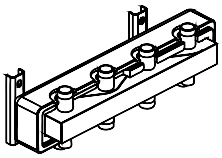
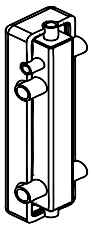
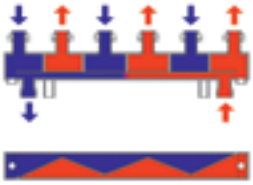
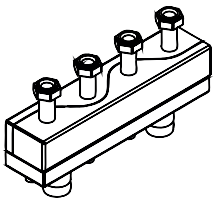
Thermostatic mixing group for low-temperature installations

Equipment:
- 25-6-180 electronic circulation pump
- thermostatic 3-way mixing valve with flow Kv = 3.5 m³/h
- ball valves with built-in thermometers in handles
- check valve on the return side
- lower connections: 6/4" M for flat gasket
- upper connections: 1" F

Parameters:
- max. working temperature: 90°C
- max. working pressure: 1.0 MPa (10 bar)
- thermometer measuring scope: 0 - 120°C
- temperature adjustment range: 30°C - 60°C
- thermostatic valve body: CB752S (DZR) brass- dezincification resistant
- thermostatic valve spring: stainless steel AISI 302
- sealing: PTFE, EPDM

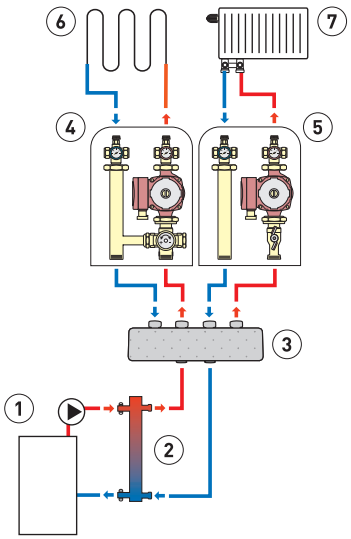
Index	EUR	Packaging individual	Packaging bulk
GMPT60GPA	399,99	1 pcs	-

STEEL MANIFOLDS AND HYDRAULIC COUPLINGS

Description				
 	**Steel manifold with insulation, mounting kit** • upper connections: 6/4" running nut • lower connections: 6/4" M, flat sealing • flow: 3 m³/h			
			Packaging	
	Index	EUR	individual	bulk
2 circuits	RSI02	249,99	1 pcs	-
3 circuits	RSI03	299,99	1 pcs	-
4 circuits	RSI04	399,99	1 pcs	-
5 circuits	RSI05	469,99	1 pcs	-
 	**Steel hydraulic separator with insulation, mounting kit** • connections 6/4" M, flat sealing			
			Packaging	
	Index	EUR	individual	bulk
flow of 3 m³/h	SHI30	349,99	1 pcs	-
flow of 4,5 m³/h	SHI45	349,99	1 pcs	-
 	**Hydraulic separator with manifold, insulation, mounting kit** • upper connections: 6/4" running nut • lower connections: 6/4" M, flat gasket • flow: 3 m³/h			
			Packaging	
	Index	EUR	individual	bulk
2 circuits	RSHI02	439,99	1 pcs	-
3 circuits	RSHI03	649,99	1 pcs	-

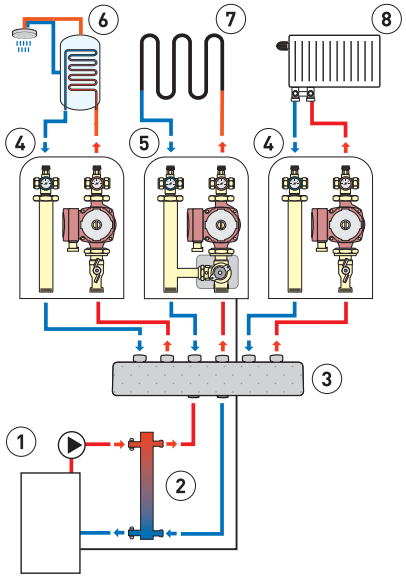
Description			
	**Mounting console for GP and GMP** • with rawplugs		
		Packaging	
Index	**EUR**	individual	bulk
UCH-GP	**9,99**	1 pcs	-
	**Pressure differential valve 2 - 6.5 m H2O for GMP** • for installation in GMP mixing groups • opening pressure: 0.2 - 0.65 bar		
		Packaging	
Index	**EUR**	individual	bulk
ZRC1	**34,99**	1 pcs	-

Central heating overview installation diagram using GP60GPA, GMPT60GPA, SHI30 and RSI02



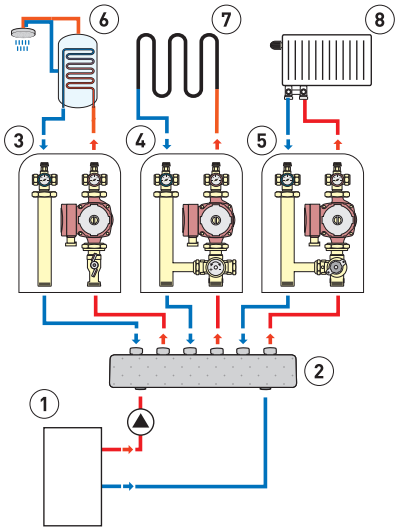
1. Heat source
2. SHI30 hydraulic separator
3. RSI02 directional control valve
4. Thermostatic mixing group GMPT60GPA
5. Mixing group GP60GPA
6. Underfloor heating
7. High-parameter central heating installation

Overview diagram of central heating installation and hot water installations using GP60GPA, GMP602GPA, SHI30 and RSI02



1. Heat source
2. SHI30 hydraulic separator
3. RSI03 manifold
4. Mixing group GP60GPA
5. Mixing group GMP602GPA
6. Hot water storage tank
7. Underfloor heating
8. High-parameter central heating installation

Overview diagram of central heating installation and hot water installations using GP60GPA, GMPT60GPA, GMP602GPA and RSHI02



1. Heat source
2. SHI30 hydraulic separator
3. Mixing group GP60GPA
4. Thermostatic mixing group GMPT60GPA
5. Mixing group GMP602GPA
6. Hot water storage tank
7. Underfloor heating
8. High-parameter central heating installation

Pumps

PUMPS



CIRCULATION PUMPS
403





DRINKING WATER CIRCULATION PUMPS
413

GPA III electronic
circulation pump



Aluminum cast motor housing

Efficient, electronically controlled **motor**

High quality copper winding overheating resistant

TECHNOLOGY WINDING PLUS MOTOR INSULATION CLASS H 180°C

Protection against condensation

Ceramic shaft and bearings

Rotor made of PPE polymer reinforced with glass fiber

Robust **cast iron body**

WARRANTY 2

H_2O

Application

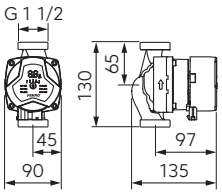
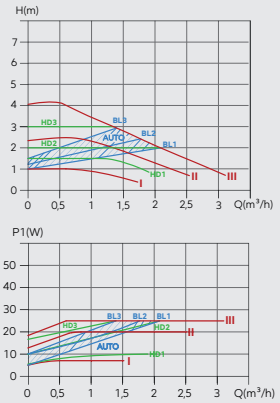
The application range of Ferro circulation pumps, which previously included heating and solar systems, has expanded to include cooling systems with the introduction of the GPA III series. These devices are protected against condensation, and the minimum medium temperature with a 50% glycol solution is -30°C. As a result, these products are ideal for use in systems such as reversible heat pumps.

Energy efficiency

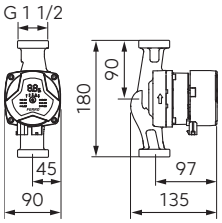
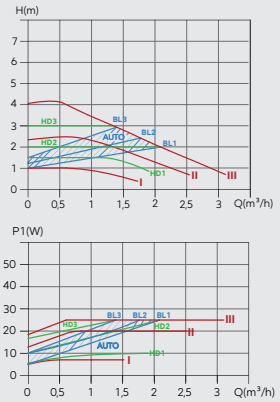
The GPA III series was designed to optimize energy consumption and minimize environmental impact. These pumps are powered by an electronically controlled, efficient motor, which allows them to achieve a low Energy Efficiency Index (EEI) of ≤ 0.20.

Advantages

- High parameters
- Ability to work with a medium with a negative temperature
- Multiple operating modes
- A wide range of applications - heating, cooling
- Low energy consumption
- Modern design
- Compact dimensions
- Multifunctional display
- Highest quality materials
- Winding Plus Technology
- A wide range of products - 7 models

Description			
		**Circulation pump GPA III 25-4-130** • Operating range: max. 2,8 m³/h • Lifting height: max. 4 m • Media: water, glycol 50% • Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity. • Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C • Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution • Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95% • Maximum pressure: 10 bar • Protection class: IP 44 • Insulation class: H • Energy Efficiency Index: ≤0.20 • Installation: with the shaft in a horizontal position • Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation) • Included: flat gaskets (2 pcs.), 100 cm power cable • Voltage ~230 V (-6% – +10%), 50/60 Hz • Power consumption: 5 – 25 W; 0,04 – 0,25 A • Connection spacing: 130 mm • Connection: G1 1/2	NEW 

EAN	Index	EUR	Packaging: individual	Packaging: bulk
	254130GPA3*	99,99	1 pcs	4 pcs

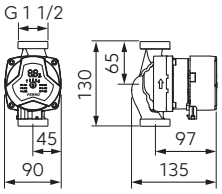
		**Circulation pump GPA III 25-4-180** • Operating range: max. 2,8 m³/h • Lifting height: max. 4 m • Media: water, glycol 50% • Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity. • Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C • Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution • Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95% • Maximum pressure: 10 bar • Protection class: IP 44 • Insulation class: H • Energy Efficiency Index: ≤0.20 • Installation: with the shaft in a horizontal position • Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation) • Included: flat gaskets (2 pcs.), 100 cm power cable • Voltage ~230 V (-6% – +10%), 50/60 Hz • Power consumption: 5 – 25 W; 0,04 – 0,25 A • Connection spacing: 180 mm • Connection: G1 1/2	NEW 

EAN	Index	EUR	Packaging: individual	Packaging: bulk
	254180GPA3*	99,99	1 pcs	4 pcs

* availability in Q2 2025

Description			

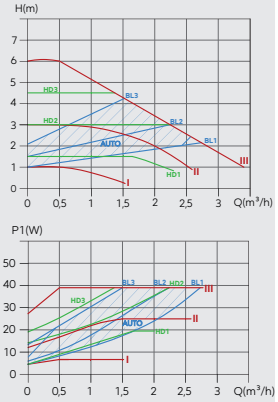




Circulation pump GPA III 25-6-130

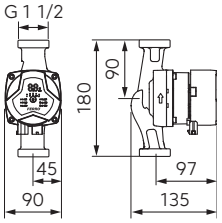
NEW

- Operating range: max. 3,2 m³/h
- Lifting height: max. 6 m
- Media: water, glycol 50%
- Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity.
- Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C
- Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution
- Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95%
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Energy Efficiency Index: ≤0.20
- Installation: with the shaft in a horizontal position
- Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation)
- Included: flat gaskets (2 pcs.), 100 cm power cable
- Voltage ~230 V (-6% – +10%), 50/60 Hz
- Power consumption: 5 – 25 W; 0,04 – 0,25 A
- Connection spacing: 130 mm
- Connection: G1 1/2



Index	EUR	Packaging: individual	Packaging: bulk
256130GPA3*	99,99	1 pcs	4 pcs

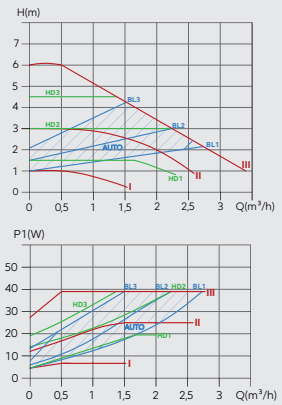




Circulation pump GPA III 25-6-180

NEW

- Operating range: max. 3,2 m³/h
- Lifting height: max. 6 m
- Media: water, glycol 50%
- Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity.
- Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C
- Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution
- Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95%
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Energy Efficiency Index: ≤0.20
- Installation: with the shaft in a horizontal position
- Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation)
- Included: flat gaskets (2 pcs.), 100 cm power cable
- Voltage ~230 V (-6% – +10%), 50/60 Hz
- Power consumption: 5 – 25 W; 0,04 – 0,25 A
- Connection spacing: 180 mm
- Connection: G1 1/2

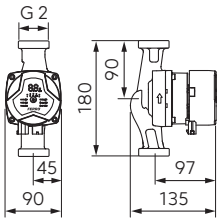


Index	EUR	Packaging: individual	Packaging: bulk
256180GPA3*	99,99	1 pcs	4 pcs

* availability in Q2 2025

Description			

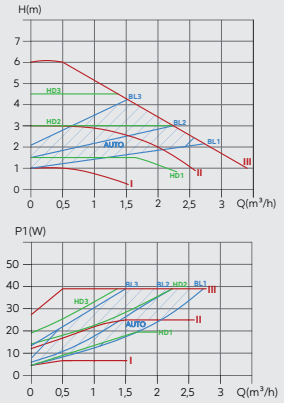




Circulation pump GPA III 32-6-180

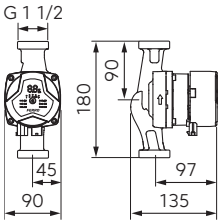
NEW

- Operating range: max. 3,8 m³/h
- Lifting height: max. 6 m
- Media: water, glycol 50%
- Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity.
- Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C
- Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution
- Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95%
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Energy Efficiency Index: ≤0.20
- Installation: with the shaft in a horizontal position
- Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation)
- Included: flat gaskets (2 pcs.), 100 cm power cable
- Voltage ~230 V (-6% – +10%), 50/60 Hz
- Power consumption: 5 – 25 W; 0,04 – 0,25 A
- Connection spacing: 180 mm
- Connection: G2



		Packaging	
Index	EUR	individual	bulk
326180GPA3*	119,99	1 pcs	4 pcs

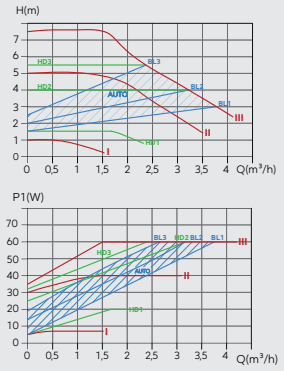




Circulation pump GPA III 25-7,5-180

NEW

- Operating range: max. 3,8 m³/h
- Lifting height: max. 7,5 m
- Media: water, glycol 50%
- Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity.
- Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C
- Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution
- Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95%
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Energy Efficiency Index: ≤0.20
- Installation: with the shaft in a horizontal position
- Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation)
- Included: flat gaskets (2 pcs.), 100 cm power cable
- Voltage ~230 V (-6% – +10%), 50/60 Hz
- Power consumption: 5 – 25 W; 0,04 – 0,25 A
- Connection spacing: 180 mm
- Connection: G1 1/2

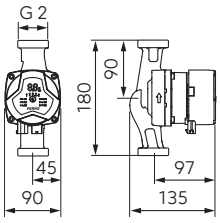


		Packaging	
Index	EUR	individual	bulk
257180GPA3*	124,99	1 pcs	4 pcs

* availability in Q2 2025

Description





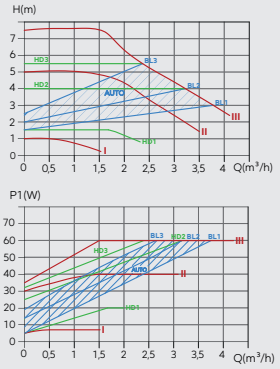
GLYCOL 50%

H_2O

Circulation pump GPA III 32-7,5-180

NEW

- Operating range: max. 4,4 m³/h
- Lifting height: max. 7,5 m
- Media: water, glycol 50%
- Application: Clear liquid, free of solids, fibrous or mineral oily substances, non-viscous, chemically neutral, non-corrosive and non-explosive, with Similar to water, pumping a fluid with a viscosity pumping a fluid with a viscosity significantly higher than that of water will result in a significant deterioration pump may not function properly, The pump can be operated with glycol up to 50% concentration, in The pump may be operated with up to 50% glycol, in such cases the pump will operate with a reduced capacity.
- Minimal inlet pressure depending on the liquid temperature: 0,05 bar up to 75°C; 0,5 bar up to 90°C; 1,08 bar up to 110°C
- Liquid temperature [°C]: +2 - +110 for water; -30 - +110 for a 50% glycol solution
- Ambient temperature [°C]: 0 - +70 for water; -30 - +70 for a 50% glycol solution; RH <95%
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Energy Efficiency Index: ≤0.20
- Installation: with the shaft in a horizontal position
- Operating modes: AUTO, HS - constant speed curves, BL - proportional pressure curves, HD - constant pressure curves, PWM - external input signal control (pulse width modulation)
- Included: flat gaskets (2 pcs.), 100 cm power cable
- Voltage ~230 V (-6% – +10%), 50/60 Hz
- Power consumption: 5 – 25 W; 0,04 – 0,25 A
- Connection spacing: 180 mm
- Connection: G2



EAN

		Packaging	
Index	**EUR**	individual	bulk
327180GPA3*	**129,99**	1 pcs	4 pcs

* availability in Q2 2025



Insulation for GPA III pumps NEW

	Index	EUR	Packaging individual	bulk
pump connection spacing 130 mm	EPP130GPA3	6,99	1 pcs	
pump connection spacing 180 mm	EPP180GPA3	6,99	1 pcs	



PWM cable for GPA III pumps NEW

- length 40 cm

Index	EUR	Packaging individual	bulk
PWM40GPA3	5,99	1 pcs	



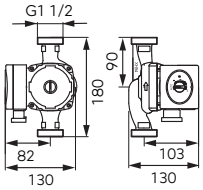
Power cable for GPA III pumps NEW

- length 100 cm

Index	EUR	Packaging individual	bulk
PWR100GPA3	6,99	1 pcs	

Description			

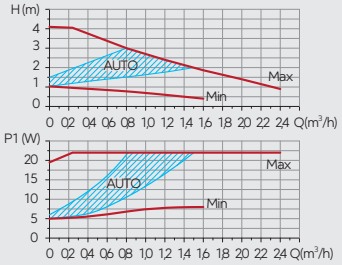




GLYCOL 30%

GPA II 25-4-180 circulation pump

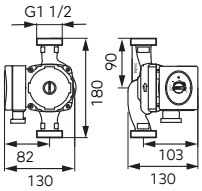
Characteristics:
- operating range: max. 2.4 m³/h
- lifting height: max. 4.1 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- protection class: IP 42
- insulation class: H
- energy Efficiency Index: ≤0.23
- installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 22 W; 0,05 - 0,19 A
- connection spacing: 180 mm
- connection: G1 1/2
- ambient parameters: 0°C - 40°C; RH <95%



EAN

		Packaging	
Index	EUR	individual	bulk
0601W	79,99	1 pcs	4 pcs

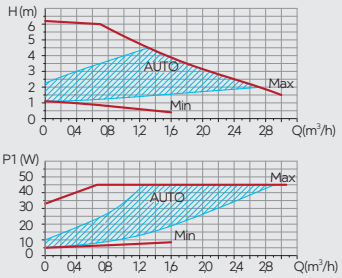




GLYCOL 30%

GPA II 25-6-180 circulation pump

Characteristics:
- operating range: max. 3 m³/h
- lifting height: max. 6.2 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C).
- maximum pressure: 10 bar
- protection class: IP 42
- Insulation class: H
- energy Efficiency Index: ≤0.23
- Installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 45 W; 0.05 - 0.38 A
- connection spacing: 180 mm
- connection: G1 1/2
- ambient parameters: 0°C - 40°C; RH <95%

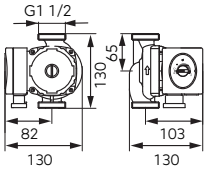


EAN

		Packaging	
Index	EUR	individual	bulk
0602W	79,99	1 pcs	4 pcs

Description			

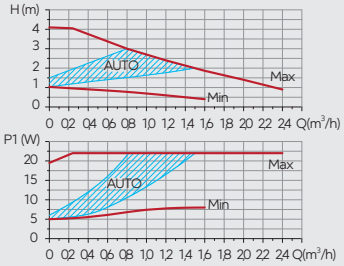




GLYCOL 30%

GPA II 25-4-130 circulation pump

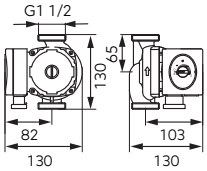
Characteristics:
- operating range: max. 2.4 m³/h
- lifting height: max. 4.1 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- protection class: IP 42
- insulation class: H
- energy Efficiency Index: ≤0.23
- installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 22 W; 0,05 - 0,19 A
- connection spacing: 130 mm
- connection: G1 1/2
- ambient parameters: 0°C - 40°C; RH <95%



EAN

		Packaging	
Index	EUR	individual	bulk
0603W	79,99	1 pcs	4 pcs

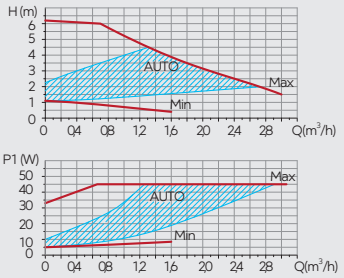




GLYCOL 30%

GPA II 25-6-130 circulation pump

Characteristics:
- operating range: max. 3 m³/h
- lifting height: max. 6.2 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- protection class: IP 42
- insulation class: H
- energy Efficiency Index: ≤0.23
- installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 - 45W; 0.05 - 0.38A
- connection spacing: 130 mm
- connection: G1 1/2
- ambient parameters: 0°C - 40°C; RH <95%

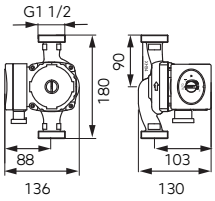


EAN

		Packaging	
Index	EUR	individual	bulk
0604W	79,99	1 pcs	4 pcs

Description			

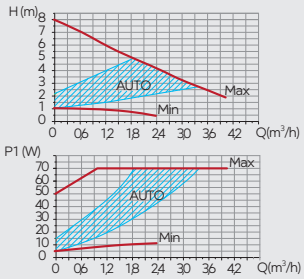




GLYCOL 30%

GPA II 25-8-180 circulation pump

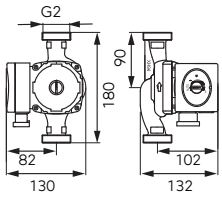
Characteristics:
- operating range: max. 4.0 m³/h
- lifting height: max. 8 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- protection class: IP 42
- insulation class: H
- energy Efficiency Index: ≤0.23
- Installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 70 W; 0,05 - 0,52 A
- connection spacing: 180 mm
- connection: G1 1/2
- ambient parameters: 0°C - 40°C; RH <95%



EAN

Index	EUR	Packaging	
		individual	bulk
0605W	114,99	1 pcs	4 pcs

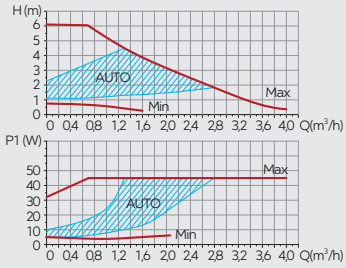




GLYCOL 30%

GPA II 32-6-180 circulation pump

Characteristics:
- operating range: max. 4 m³/h
- lifting height: max. 6.2 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- Minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- Protection class: IP 42
- Insulation class: H
- energy Efficiency Index: ≤0.23
- Installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- woltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 45 W; 0,05 - 0,38 A
- connection spacing: 180 mm
- connection: G2
- ambient parameters: 0°C - 40°C; RH <95%

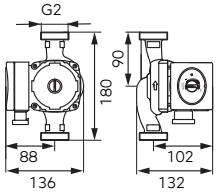


EAN

Index	EUR	Packaging	
		individual	bulk
0606W	109,99	1 pcs	4 pcs

Description			



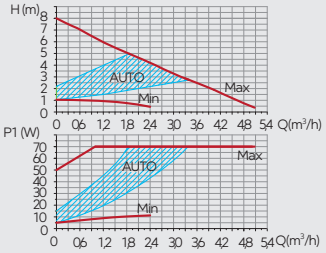


GLYCOL 30%

GPA II 32-8-180 circulation pump

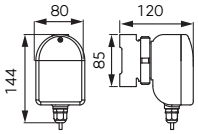
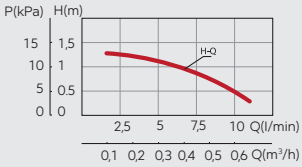
Characteristics:

- operating range: max. 5.0 m³/h
- lifting height: max. 8 m
- liquid temperature: min. +2°C, max. +110°C
- application: Clean, free of solids, fibres and mineral oily substances, non-adhesive, chemically neutral, non-corrosive and non-explosive, with parameters similar to that of water. Pumping in liquids of a viscosity significantly higher than water will cause significant deterioration of the operating parameters, the pump may not operate properly. The pump can be used with a glycol concentration of up to 30%, and in such cases the pump will operate at a reduced efficiency.
- minimal inlet pressure depending on the liquid temperature: 0.50 bar (up to 85°C), 0.28 bar (up to 90°C), 1.00 bar (up to 110°C)
- maximum pressure: 10 bar
- protection class: IP 42
- Insulation class: H
- energy Efficiency Index: ≤0.23
- Installation: with the shaft in a horizontal position,
- cable gland pointing down or to the side
- voltage: ~230 V (-6% - +10%), 50/60 Hz
- power consumption: 5 – 70 W; 0,05 - 0,52 A
- connection spacing: 180 mm
- connection: G2
- ambient parameters: 0°C - 40°C; RH <95%

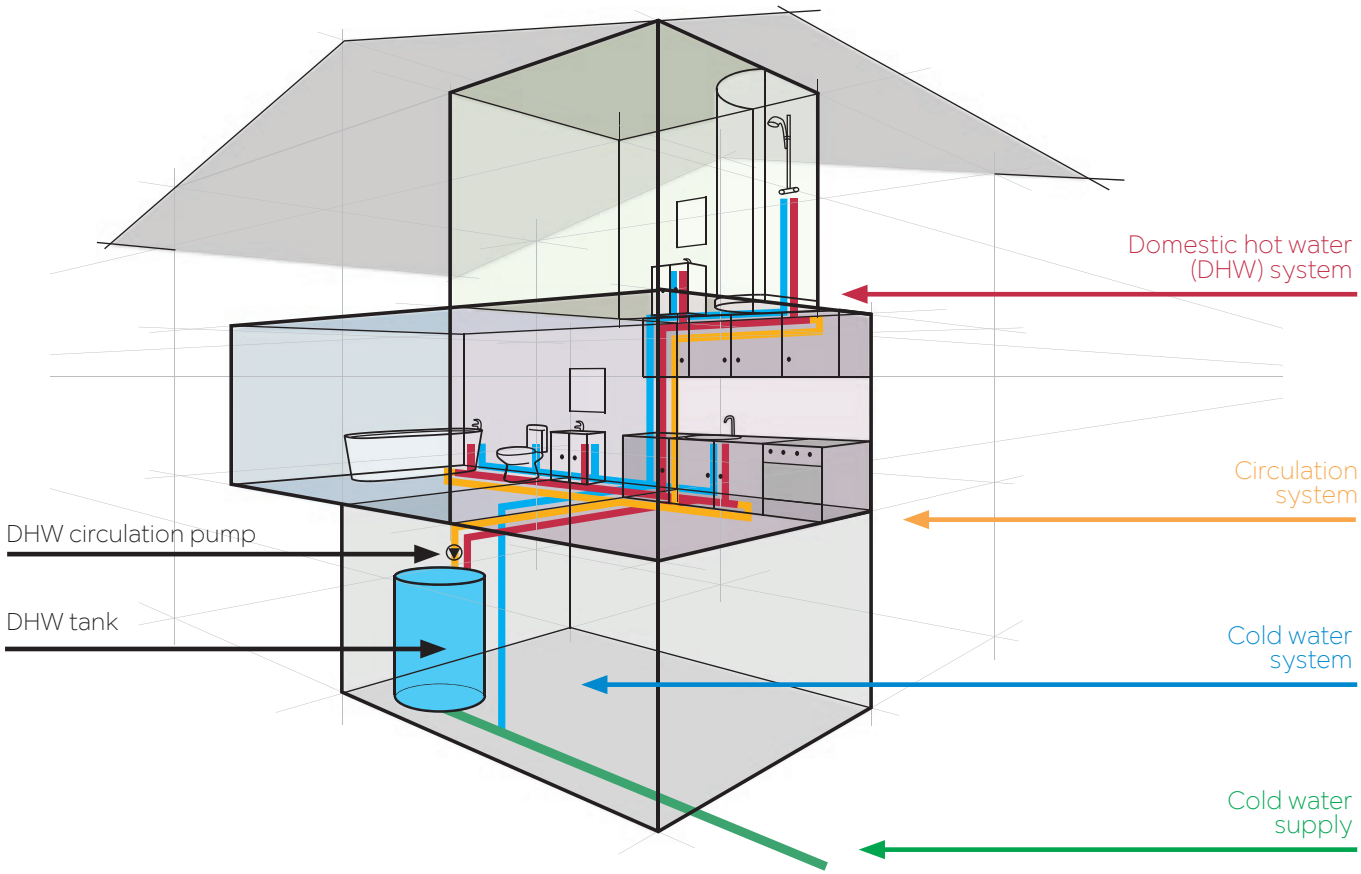


EAN

Index	EUR	Packaging	
		individual	bulk
0607W	119,99	1 pcs	4 pcs

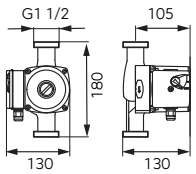
Description			
		**CP 15-1.5 drinking water circulation pump** Characteristics: • Operating range: 0.1 - 0.7 m³/h • Lifting height: max. 1.3 m • Liquid temperature: min. +2°C, max. +95°C • Application: intended for drinking water only • Maximum pressure: 10 bar • Protection class: IP 42 • Insulation class: F • Voltage: 50-60 Hz, ~230 V • Power consumption: 28 W • Connection spacing: 85 mm • Connection: G1/2 • Ambient temperature: min. +2°C, max. +40°C	

		Packaging	
Index	**EUR**	individual	bulk
0101W	**64,99**	1 pcs	8 pcs



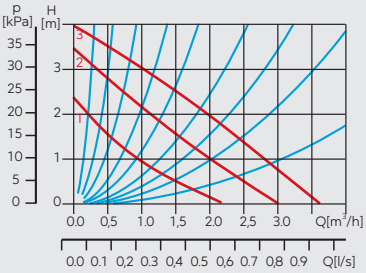
DRINKING WATER CIRCULATION PUMPS





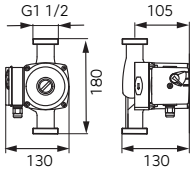
25-40-180 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 3.5 m³/h
- Lifting height: max. 3.8 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 11
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I, II, III): 35/45/65 W
- Connection spacing: 180 mm
- Connection: G1 1/2
- Ambient temperature: min. +2°C, max. +40°C



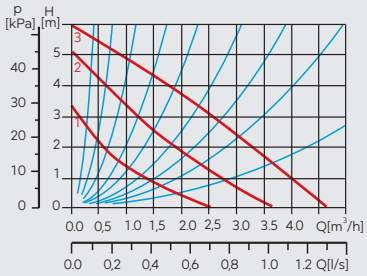
Index	EUR	Packaging individual	Packaging bulk
0201W	54,99	1 pcs	8 pcs





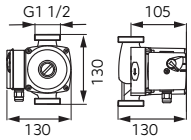
25-60-180 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 4.5 m³/h
- Lifting height: max. 5.5 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 11
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I,II,III): 55/70/100 W
- Connection spacing: 180 mm
- Connection: G1 1/2
- Ambient temperature: min. +2°C, max. +40°C



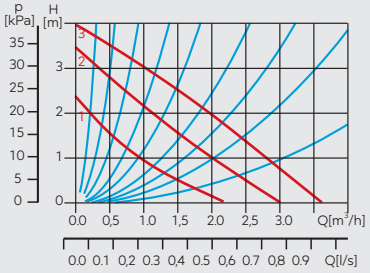
Index	EUR	Packaging individual	Packaging bulk
0202W	59,99	1 pcs	8 pcs





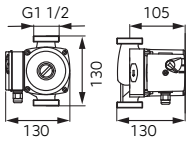
25-40-130 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 3.5 m³/h
- Lifting height: max. 3.8 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 11
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I, II, III): 35/45/65 W
- Connection spacing: 130 mm
- Connection: G1 1/2
- Ambient temperature: min. +2°C, max. +40°C



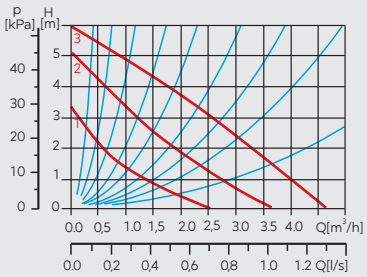
Index	EUR	Packaging individual	Packaging bulk
0203W	54,99	1 pcs	8 pcs





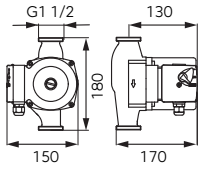
25-60-130 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 4.5 m³/h
- Lifting height: max. 5.5 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 11
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I,II,III): 55/70/100 W
- Connection spacing: 130 mm
- Connection: G1 1/2
- Ambient temperature: min. +2°C, max. +40°C



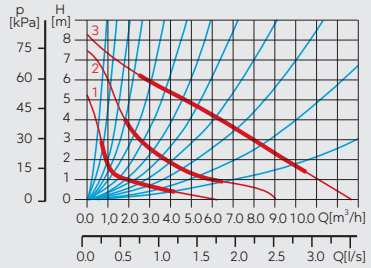
Index	EUR	Packaging individual	Packaging bulk
0204W	59,99	1 pcs	8 pcs





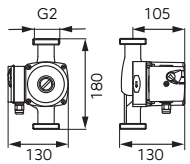
25-80-180 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 10.5 m³/h
- Lifting height: max. 8 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 9
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I,II,III): 135/190/245 W
- Connection spacing: 180 mm
- Connection: G1 1/2
- Ambient temperature: min. +2°C, max. +40°C



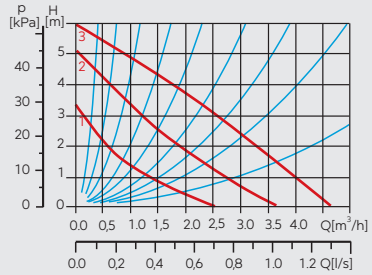
Index	EUR	Packaging individual	Packaging bulk
0301W	99,99	1 pcs	4 pcs





32-60-180 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 4.5 m³/h
- Lifting height: max. 5.5 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 9
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I,II,III): 55/70/100 W
- Connection spacing: 180 mm
- Connection: G2
- Ambient temperature: min. +2°C, max. +40°C

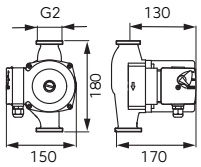


Index	EUR	Packaging individual	Packaging bulk
0302W	64,99	1 pcs	8 pcs

DRINKING WATER CIRCULATION PUMPS

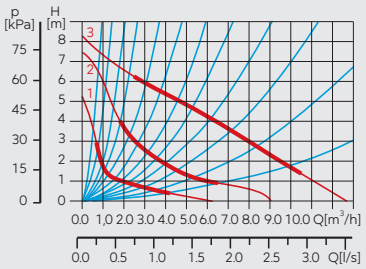
Description





32-80-180 drinking water circulation pump

Characteristics:
- Operating range: 0.2 - 10.5 m³/h
- Lifting height: max. 8 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended for drinking water only
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 9
- Installation: axel shaft in horizontal position and terminal box located as desired except under the pump
- Voltage: 50-60 Hz, ~230 V
- Power consumption (I,II,III): 135/190/245 W
- Connection spacing: 180 mm
- Connection: G2
- Ambient temperature: min. +2°C, max. +40°C



		Packaging	
Index	EUR	individual	bulk
0401W	99,99	1 pcs	4 pcs

Radiator
and accessories

RADIATOR AND ACCESSORIES



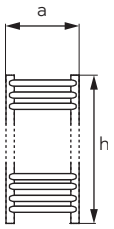
BATHROOM RADIATORS
418



RADIATOR ACCESSORIES
424

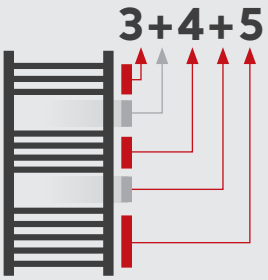
Description





Chrome bathroom heater - straight

- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C

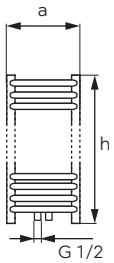


Recording system tube arrangement and number of bathroom heater

a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	1600	400	90/70	541	200	4+5+6+7+8	**450/1600/R,0**	**159,99**
			75/65	431				
			65/55	326				
			55/45	228				
600	1200	550	90/70	502	200	4+5+15	**600/1200/R,0**	**149,99**
			75/65	401				
			65/55	304				
			55/45	212				
600	1600	550	90/70	682	300	4+5+6+7+8	**600/1600/R,0**	**189,99**
			75/65	543				
			65/55	411				
			55/45	286				
600	1800	550	90/70	777	400	4+5+6+7+13	**600/1800/R,0**	**209,99**
			75/65	620				
			65/55	469				
			55/45	328				

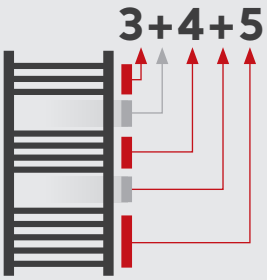
Description





Chrome bathroom heater - straight

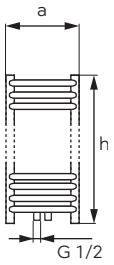
- V-type connection - 50mm
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C



Recording system tube arrangement and number of bathroom heater

a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	1200	50	90/70	604	300	4+5+15	**450/1200/RS,0**	**129,99**
			75/65	482				
			65/55	365				
			55/45	255				
450	1600	50	90/70	820	300	4+5+6+7+8	**450/1600/RS,0**	**169,99**
			75/65	653				
			65/55	494				
			55/45	345				
600	1200	50	90/70	761	300	4+5+15	**600/1200/RS,0**	**149,99**
			75/65	607				
			65/55	460				
			55/45	321				
600	1600	50	90/70	1033	400	4+5+6+7+8	**600/1600/RS,0**	**189,99**
			75/65	823				
			65/55	622				
			55/45	434				
600	1800	50	90/70	1176	400	4+5+6+7+13	**600/1800/RS,0**	**209,99**
			75/65	939				
			65/55	710				
			55/45	497				

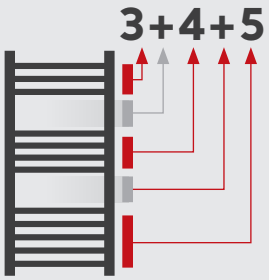




Description

Black bathroom heater - straight

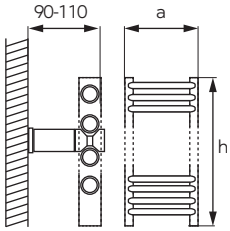
- V-type connection - 50mm
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C



Recording system tube arrangement and number of bathroom heater

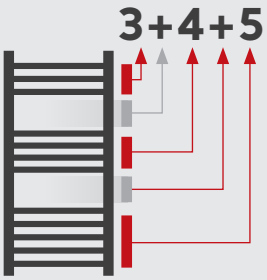
a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	1200	50	90/70	604	300	4+5+15	**450/1200/RS,5**	**69,99**
			75/65	482				
			65/55	365				
			55/45	255				
450	1600	50	90/70	820	300	4+5+6+7+8	**450/1600/RS,5**	**89,99**
			75/65	653				
			65/55	494				
			55/45	345				
600	1200	50	90/70	761	300	4+5+15	**600/1200/RS,5**	**69,99**
			75/65	607				
			65/55	460				
			55/45	321				
600	1600	50	90/70	1033	400	4+5+6+7+8	**600/1600/RS,5**	**89,99**
			75/65	823				
			65/55	622				
			55/45	434				
600	1800	50	90/70	1176	400	4+5+6+7+13	**600/1800/RS,5**	**99,99**
			75/65	939				
			65/55	710				
			55/45	497				

Description



White bathroom heater - straight

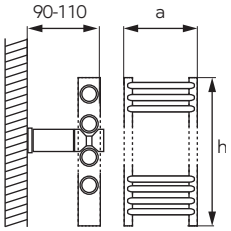
- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C
- reversible heater



Recording system tube arrangement and number of bathroom heater

a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	900	406	90/70/20	455	300	4+5+8	**450/900/R,1**	**49,99**
			75/65/20	363				
			65/55/20	276				
			55/45/20	193				
450	1200	406	90/70/20	604	300	4+5+15	**450/1200/R,1**	**59,99**
			75/65/20	482				
			65/55/20	365				
			55/45/20	255				
600	900	555	90/70/20	574	300	4+5+8	**600/900/R,1**	**59,99**
			75/65/20	458				
			65/55/20	347				
			55/45/20	243				
600	1200	555	90/70/20	761	300	4+5+15	**600/1200/R,1**	**89,99**
			75/65/20	607				
			65/55/20	460				
			55/45/20	321				
600	1600	555	90/70/20	1 033	600	4+5+6+7+8	**600/1600/R,1**	**99,99**
			75/65/20	823				
			65/55/20	622				
			55/45/20	434				

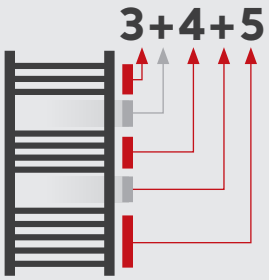




Description

White bathroom heater - curved

- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C
- reversible heater



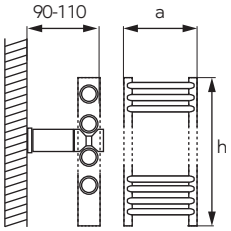
Recording system tube arrangement and number of bathroom heater

a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	900	406	90/70/20	455	300	4+5+8	**450/900,1**	**49,99**
			75/65/20	363				
			65/55/20	276				
			55/45/20	193				
450	1200	406	90/70/20	604	300	4+5+15	**450/1200,1**	**59,99**
			75/65/20	482				
			65/55/20	365				
			55/45/20	255				
600	900	555	90/70/20	574	300	4+5+8	**600/900,1**	**54,99**
			75/65/20	458				
			65/55/20	347				
			55/45/20	243				
600	1200	555	90/70/20	761	300	4+5+15	**600/1200,1**	**59,99**
			75/65/20	607				
			65/55/20	460				
			55/45/20	321				
600	1600	555	90/70/20	1 033	600	4+5+6+7+8	**600/1600,1**	**79,09**
			75/65/20	823				
			65/55/20	622				
			55/45/20	434				

Description

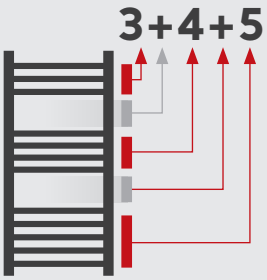






Chrome bathroom heater - curved

- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C
- reversible heater



Recording system tube arrangement and number of bathroom heater

a [mm]	h [mm]	Connection spacing [mm]	Installation parameters [°C]	Power [W]	Dedicated heater power	Pipe arrangement	Index	EUR
450	1200	406	90/70/20	399	600	4+5+15	**450/1200,0**	**119,99**
			75/65/20	318				
			65/55/20	241				
			55/45/20	168				
450	1600	406	90/70/20	541	600	4+5+6+7+8	**450/1600,0**	**139,99**
			75/65/20	431				
			65/55/20	326				
			55/45/20	228				
600	1200	555	90/70/20	502	600	4+5+15	**600/1200,0**	**159,99**
			75/65/20	401				
			65/55/20	304				
			55/45/20	212				
600	1600	555	90/70/20	682	600	4+5+6+7+8	**600/1600,0**	**199,99**
			75/65/20	543				
			65/55/20	411				
			55/45/20	286				



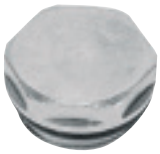
1/2" tee heater

Colour	Index	EUR	Packaging individual	Packaging bulk
white	T-KUS,1	12,99	1 pcs	-
chrome	T-KUS,0	8,99	1 pcs	-



Reduction plug

	Index	EUR	Packaging individual	Packaging bulk
1"x1/2" left	GG3L20	0,49	-	10 pcs
1"x1/2" right	GG3P20	0,49	-	10 pcs
1"x3/4" right	G93P20	0,79	-	10 pcs
1"x3/4" left	G93L20	0,79	-	10 pcs



1/2" blanking plug with an O-ring

- nickel plated

Index	EUR	Packaging individual	Packaging bulk
KZ1	0,69	1 pcs	230 pcs

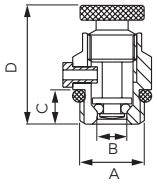


Plug gasket

Index	EUR	Packaging individual	Packaging bulk
GG4	0,19	1 pcs	3000 pcs

Description				
	**Plug gasket set – 4 pcs**			
			Packaging	
	Index	EUR	individual	bulk
	GG4W	0,99	1 set	-
	**Set of plugs** • 2× 1"x1/2" reduction plugs left-handed with gasket • 2× 1"x1/2" reduction plugs right-handed with gasket • 1/2" manual venting valve • 1/2" blanking plug • vent valve key			
			Packaging	
	Index	EUR	individual	bulk
	ZGG1B	2,99	1 pcs	50 pcs
	**Plug set** • 2× 1"x 1/2" reduction plugs left-handed with gasket • 2× 1"x 1/2" reduction plugs right-handed with gasket • 1/2" manual venting valve • 1/2" blanking plug • vent valve key • 2× painted radiator hook • 2× rawlplugs			
			Packaging	
	Index	EUR	individual	bulk
	ZGG2B	4,49	1 pcs	40 pcs
	**Plug set** • 2× reduction plugs 1"x1/2" left with seal • 2× reduction plugs 1"x1/2" right with seal • 1/2" manual venting valve • 1/2" blanking plug • key to vent valve • 3× painted radiator hanger • 3× rawlplugs			
			Packaging	
	Index	EUR	individual	bulk
	ZGG3B	4,99	1 pcs	40 pcs



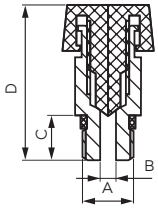


Mechanical air vent with metal knob

- max. working temperature: 120°C
- max. working pressure: 1.0 MPa (10 bar)
- O-ring seal

A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
1/4"	5,8	7	24,5	**RA501/8**	**1,19**	-	100 pcs
3/8"	5,8	8	25,5	**RA501/10**	**1,49**	-	100 pcs





Mechanical air vent with knob

- max. working temperature: 120°C
- max. working pressure: 1.0 MPa (10 bar)

A	B [mm]	C [mm]	D [mm]	Index	EUR	Packaging individual	Packaging bulk
1/8"	3	8,5	28	**RA502/5**	**0,79**	-	100 pcs
1/4"	3	8,5	25	**RA502/8**	**0,99**	-	100 pcs
3/8"	3	9,5	26	**RA502/10**	**1,19**	-	100 pcs
1/2"	3	9	24,5	**RA502/15**	**1,29**	-	50 pcs



1/2" mechanical air vent with knob

Index	EUR	Packaging individual	Packaging bulk	Retail Index	Retail EUR
O15M	**1,99**	1 pcs	-	**O15MW**	**2,29**





1/2" mechanical air vent with key

Index	EUR	Packaging individual	Packaging bulk
O18Y	**0,59**	1 pcs	500pcs

Description



1" automatic air vent for aluminium radiators

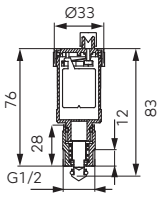
	Index	EUR	Packaging individual	bulk	Retail (Eurohanger) Index	EUR
left	OG25AL	6,99	1 pcs	50 pcs	OG25ALE	6,99
right	OG25AP	6,49	1 pcs	50 pcs	OG25APE	6,99



Automatic air vent with stop valve

D [mm]	H [mm]	H1 [mm]	H2 [mm]	G	Index	EUR	Packaging individual	bulk	Retail Index	EUR
42	58,5	24	5	3/8"	O10AS	6,99	1 pcs	50 pcs		
42	58,5	25	6	1/2"	O15AS	7,99	1 pcs	50 pcs	O15ASE	7,99



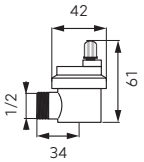


1/2" automatic air vent with stop valve

- max. working temperature: 110°C
- max. working pressure: 1.0 MPa (10 bar)
- brass closing element of the foot valve

Index	EUR	Packaging individual	bulk
O15AS2	4,69	1 pcs	100 pcs





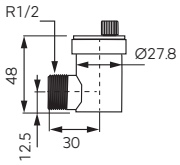
1/2" automatic side air vent

- max. working temperature: 95°C
- max. working pressure: 1.0 MPa (10 bar)

Index	EUR	Packaging individual	bulk
O15ASB	7,49	1 pcs	50 pcs

RADIATOR ACCESSORIES





Description

1/2" automatic side air vent

- max. working temperature: 110°C
- max. working pressure: 1.0 MPa (10 bar)

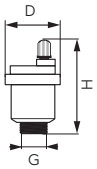
Index	EUR	Packaging individual	Packaging bulk
O15ASB2	3,99	1 pcs	120 pcs



1/2" hygroscopic automatic air vent

Index	EUR	Packaging individual	Packaging bulk	Retail Index	Retail EUR
O15AH	4,29	12 pcs	360 pcs	O15AHW	4,49





Automatic air vent

- without stop valve

D [mm]	H [mm]	G	Index	EUR	Packaging individual	Packaging bulk
42	58,5	3/8"	O10A	5,99	1 pcs	50 pcs
42	58,5	1/2"	O15A	5,99	1 pcs	50 pcs



Bent radiator hook

- zinc-plated with two rawlplugs

		Packaging	
Index	EUR	individual	bulk
GG7K	0,99	2 pcs	200 pcs



Painted radiator hook

- with a rawlplug

		Packaging	
Index	EUR	individual	bulk
GG77M	0,69	2 pcs	100 pcs



Zinc plated radiator hook

- with rawlplug- length 24 cm

		Packaging		Retail	
Index	EUR	individual	bulk	Index	EUR
GG77D	0,99	2 pcs	50 pcs	GG77DW	1,19



Radiator hook

- with rawlplug

		Packaging	
Index	EUR	individual	bulk
GG77	0,99	2 pcs	100 pcs



Painted bent radiator hook

Index	EUR	Packaging individual	Packaging bulk
GG7M	0,99	1 pcs	100 pcs



Zinc-plated bent radiator hook

Index	EUR	Packaging individual	Packaging bulk
GG7	0,99	50 pcs	-



Nipple for aluminium radiators

Index	EUR	Packaging individual	Packaging bulk	Retail Index	Retail EUR
GG8	0,39	-	500 pcs	GG8W	0,59



Key for 1" nipples for aluminium radiators

Index	EUR	Packaging individual	Packaging bulk
GG9P	23,99	1 pcs	-

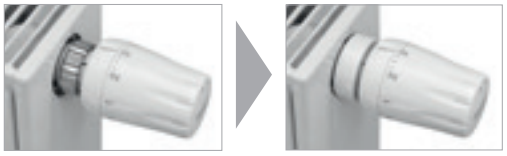
Description			
1" radiator nipple gasket			
		Packaging	
Index	**EUR**	individual	bulk
GG5	**0,19**	100 pcs	2500 pcs



Thermostatic head disassembly blocking device

- ABS ring to be locked on the nut of the thermostatic head
- Fits: GT10, GT11, GT12, GT20
- Prevents removal of the head without tools
- One-off use lock, can only be removed by destroying it
- Used with GT12 head, it additionally prevents change of setting limit
- The set includes an additional element for blocking GT12 head settings





		Packaging	
Index	**EUR**	individual	bulk
GT-LOCK1	**0,49**	1 pcs	500 pcs

Radiator fittings

RADIATOR FITTINGS



THERMOSTATIC VALVES
434



THERMOSTATIC HEADS
435

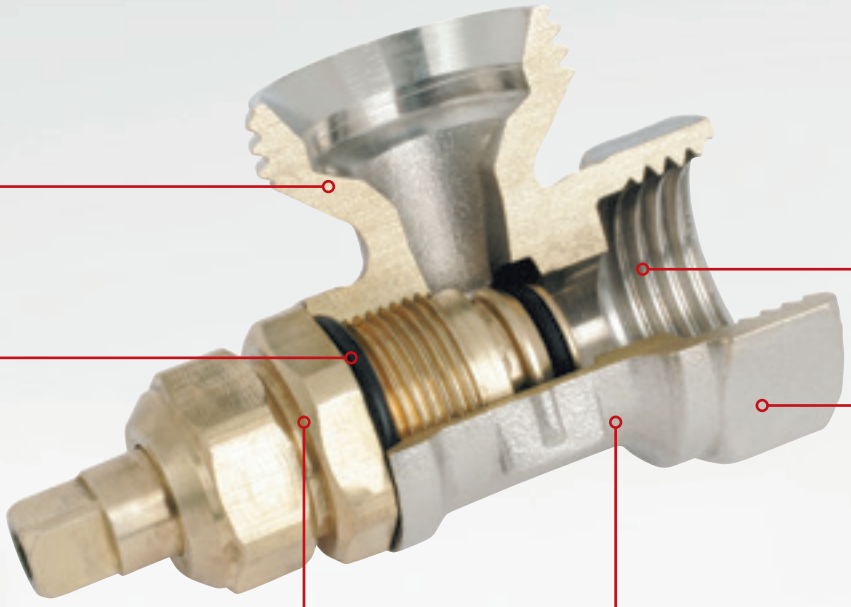


RADIATOR VALVES
438



RADIATOR SETS
441

Radiator valves



Robust body

Double seal (nitrile rubber and a brass nest)

Large number of thread turns

Sandblasted and nickel-plated body

Nominal **pressure 1,0 MPa**

Max. **working temperature 100°C**

H_2O

GLYCOL 50%

Advantages:

- all radiator valves are subjected to 100% tightness test
- simple design, high reliability
- double seal in control valves: rubber gasket and special brass seat
- the valve body is embossed with permanent markings, including the manufacturer's label

Operating parameters

- nominal pressure 1.0 MPa (10 bar)
- working temperature up to 100°C
- working media: hot, cold, central water heating
- radiator valves are attested by the Institute of Energy in Radom

Workmanship and materials:

- bodies and nuts are made of moulded parts and processed by machine tools
- body material: brass
- seals: nitrile rubber NBR, brass socket
- lever/knob: ABS

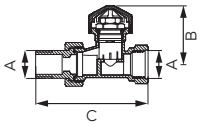
Finishing:

- radiator valves are sandblasted and then nickel-plated
- following special orders - valves can be only chromed or just sandblasted

THERMOSTATIC VALVES

Description



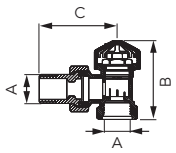


Straight thermostatic valve

- max. permissible static pressure: 1 MPa
- max. permissible pressure difference: 0.06 MPa
- max. working temperature: 100°C
- connection thread for head: M30 x 1.5

									Packaging		Retail (bags)		Retail (Eurohanger)	
DN	**A**	**B** [mm]	**C** [mm]	**Nominal flow** [qmN]	**Pressure difference impact**	**Pre-set-ting regu-lation**	**Index**	**EUR**	individual	bulk	**Index**	**EUR**	**Index**	**EUR**
15	**Rp 1/2**	44	85	0,130 m³/h	0,8 K	yes	**ZT2Y**	**5,99**	9 pcs	108 pcs			**ZT2YE**	**5,99**
15	**Rp 1/2**	44	85	0,137 m³/h	0,3 K	no	**ZT2YS**	**5,99**	9 pcs	108 pcs	**ZT2YSW**	**5,99**		
20	**Rp 3/4**	45,5	100	0,162 m³/h	0,6 K	yes	**ZT3Y**	**8,99**	8 pcs	72 pcs				





Thermostatic angle valve

- max. permissible pressure difference: 1 MPa
- max. permissible pressure difference: 0.06 MPa
- max. working temperature: 100°C
- connection thread for head: M30 x 1.5

									Packaging		Retail (bags)		Retail (Eurohanger)	
DN	**A**	**B** [mm]	**C** [mm]	**Nominal flow** [qmN]	**Pressure difference impact**	**Pre-set-ting regu-lation**	**Index**	**EUR**	individual	bulk	**Index**	**EUR**	**Index**	**EUR**
15	**Rp 1/2**	44	85	0,140 m³/h	0,6 K	yes	**ZT5Y**	**6,99**	10 pcs	120 pcs			**ZT5YE**	**7,19**
15	**Rp 1/2**	44	85	0,153 m³/h	0,3 K	no	**ZT5YS**	**5,99**	10 pcs	120 pcs	**ZT5YSW**	**6,19**		
20	**Rp 3/4**	45,5	100	0,181 m³/h	0,6 K	yes	**ZT6Y**	**9,99**	89pcs	81 pcs				

Description						
	**Thermostatic head** • connection M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: 0 - 5 • temperature adjustment range: up to 28°C • anti-freeze protection: ~ 7°C • closing function (0) • white					
			Packaging		Retail (Eurohanger)	
	Index	EUR	individual	bulk	Index	EUR
	GT10	4,99	1 pcs	100 pcs	GT10E	5,49
	**Thermostatic head** • connection M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: 0 - 5 • temperature adjustment range: up to 28°C • anti-freeze protection: ~ 7°C • closing function (0) • white					
			Packaging		Retail (Eurohanger)	
	Index	EUR	individual	bulk	Index	EUR
	GT11	6,99	1 pcs	100 pcs	GT11E	7,19
	**Thermostatic head** • connection M30 x 1.5 • possibility to limit minimum or maximum setting • maximum ambient temperature: 50°C • adjustment scale: 0 - 5 • temperature adjustment range: up to 28°C • anti-freeze protection: ~ 7°C • closing function (0) • white					
			Packaging			
	Index	EUR	individual	bulk		
	GT12	4,99	1 pcs	100 pcs		
	**Thermostatic head with limitation from 16°C** • connection M30 x 1.5 • maximum ambient temperature:: 50°C • adjustment scale: 2 - 5 • temperature adjustment range: 16°C - 30°C • white					
			Packaging			
	Index	EUR	individual	bulk		
	GT12-16	4,49	1 pcs	100 pcs		

THERMOSTATIC HEADS



Thermostatic head

- connection M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: 0 - 5
- temperature control range: up to 28°C
- anti-freeze protection: ~ 6°C
- closing function (0)
- white

Index	EUR	Packaging	
		individual	bulk
GT20B	5,49	1 pcs	75 pcs



Thermostatic head

- connection: M30 x 1.5
- maximum ambient temperature: 50°C
- adjustment scale:*- 5
- temperature control range: up to 30°C
- anti-freeze protection: ~ 9°C
- white

Index	EUR	Packaging	
		individual	bulk
GT30B	9,49	1 pcs	75 pcs



Thermostatic head

- connection: M30x1.5
- maximum ambient temperature: 50°C
- adjustment scale: * - 5
- temperature adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C
- chrome

Index	EUR	Packaging	
		individual	bulk
GT31B	9,99	1 pcs	75 pcs

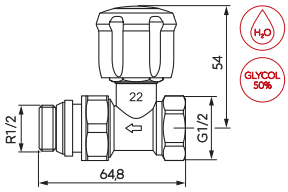
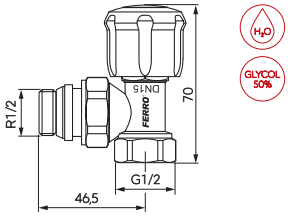
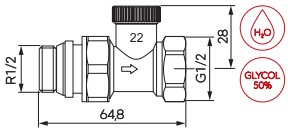
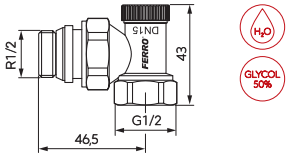


Thermostatic head

- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- temperature adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C
- white/chrome

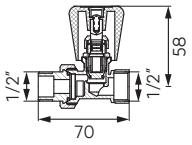
Index	EUR	Packaging	
		individual	bulk
GT32B	8,99	1 pcs	75 pcs

Description			
	**Thermostatic head** • connection: M30x1.5 • maximum ambient temperature: 50°C • adjustment scale: * - 5 • temperature adjustment range: up to 30°C • anti-freeze protection: ~ 9°C • anthracite		
			Packaging
	Index	**EUR**	individual / bulk
	GT33B	**11,49**	1 pcs / 75 pcs
	**Thermostatic head** • connection: M30x1.5 • maximum ambient temperature: 50°C • adjustment scale: * - 5 • temperature adjustment range: up to 30°C • anti-freeze protection: ~ 9°C • black		
			Packaging
	Index	**EUR**	individual / bulk
	GT34B	**11,49**	1 pcs / 75 pcs

Description				
 	**Straight radiator control valve** • radiator connection with cone seal • conical EPDM seal • body material, stem: CW671N • material of handwheel: ABS • double stem sealing: EPDM o-ring • nominal pressure: 1.0 MPa • maximum operating temperature: 100°C • flow capacity: 0.340 m^3/h • flow coefficient Kv (when the valve is fully open): 1.075 m^3/h • medium: water, glycol/water solution (50%)			
			Packaging	
	Index	EUR	individual	bulk
	ZG2YU	5,28	1 pcs	
 	**Angle radiator control valve** • radiator connection with cone seal • conical EPDM seal • body material, stem: CW671N • material of handwheel: ABS • double stem sealing: EPDM o-ring • nominal pressure: 1.0 MPa • maximum operating temperature: 100°C • flow capacity: 0.474 m^3/h • flow coefficient Kv (when the valve is fully open): 1,499 m^3/h • medium: water, glycol/water solution (50%)			
			Packaging	
	Index	EUR	individual	bulk
	ZG5YU	4,99	1 pcs	
 	**Straight radiator shut-off valve** • radiator connection with cone seal • conical EPDM seal • body material, stem: CW671N • double stem sealing: EPDM o-ring • nominal pressure: 1.0 MPa • maximum operating temperature: 100°C • capacity: 0.305 m^3/h • medium: water, glycol/water solution (50%)			
			Packaging	
	Index	EUR	individual	bulk
	ZP2YU	4,49	1 pcs	
 	**Angled radiator shut-off valve** • radiator connection with cone seal • conical EPDM seal • body material, stem: CW671N • double stem sealing: EPDM o-ring • nominal pressure: 1.0 MPa • maximum operating temperature: 100°C • capacity: 0.462 m^3/h • medium: water, glycol/water solution (50%)			
			Packaging	
	Index	EUR	individual	bulk
	ZK2YU	3,99	1 pcs	

Description



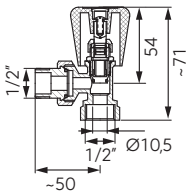


Straight radiator valve 1/2" with gland

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
ZG2Y	4,99	12 pcs	144 pcs	ZG2YW	5,29	ZG2YE	5,29



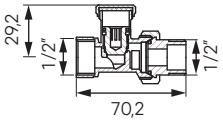


1/2" angle radiator valve with gland

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
ZG5Y	4,49	12 pcs	144 pcs	ZG5YW	4,79	ZG5YE	4,79



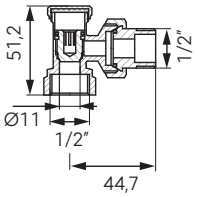


1/2" straight cut-off radiator valve

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
ZP2Y	4,49	16 pcs	192 pcs	ZP2YW	4,69	ZP2YE	4,69



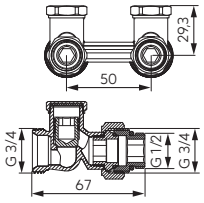


1/2" angle cut-off radiator valve

- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C

Index	EUR	Packaging individual	Packaging bulk	Retail (bags) Index	Retail (bags) EUR	Retail (Eurohanger) Index	Retail (Eurohanger) EUR
ZK2Y	3,99	16 pcs	192 pcs	ZK2YW	4,19	ZK2YE	4,19



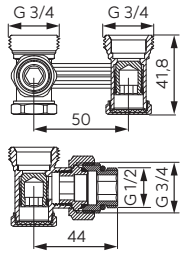


Double valve for bottom connected radiators, straight

- connections 3/4" M x F3/4" F
  or 3/4" M x 1/2" M
  – reduction nipples included
- conical sealing
- poppet type shut-off valves
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

		Packaging		Retail (bags)		Retail (Eurohanger)	
Index	**EUR**	individual	bulk	**Index**	**EUR**	**Index**	**EUR**
LZ06YK	**11,99**	8 pcs	72 pcs	**LZ06YKW**	**11,78**	**LZ06YKE**	**11,99**





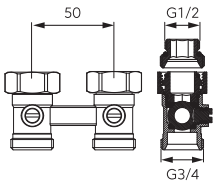


Double valve for bottom connected radiators, angle

- connections 3/4" M x F3/4" F
  or 3/4" M x 1/2" M
  – reduction nipples included
- conical sealing
- poppet type shut-off valves
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

		Packaging		Retail (bags)		Retail (Eurohanger)	
Index	**EUR**	individual	bulk	**Index**	**EUR**	**Index**	**EUR**
LZ07YK	**11,99**	8 pcs	72 pcs	**LZ07YKW**	**11,99**	**LZ07YKE**	**11,78**



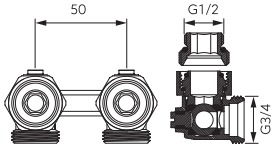


Double valve for bottom connected radiators, straight

- connections 3/4" M x F3/4" F
  or 3/4" M x 1/2" M
  – reduction nipples included
- conical sealing
- ball shut-off valves
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

		Packaging	
Index	**EUR**	individual	bulk
LZ06YKN	**8,99**	8 pcs	72 pcs





Double valve for bottom connected radiators, angle

- connections 3/4" M x F3/4" F
  or 3/4" M x 1/2" M
  – reduction nipples included
- conical sealing
- ball shut-off valves
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

		Packaging	
Index	**EUR**	individual	bulk
LZ07YKN	**8,99**	10 pcs	90 pcs

	Description			
	**Straight thermostatic set with presetting valve** Elements of the set: • GT12 thermostatic head with M30 x 1.5 connection • ZT2Y thermostatic straight valve with presetting • ZP2Y straight cut-off valve • Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 0 - 5 • adjustment range: up to 29°C • valve connection diameter: 1/2"			
			Packaging	
	Index	**EUR**	individual	bulk
	ZTMN01	**16,99**	1 pcs	16 pcs
	**Straight 1/2" thermostatic set with presetting valve and thermostatic head with 16°C limit** Elements of the set: • GT12-16 thermostatic head with M30 x 1.5 connection • ZT2Y thermostatic straight valve with presetting • ZP2Y straight cut-off valve • Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 2 - 5 • adjustment range: up to 30°C • valve connection diameter: 1/2"			
			Packaging	
	Index	**EUR**	individual	bulk
	ZTMN01-16	**16,99**	1 pcs	16 pcs
	**Angle thermostatic set with presetting valve** Elements of the set: • GT12 thermostatic head with M30 x 1.5 connection • ZT5Y angle thermostatic valve, with presetting • ZK2Y angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 0 - 5 • adjustment range: up to 33°C • valve connection diameter: 1/2"			
			Packaging	
	Index	**EUR**	individual	bulk
	ZTMN02	**16,99**	1 pcs	16 pcs
	**Angle 1/2" thermostatic set with presetting valve and thermostatic head with 16°C limit** Elements of the set: • GT12-16 thermostatic head with M30 x 1.5 connection • ZT5Y angle thermostatic valve, with presetting • ZK2Y angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 2 - 5 • adjustment range: 16°C - 29°C • valve connection diameter: 1/2"			
			Packaging	
	Index	**EUR**	individual	bulk
	ZTMN02-16	**16,99**	1 pcs	16 pcs

RADIATOR SETS

	Description			
	**1/2" straight thermostatic set** Elements of the set: • thermostatic head • thermostatic valve without presetting • cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 0 - 5 • temperature control range: up to 28°C • valve connection diameter: 1/2""			
			Packaging	
	Index	EUR	individual	bulk
	ZTM07	17,99	1 pcs	16 pcs
	**1/2" angle thermostatic set** Elements of the set: • thermostatic head • thermostatic valve without presetting • cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar) • max. ambient temperature: 50°C • scale of adjustment: 0 - 5 • temperature control range: up to 28°C • valve connection diameter: 1/2"			
			Packaging	
	Index	EUR	individual	bulk
	ZTM08	17,99	1 pcs	16 pcs
	**1/2" straight thermostatic set** Elements of the set: • thermostatic head • 1/2" straight thermostatic valve without presetting • 1/2" straight radiator cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar) • valve connection diameter: 1/2" • head connection: M30 x 1.5 • max. ambient temperature: 50°C • scale of adjustment: 0 - 5 • adjustment range: up to 28°C			
			Packaging	
	Index	EUR	individual	bulk
	ZTM20	15,99	1 pcs	40 pcs
	**1/2" angle thermostatic set** Elements of the set: • thermostatic head • 1/2" thermostatic angle valve without presetting • 1/2" angle radiator cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar) • valve connection diameter: 1/2" • head connection: M30 x 1.5 • max. ambient temperature: 50°C • scale of adjustment: 0-5 • temperature control range: up to 28°C			
			Packaging	
	Index	EUR	individual	bulk
	ZTM21	15,99	1 pcs	40 pcs

Description			
	**1/2" straight radiator set** Elements of the set: • ZG2Y - 1/2" straight radiator valve with gland • ZP2Y - 1/2" straight radiator cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar)		
			Packaging
Index	**EUR**	individual	bulk
ZGB01	**9,99**	1 pcs	30 pcs
	**1/2" angular radiator set** Elements of the set: • ZG5Y - 1/2" angle radiator valve with gland • ZK2Y - 1/2" angle radiator cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1.0 MPa (10 bar)		
			Packaging
Index	**EUR**	individual	bulk
ZGB02	**8,99**	1 pcs	30 pcs
	**Straight radiator valve set, supply and shut-off DN15** Elements of the set: • straight radiator control valve DN15 ZG2YU • straight radiator shut-off valve DN15 ZP2YU Technical parameters: • nominal pressure: 1.0 MPa • maximum working temperature: 100°C • medium: water, glycol/water solution (50%)		
			Packaging
Index	**EUR**	individual	bulk
ZGYU1	**9,99**	1 pcs	
	**ZGYU2** **Angle radiator valve set, supply and shut-off DN15** Elements of the set: • angle radiator control valve DN15 ZG5YU • angle radiator shut-off valve DN15 ZK2YU Technical parameters: • nominal pressure: 1.0 MPa • maximum working temperature: 100°C • medium: water, glycol/water solution (50%)		
			Packaging
Index	**EUR**	individual	bulk
ZGYU2	**8,99**	1 pcs	

RADIATOR SETS

Description



Thermostatic set for bottom connected radiators, straight

Elements of the set:
- Thermostatic head with M30 x 1.5 connection (fits Heimeier thermostatic inserts)
- universal connection valve straight for V-type radiators
- connections 3/4" M x F3/4" F or 3/4" M x 1/2" M
- reduction nipples included

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1.0 MPa (10 bar)
- max. ambient temperature: 50°C
- scale of adjustment: 0 - 5
- temperature control range: up to 28°C
- valve connection diameter: MT3/4" x MT3/4" or MT3/4" x MT1/2"

Index	EUR	Packaging individual	Packaging bulk
ZTV01	19,99	1 pcs	25 pcs



Thermostatic set for bottom connected radiators, angle

Elements of the set:
- Thermostatic head with M30 x 1.5 connection (fits Heimeier thermostatic inserts)
- universal angle connection valve for V-type radiators
- connections 3/4" M x F3/4" F or 3/4" M x 1/2" M
- reduction nipples included
- Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1.0 MPa (10 bar)
- max. ambient temperature: 50°C
- scale of adjustment: 0 - 5
- temperature control range: up to 28°C

Index	EUR	Packaging individual	Packaging bulk
ZTV02	19,99	1 pcs	25 pcs



Thermostatic set for bottom connected radiators, straight

Elements of the set:
- thermostatic head with M30 x 1.5 connection (fits Heimeier thermostatic inserts)
- universal straight connection valve for V-type radiators
- connections 3/4" M x F3/4" F or 3/4" M x 1/2" M

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1.0 MPa (10 bar)
- max. ambient temperature: 50°C
- scale of adjustment: 0 - 5
- temperature control range: up to 28°C

Index	EUR	Packaging individual	Packaging bulk
ZTV07	17,99	1 pcs	16 pcs



Thermostatic set for bottom connected radiators, angle

Elements of the set
- thermostatic head with M30 x 1.5 connection (fits Heimeier thermostatic inserts)
- universal angle connection valve for V-type radiators
- connections 3/4" M x F3/4" F or 3/4" M x 1/2" M

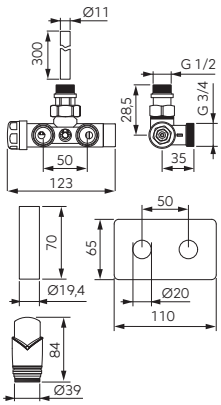
Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1.0 MPa (10 bar)
- max. ambient temperature: 50°C
- scale of adjustment: 0 - 5
- temperature control range: up to 28°C

Index	EUR	Packaging individual	Packaging bulk
ZTV08	17,99	1 pcs	25 pcs

Description			
	**Thermostatic set for bottom connected radiators, straight** Elements of the set: • thermostatic head with M30x1,5 connection (suitable for Heimeier type thermostatic inserts) • universal straight connection valve Technical specifications: • connections 3/4" M x F3/4" F or 3/4" M x 1/2" M – reduction nipples included • conical sealing • ball shut-off valves • nominal pressure: 1,0 MPa (10 bar) • maximum working temperature: 100°C • maximum ambient temperature: 50°C • adjustment scale: 0-5 • temperature adjustment range: 0-28°C • antifreeze protection: ~ 6°C		
			Packaging
Index	**EUR**	individual	bulk
ZTV20	**13,99**	1 pcs	40 pcs
	**Thermostatic set for bottom connected radiators, angle** Elements of the set: • thermostatic head with M30x1,5 connection (suitable for Heimeier type thermostatic inserts) • universal angle connection valve Technical specifications: • connections 3/4" M x F3/4" F or 3/4" M x 1/2" M – reduction nipples included • conical sealing • ball shut-off valves • nominal pressure: 1,0 MPa (10 bar) • maximum working temperature: 100°C • maximum ambient temperature: 50°C • adjustment scale: 0-5 • temperature adjustment range: 0-28°C • antifreeze protection: ~ 6°C		
			Packaging
Index	**EUR**	individual	bulk
ZTV21	**13,99**	1 pcs	40 pcs

Description





Decorative thermostatic set with preset adjustment, immersion sleeve, and thermostatic head, chrome NEW

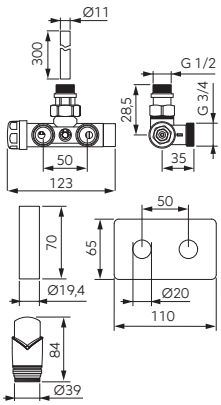
Elements of the set:
- GT31 thermostatic head
- integrated angle valve with with presetting and 1/2' radiator connection
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- cover and decorative pipes
- immersion sleeve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)
- universal valve - change of direction to left or right by installer

		Packaging	
Index	EUR	individual	bulk
ZTT30CR	54,99	1 pcs.	20 pcs.





Decorative thermostatic set with preset adjustment, immersion sleeve, and thermostatic head, anthracite NEW

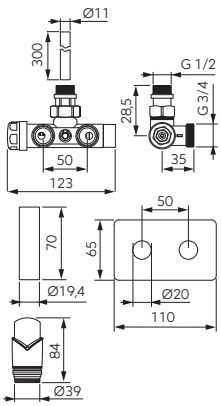
Elements of the set:
- GT33 thermostatic head
- integrated angle valve with with presetting and 1/2' radiator connection
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- cover and decorative pipes
- immersion sleeve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)
- universal valve - change of direction to left or right by installer

		Packaging	
Index	EUR	individual	bulk
ZTT30AT	59,99	1 pcs.	20 pcs.





Decorative thermostatic set with preset adjustment, immersion sleeve, and thermostatic head, black NEW

Elements of the set:
- GT34 thermostatic head
- integrated angle valve with with presetting and 1/2' radiator connection
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- cover and decorative pipes
- immersion sleeve

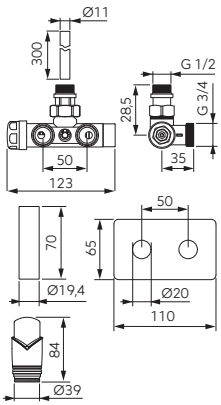
Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)
- universal valve - change of direction to left or right by installer

		Packaging	
Index	EUR	individual	bulk
ZTT30BL	59,99	1 pcs.	20 pcs.

Description			





Decorative thermostatic set with preset adjustment, immersion sleeve, and thermostatic head, white NEW

Elements of the set:
- GT30 thermostatic head
- integrated angle valve with with presetting and 1/2' radiator connection
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- cover and decorative pipes
- immersion sleeve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)
- universal valve - change of direction to left or right by installer

		Packaging	
Index	EUR	individual	bulk
ZTT30WH	59,99	1 pcs.	20 pcs.



pipe connector set:



multilayer



copper

Decorative integrated angle thermostatic set, chrome

Elements of the set:
- GT31 thermostatic head
- integrated angle valve
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- 3/4" x 1/2" radiator nipples

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTD30CR	36,99	1 pcs.	20 pcs.



pipe connector set:



multilayer



copper

Decorative integrated angle thermostatic set, white

Elements of the set:
- GT30 thermostatic head
- integrated angle valve
- 15 mm copper pipe connectors
- 16x2 mm multilayer pipe connectors
- 3/4" x 1/2" radiator nipples
- Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTD30WH	36,99	1 pcs.	20 pcs.

RADIATOR SETS

	Description
 pipe connector set:  multilayer copper	**Decorative integrated angle thermostatic set, anthracite** Elements of the set: • GT33 thermostatic head • integrated angle valve • 15 mm copper pipe connectors • 16 x 2 mm multilayer pipe connectors • 3/4" x 1/2" radiator nipples Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)

EAN		Packaging	
Index	**EUR**	individual	bulk
ZTD30AT	**36,99**	1 pcs.	20 pcs.

 pipe connector set:  multilayer copper	**Decorative integrated angle thermostatic set, black** Elements of the set: • GT34 thermostatic head • integrated angle valve • 15 mm copper pipe connectors • 16 x 2 mm multilayer pipe connectors • 3/4" x 1/2" radiator nipples Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)

EAN		Packaging	
Index	**EUR**	individual	bulk
ZTD30BL	**36,99**	1 pcs.	20 pcs.

 pipe connector set:  multilayer copper	**Decorative axial thermostatic set, chrome** Elements of the set: • GT31 thermostatic head • 1/2" axial thermostatic valve • 1/2" axial cut-off valve • 15 mm copper pipe connectors • 16x2 mm multilayer pipe connectors Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)

EAN		Packaging	
Index	**EUR**	individual	bulk
ZTO30CR	**32,99**	1 pcs.	20 pcs.

Description			
 pipe connector set:  multilayer  copper	**Decorative axial thermostatic set, white** Elements of the set: • GT30 thermostatic head • 1/2" axial thermostatic valve • 1/2" axial cut-off valve • 15 mm copper pipe connectors • 16x2 mm multilayer pipe connectors Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)		
			Packaging
	Index	EUR	individual / bulk
	ZTO30WH	36,99	1 pcs. / 20 pcs.
 pipe connector set:  multilayer  copper	**Decorative axial thermostatic set, anthracite** Elements of the set: • GT33 thermostatic head • 1/2" axial thermostatic valve • 1/2" axial cut-off valve • 15 mm copper pipe connectors • 16 x 2 mm multilayer pipe connectors Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)		
			Packaging
	Index	EUR	individual / bulk
	ZTO30AT	36,99	1 pcs. / 20 pcs.
 pipe connector set:  multilayer  copper	**Decorative axial thermostatic set, black** Elements of the set: • GT34 thermostatic head • 1/2" axial thermostatic valve • 1/2" axial cut-off valve • 15 mm copper pipe connectors • 16 x 2 mm multilayer pipe connectors Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)		
			Packaging
	Index	EUR	individual / bulk
	ZTO30BL	36,99	1 pcs. / 20 pcs.



Description

Decorative straight thermostatic set, chrome

Elements of the set:
- GT31 thermostatic head
- 1/2" straight thermostatic valve
- 1/2" straight cut-off valve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTM30CR	21,99	1 pcs.	20 pcs.



Decorative straight thermostatic set, white

Elements of the set:
- GT30 thermostatic head
- 1/2" straight thermostatic valve
- 1/2" straight cut-off valve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTM30WH	23,99	1 pcs.	20 pcs.



Decorative straight thermostatic set, anthracite

Elements of the set:
- GT33 thermostatic head
- 1/2" straight thermostatic valve
- 1/2" straight cut-off valve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTM30AT	23,99	1 pcs.	20 pcs.



Decorative straight thermostatic set, black

Elements of the set:
- GT34 thermostatic head
- 1/2" straight thermostatic valve
- 1/2" straight cut-off valve

Thermostatic head:
- connection: M30 x 1.5
- max. ambient temperature: 50°C
- adjustment scale: * - 5
- adjustment range: up to 30°C
- anti-freeze protection: ~ 9°C

Technical parameters:
- max. working temperature: 100°C
- max. working pressure: 1 MPa (10 bar)

		Packaging	
Index	EUR	individual	bulk
ZTM30BL	23,99	1 pcs.	20 pcs.

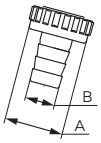
	Description			
	**Decorative angle thermostatic set, chrome** Elements of the set: • GT31 thermostatic head • 1/2" angle thermostatic valve • 1/2" angle cut-off valve Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: up to 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZTM31CR	21,99	1 pcs.	20 pcs.
	**Decorative angle thermostatic set, white** Elements of the set: • GT30 thermostatic head • 1/2" angle thermostatic valve • 1/2" angle cut-off valve Thermostatic head: • connection: M30 x 1.5v • max. ambient temperature: 50°C • adjustment scale: * - 5 adjustment range: up to 30°C anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZTM31WH	23,99	1 pcs.	20 pcs.
	**Decorative angle thermostatic set, anthracite** Elements of the set: • GT33 thermostatic head • 1/2" angle thermostatic valve • 1/2" angle cut-off valve Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: do 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZTM31AT	23,99	1 pcs.	20 pcs.
	**Decorative angle thermostatic set, black** Elements of the set: • GT34 thermostatic head • 1/2" angle thermostatic valve • 1/2" angle cut-off valve Thermostatic head: • connection: M30 x 1.5 • max. ambient temperature: 50°C • adjustment scale: * - 5 • adjustment range: do 30°C • anti-freeze protection: ~ 9°C Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZTM31BL	23,99	1 pcs.	20 pcs.

RADIATOR SETS

	Description			
	**Decorative straight radiator set, chrome** Elements of the set: • 1/2" straight control valve • 1/2" straight shut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB30CR	17,99	1 pcs	30 pcs
	**Decorative straight radiator set, white** Elements of the set: • 1/2" straight control valve • 1/2" straight shut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB30WH	17,99	1 pcs	30 pcs
	**Decorative straight radiator set, anthracite** Elements of the set: • 1/2" straight control valve • 1/2" straight shut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB30AT	17,99	1 pcs	30 pcs
	**Decorative straight radiator set, black** Elements of the set: • 1/2" straight control valve • 1/2" straight shut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB30BL	17,99	1 pcs	30 pcs

	Description			
	**Decorative angle radiator set, chrome** Elements of the set: • 1/2" angle control valve • 1/2" angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB31CR	19,99	1 pcs	30 pcs
	**Decorative angle radiator set, white** Elements of the set: • 1/2" angle control valve • 1/2" angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB31WH	19,99	1 pcs	30 pcs
	**Decorative angle radiator set, anthracite** Elements of the set: • 1/2" angle control valve • 1/2" angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB31AT	19,99	1 pcs	30 pcs
	**Decorative angle radiator set, black** Elements of the set: • 1/2" angle control valve • 1/2" angle cut-off valve Technical parameters: • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar)			
			Packaging	
	Index	EUR	individual	bulk
	ZGB31BL	19,99	1 pcs	30 pcs





Description

Hose connection tip for bibcocks

					Packaging		Retail (bags)	
A	**B** [mm]	**for valve**	**Index**	**EUR**	individual	bulk	**Index**	**EUR**
G3/4	15	**1/2"**	**K44**	**0,99**	50 pcs	450 pcs	**K44W**	**0,99**
G1	20	**3/4"**	**K45**	**1,49**	50 pcs	450 pcs	**K45W**	**1,59**
G1 1/4	28	**1"**	**K46**	**1,79**	25 pcs	-	**K46W**	**1,99**



Ball valve handle

			Packaging	
for valve	**Index**	**EUR**	individual	bulk
3/8"	**RKP10**	**0,49**	1 pcs	-
1/2"	**RKP1**	**0,49**	1 pcs	-
3/4"	**RKP2**	**0,49**	1 pcs	-
1"	**RKP3**	**0,69**	1 pcs	-
1 1/4"	**RKP4**	**0,68**	1 pcs	-
1 1/2"	**RKP5**	**1,99**	1 pcs	-
2"	**RKP6**	**1,49**	1 pcs	-
2 1/2"	**RKP7**	**3,99**	1 pcs	-
3"	**RKP8**	**3,49**	1 pcs	-
4"	**RKP9**	**5,52**	1 pcs	-



Flange – finish

- galvanized steel

					Packaging	
model	**Ø** [mm]	**Size**	**Index**	**EUR**	individual	bulk
SV35	95	**3/4"**	**CFF095TRF008Z**	**3,99**	1 pcs	-
SV50	95	**1"**	**CFF095TRF007Z**	**3,49**	1 pcs	-
SV80	145	**3/4"**	**CFF145TRF008Z**	**7,99**	1 pcs	-
SV100	145	**1"**	**CFF145TRF007Z**	**6,99**	1 pcs	-
SV150	260	**1 1/4"**	**CFF260TRF001V**	**69,99**	1 pcs	-



Membrane fixing flange
- model: 100 ÷ 500

Index	EUR	Packaging individual	bulk
TIR001Z	14,99	1 pcs	-



Membrane fixing flange
- model: 750 ÷ 5000

Index	EUR	Packaging individual	bulk
TIR003Z	39,99	1 pcs	-



Air precharge valve por pressure tanks

Index	EUR	Packaging individual	bulk
VAL003	4,69	1 pcs	-





Expansion vessel membranes

for model	Ø [mm]	Index	EUR	Packaging individual	bulk
A18	45	ME018A	10,99	1 pcs	-
A24	80	ME024A	11,44	1 pcs	-
AV80	80	ME080A	52,05	1 pcs	-

SPARE PARTS

	Description
	**Ball valve butterfly**

			Packaging	
	Index	EUR	individual	bulk
KMS1, KSS1, KMS11, KMS2, KSS2, KMS21, KM1, KM2, KM21	MKM2	0,39	1 pcs	-
KMS3, KSS3, MKS31, KM3, KM31	MKM3	0,49	1 pcs	-
KS1, KM11	MKMKS1	0,44	1 pcs	-
KS2	MKMKS2	0,59	1 pcs	-
KS3	MKMKS3	0,59	1 pcs	-



Pipe rosette

- white

			Packaging	
Dimensions	Index	EUR	individual	bulk
15 mm	RGB15	0,99	5 pcs	100 pcs
16 mm	RGB16	0,99	5 pcs	100 pcs
18 mm	RGB18	0,99	5 pcs	100 pcs
20 mm	RGB20	0,99	5 pcs	100 pcs
22 mm	RGB22	0,99	5 pcs	100 pcs
25 mm	RGB25	0,99	5 pcs	100 pcs
28 mm	RGB28	0,99	5 pcs	100 pcs



Double pipe rosette

- white

			Packaging	
Dimensions	Index	EUR	individual	bulk
15 mm	RRPB15	0,99	1 pcs	20 pcs
16 mm	RRPB16	0,99	1 pcs	20 pcs
18 mm	RRPB18	0,99	1 pcs	20 pcs
20 mm	RRPB20	0,99	1 pcs	20 pcs
22 mm	RRPB22	0,99	1 pcs	20 pcs
28 mm	RRPB28	0,99	1 pcs	20 pcs



Double pipe rosette

- chrome

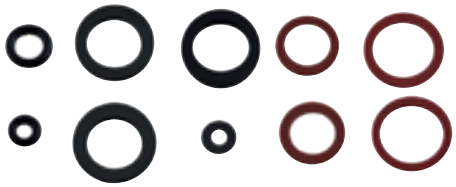
			Packaging	
Dimensions	Index	EUR	individual	bulk
18 mm	RGPC18	1,49	1 pcs	20 pcs
22 mm	RGPC22	1,49	1 pcs	20 pcs



Pipe rosette

- chrome

Dimensions	Index	EUR	Packaging individual	Packaging bulk
15 mm	RRPC15	1,29	2 pcs	40 pcs
16 mm	RRPC16	1,29	2 pcs	40 pcs
18 mm	RRPC18	1,29	2 pcs	40 pcs
20 mm	RRPC20	1,29	2 pcs	40 pcs
22 mm	RRPC22	1,29	2 pcs	40 pcs
25 mm	RRPC25	1,29	2 pcs	40 pcs
28 mm	RRPC28	1,29	2 pcs	40 pcs



Set of gaskets for gas heaters

Index	EUR	Packaging individual	Packaging bulk
UWOG	0,69	1 set	20 set



Aluminium radiator gasket

Dimensions	Index	EUR	Packaging individual	Packaging bulk
3/4''	GG34EKO	0,49	4 pcs	80 pcs



Aluminium radiators 1" plug gasket

Dimensions	Index	EUR	Packaging individual	Packaging bulk
1"	GG4W	0,99	4 pcs	-



Description

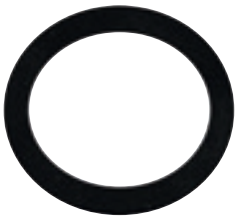
Cast iron radiator gasket

Dimensions	Index	EUR	Packaging individual	Packaging bulk
5/4"	GG54EKO	0,49	4 pcs	80 pcs



EKO gasket for cast iron unions

Dimensions	Index	EUR	Packaging individual	Packaging bulk
1/2"	USDZ12	0,52	2 pcs	800 pcs
3/4"	USDZ34	0,74	2 pcs	800 pcs
1"	USDZ1	0,52	2 pcs	800 pcs



Rubber gasket for 1" cast iron unions

Dimensions	Index	EUR	Packaging individual	Packaging bulk
1"	USDZ1G	1,06	2 pcs	800 pcs



Watermeter fiber gasket

Dimensions	Index	EUR	Packaging individual	Packaging bulk
1"	USW1	0,59	4 pcs	800 pcs
3/4"	USW34	0,49	4 pcs	800 pcs

Description				
	**EPDM rubber washer for 6/4" circulation pump**			
			Packaging	
Dimensions	**Index**	**EUR**	individual	bulk
44x32x3 mm	**GG10**	**0,29**	1 pcs	-

Description				
	**Teflon tape**			
			Packaging	
Dimensions	**Index**	**EUR**	individual	bulk
12 x 10 x 1,205 mm	**T01**	**0,29**	1 pcs	1000 pcs
12 x 10 x 0,1 mm	**T04**	**0,39**	1 pcs	1000 pcs
19 x 15 x 0,2 mm	**T05**	**1,49**		

PRODUCT INDEX

Index	Page	EUR
A		
AAI02BR	143	21,99
AAI03BR	143	21,99
AAI05BR	143	12,99
AAI09BR	143	36,99
AAI10BR	143	54,99
AAI13BR	143	44,99
AAI14BR	144	36,99
AAI33BR	144	21,99
AAI34BR	144	29,99
AAI35BR	144	89,99
AGR02	150	12,99
AGR02BL	152	13,99
AGR03	150	12,99
AGR03BL	152	13,99
AGR05	150	6,49
AGR05BL	152	7,99
AGR06	150	9,99
AGR06BL	152	9,99
AGR09	150	24,99
AGR09BL	152	26,99
AGR10	150	34,99
AGR10BL	152	39,99
AGR11	151	26,99
AGR11BL	153	28,99
AGR14	151	24,99
AGR14BL	153	26,99
AGR33	151	16,99
AGR33BL	153	17,99
AGR34	151	17,99
AGR34BL	153	19,99
ARE02	145	18,99
ARE03	145	18,99
ARE05	145	11,99
ARE09	145	29,99
ARE10	145	44,99
ARE13	145	36,99
ARE14	146	34,99
ARE33	146	18,99
ARE34	146	27,99
ARE35	146	69,99
ASM02	154	11,99
ASM03	154	11,99
ASM05	154	7,99
ASM06	154	9,99
ASM07	154	14,99
ASM09	154	17,99
ASM10	155	18,99
ASM13	155	18,99
ASM14	155	16,99
ASM33	155	9,99
ASM34	155	24,99
ASM35	155	34,99

Index	Page	EUR
B		
BAG1	52	54,99
BAG1BL	56	69,99
BAG2	49	36,99
BAG2A	49	49,99
BAG2AA	49	34,99
BAG2ABL	55	49,99
BAG2APO	49	54,99
BAG2BL	55	39,99
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BAG2LBL	55	84,99
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BAG3A	50	64,99
BAG3PA18	49	99,99
BAG3PA22	50	109,99
BAG4	53, 190	44,99
BAG4A	53, 191	36,99
BAG5	53, 198	49,99
BAG5A	52	64,99
BAG5FB	53, 198	62,99
BAG5UFB	54, 198	59,99
BAG6	50	39,99
BAG6BL	55	44,99
BAG7	51	44,99
BAG7BL	56	46,99
BAG7P	51	49,99
BAG7P2BOX	51	114,99
BAG7P3BOX	51	129,99
BAG7P3BOX-SET1-S	114	299,99
BAG7PA	51	29,99
BAG7PA-SET1	52	49,99
BAG7PBL-SET1-S	113	119,99
BAG7P-SET1-S	112	109,99
BAG7U	51	49,99
BAG8	53, 191	49,99
BAG11	52	69,99
BAG11A	52	159,99
BAG11P	53	159,99
BAG55A	52	69,99
BAG66P	50	89,99
BAG66PBL	55	89,99
BAGM2	210	39,99
BAGM2AA	210	39,99
BAGM2L	210	89,99
BAGM3	210	54,99
BAGM4A	211	39,99
BAGM5	211	49,99
BAGM7	210	49,99
BAI2BR	81	64,99
BAI4BR	81, 193	59,99
BAI5BR	81, 199	64,99

Index	Page	EUR
BAI6BR	81	59,99
BAI7BR	81	59,99
BAI11BR	81	99,99
BAQ1	44	64,99
BAQ1BLC	45	74,99
BAQ2	42	44,99
BAQ2BLC	45	49,99
BAQ2L	42	89,99
BAQ2LBLC	45	94,99
BAQ3A	44	74,99
BAQ3PA18	42	99,99
BAQ3PA22	42	109,99
BAQ4	44, 190	49,99
BAQ5A	44	79,99
BAQ6	43	49,99
BAQ6BLC	45	54,99
BAQ7	43	49,99
BAQ7BLC	45	54,99
BAQ7P	43	49,99
BAQ7P2BOX	43	119,99
BAQ7P3BOX	43	129,99
BAQ7P3BOX-SET1-S	113	299,99
BAQ7P-SET1-S	112	129,99
BAQ7U	43	49,99
BAQ11A	44	149,99
BAQ11P	44	169,99
BAQ66P	42	94,99
BAQM2	210	49,99
BBC2	79	18,99
BBC2A	79	19,99
BBC3	79	25,99
BBC4	80, 192	19,99
BBC5	80, 199	25,99
BBC5A	79	44,99
BBC6	79	21,99
BBC11	80	36,99
BBC55A	79	49,99
BBC77	80	25,99
BCQ4	188	31,99
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BCU4	184	74,99
BCU8	184	119,99
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BDR2	30	69,99
BDR2L	30	89,99
BDR3PA	30	99,99
BDR4	31, 190	99,99
BDR6	30	74,99
BDR7	30	69,99
BDR7P	30	79,99
BDR11A	31	199,99
BFI1	47	54,99
BFI1G	48	69,99

Index	Page	EUR
BFI2	46	49,99
BFI2A	46	54,99
BFI2AG	48	69,99
BFI2FB	46	44,99
BFI2G	48	74,99
BFI2L	46	79,99
BFI2-LB	217	69,99
BFI2LG	48	99,99
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BFI6G	48	69,99
BFI7	46	44,99
BFI7G	48	54,99
BFI7P	47	49,99
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BFO1A	74	69,99
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BFO2-LA	218	49,99
BFO2-LB	218	54,99
BFO2-LC	219	54,99
BFO3	73	39,99
BFO3A	73	54,99
BFO3-LB	219	69,99
BFO4	75, 192	26,99
BFO4-LB	219	54,99
BFO5	75, 198	39,99
BFO5A	75	54,99
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BFO6	73	39,99
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BFO11B	74	59,99
BFO33A	73	62,99
BFO55A	75	62,99
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BFR4S	194	32,99
BFR8B	194	54,99
BFR8S	194	54,99
BFR41B	193	59,99
BFR41S	193	59,99
BFR42B	194	64,99
BFR42S	194	64,99
BFT41	184	99,99
BFT41B	184	109,99
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BIS2A	77	22,99
BIS3	77	32,99
BIS4	78, 192	39,99
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BIS5	78, 199	34,99
BIS6	77	26,99
BIS11	78	44,99
BIS33A	77	54,99
BIS55A	78	59,99
BIS77	77	34,99
BLB1VL	39	59,99
BLB2VL	39	49,99
BLB6VL	39	54,99
BLB7PVL	39	49,99
BLB7VL	39	39,99
BLE4B	189	79,99
BLG4	189	39,99
BLG4BL	189	54,99
BLG4LP	196	59,99
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BNA4	190	79,99
BSC1	33	79,99
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BSC2	32	69,99
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BSC2L	32	84,99
BSC2LBL	34	99,99
BSC3PA	32	109,99
BSC3PABL	34	129,99
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BSC6BL	34	84,99
BSC7	32	64,99
BSC7BL	34	74,99
BSC7P	33	99,99
BSC7PA	32	69,99
BSC7PABL	34	79,99
BSC7PBL	35	109,99
BSL1	70	49,99
BSL2	70	29,99
BSL2A	70	29,99
BSL5A	70	49,99
BSL7	70	24,99
BSL55A	70	59,99
BSM2	71	21,99
BSM2A	71	21,99
BSM3	71	29,99
BSM4	72, 191	21,99
BSM5	72, 198	31,99
BSM6	71	24,99
BSM11	71	39,99
BSM77	71	29,99
BST2	86	29,99
BST3	86	32,99
BST4	86, 193	29,99
BST5	87, 199	32,99
BST11	86	59,99
BST11A	86	54,99
BST77	86	39,99
BST-SWITCH-H-Q	262	6,99
BSV1	76	39,99
BSV2	76	29,99
BSV2-LB	217	39,99
BSV4	76, 192	26,99
BSV6	76	33,99
BSV7	76	34,99
BSV11	76	46,99
BTD4FUW	190	79,99
BTD4PO	190	69,99
BTG1VL	40	79,99
BTG2AVL	40	39,99
BTG2VL	40	49,99
BTG3A	40	79,99
BTG5A	41	79,99
BTG6VL	40	59,99
BTG7VL	40	59,99
BTI4	189	44,99
BTI4BL	189	54,99
BTI4LP	196	59,99
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BTR2BL	65	39,99
BTR2-LB	216	39,99
BTR4	64, 192	39,99
BTR6	63	36,99
BTR6BL	65	39,99
BTR7	63	34,99
BTR7BL	65	36,99
BTR66P	63, 65	69,99
BVA2	67	24,99
BVA2A	67	24,99
BVA2-LB	218	29,99
BVA3	67	34,99
BVA3A	67	49,99
BVA4	68, 191	26,99
BVA4A	68, 191	32,99
BVA5	69, 198	34,99
BVA5A	68	49,99
BVA6	67	34,99
BVA8	68, 191	46,99
BVA11	68	49,99
BVA55A	68	59,99
BVA77	67	39,99
BVAM2	211	39,99
BVAM2A	211	34,99
BVAM3	211	44,99
BVAM4	211	39,99
BVAM5	212	44,99

PRODUCT INDEX

Index	Page	EUR
BVA-SWITCH	262	3,97
BVI1RVL	58	89,99
BVI1RVLBL	60	109,99
BVI1VL	57	59,99
BVI1VLBL	59	69,99
BVI1VLG	61	79,99
BVI1VLGM	62	79,99
BVI2LVL	57	89,99
BVI2LVLBL	59	99,99
BVI2LVLG	61	119,99
BVI2LVLGM	62	129,99
BVI2VL	57	49,99
BVI2VLBL	59	59,99
BVI2VLG	61	61,99
BVI2VLGM	62	69,99
BVI6VL	57	54,99
BVI6VLBL	59	59,99
BVI6VLG	61	69,99
BVI6VLGM	62	74,99
BVI7VL	57	54,99
BVI7VLBL	59	59,99
BVI7VLG	61	59,99
BVI7VLGM	62	69,99
BVI11VL	57	69,99
BVI11VLBL	59	79,99
BZA4B	185	42,99
BZA4B-LB	220	44,99
BZA4BLB	184	52,99
BZA4BLP	196	52,99
BZA4BSS	185	39,99
BZA4BSSG	185	52,99
BZA4BSSGM	184	54,99
BZA4C	186	42,99
BZA4G	186	42,99
BZA4L	187	42,99
BZA4M	186	42,99
BZA4P	186	42,99
BZA4PSS	185	39,99
BZA4R	187	42,99
BZA4S	186	42,99
BZA4SSS	185	39,99
BZA4W	186	42,99
BZA4WSS	185	39,99
BZA42B	188	47,99
BZA42P	188	47,99
BZA42S	188	47,99
BZA42W	188	47,99
BZA43B	187	72,99
BZA43P	187	72,99
BZA43S	187	72,99
BZA43W	187	72,99
BZI1BL	38	79,99
BZI2	36	44,99
BZI2BL	38	54,99
BZI2-LB	217	54,99
BZI3A	37	69,99
BZI6	36	49,99
BZI6BL	38	59,99
BZI7BL	38	54,99
BZI11	36	69,99
BZI11R	37	109,99
BZI11RBL	38	129,99
BZI55A	37	79,99
BZI77	36	54,99
C		
CF0052	236	11,99
CF0069	236	9,99
CF0070	236	5,99
CF210F	256	0,39
CF220F	256	0,39
CF230G	256	0,39
CF240G	254	0,49
CF250	254	0,49
CF250W	254	0,89
CF260	254	0,49
CF260W	254	0,99
CF270G	255	0,49
CF3016	344	5,99
CF3017	345	5,99
CF3019A	176, 344	5,99
CF3027	345	4,99
CF5104	344	9,99
CF5105	344	10,99
CFF095TRF007Z	454	3,49
CFF095TRF008Z	454	3,99
CFF145TRF007Z	454	6,99
CFF145TRF008Z	454	7,99
CFF260TRF001V	454	69,99
CNK411B	232	11,49
CNK412B	232	11,99
CO5W	372	26,99
CO6PL7	373	39,99
CO8PL7	373	39,99
CO8PR	373	46,99
CO8W	372	28,99
CO10PL7	373	42,99
CO10PR	373	49,99
CO12PL7	373	44,99
CO12PR	373	46,99
CO12W	372	29,99
CO18PL7	373	49,99
CO18W	372	29,99
CO24W	372	32,99
CO35S	372	59,99
CO35W	372	54,99
CO50S	372	74,99
CO50W	372	69,99
CO60S	372	114,99
CO80S	372	114,99
CO100S	372	169,99
CO150S	372	219,99
CO200S	372	299,99
CO250S	372	349,99
CO300S	372	429,99
CO400S	372	599,99
CO500S	372	699,99
CWU2W	375	28,99
CWU5W	375	29,99
CWU8W	375	31,99
CWU12W	375	32,99
CWU18W	375	34,99
CWU24W	375	38,99
CWU35W	375	74,99
CWU50S	375	124,99
CWU60S	375	149,99
CWU80S	375	159,99
CWU100S	375	219,99
D		
DRGM1/48/58BA	204	119,99
DRGM1/48/58GA	205	119,99
DRGM1/48/58HA	205	119,99
DRGM1/48/58SA	204	119,99
DRGM1/51BA	205	119,99
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DRGM1/51SA	205	119,99
DRGM2/48/78BA	202	139,99
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DRGM2/48/78HA	202	139,99
DRGM2/48/78SA	202	139,99
DRGM3/48/79BA	202	139,99
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DRGM3/48/79HA	203	139,99
DRGM3/48/79SA	202	139,99
DRGM48/58BA	204	119,99
DRGM48/58GA	204	119,99
DRGM48/58HA	204	119,99
DRGM48/58SA	204	119,99
DRGM48/78BA	203	119,99
DRGM48/78GA	203	119,99
DRGM48/78GA-SET1-PL	206	149,99
DRGM48/78HA	203	119,99
DRGM48/78HA-SET1-PL	206	149,99
DRGM48/78SA	203	119,91
DRGM48/78SA-SET1-PL	206	149,99
DRK37/46G	207	69,99

Index	Page	EUR
DRK37/46W	207	69,99
DSN01	133	11,99
DSN02	133	11,99
DSN03	133	24,99
DSN04	133	29,99
DSN07	133	59,99
DSN07BL	133	64,99
DSN08	134	64,99
DSN08BL	134	69,99
E		
ELP20-NP71	121	11,99
EPP130GPA3	408	6,99
EPP180GPA3	408	6,99
F		
F02	339	3,39
F02E	339	3,69
F2G	361	4,29
F02M	339	9,99
F02V	339	3,99
F03	339	5,69
F03E	339	5,99
F3G	361	6,99
F03M	339	12,99
F03V	339	5,99
F04	339	13,99
F4G	361	17,99
F04M	339	24,99
F04V	339	14,99
F05	339	17,99
F5G	361	24,99
F05M	339	29,99
F05V	339	20,19
F06	339	8,99
F06E	339	8,49
F6G	361	9,99
F06M	339	14,99
F06V	339	9,99
F07	339	27,99
F7G	361	39,99
F07M	339	42,99
F07V	339	32,99
F08	339	54,99
F08V	339	54,99
F09	339	69,99
F09V	339	79,99
F10	339	109,99
F10V	339	129,99
F50	281	36,99
FCPERT16250	276	134,99
FCPERT16600	276	323,99
FCPERT17250	276	159,99
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FL8	307	379,99
FMDS20	332	35,99
FNTC	307	19,99
FPCL1632	280	29,99
FPCU1632	280	8,99
FPFA	280	139,99
FPPEX16250	276	172,99
FPPEX16600	276	413,99
FPPEX17250	276	197,99
FPPEX17600	276	473,99
FPTC	280	149,99
FS30	281	4,99
FSW	307	25,99
FSWL	307	42,99
FTE01	308	19,99
FTH1	308	18,99
FTHL	307	53,99
FTHW	307	48,99
G		
G01	239	2,13
G02	239	2,49
G02C	239	2,99
G05	239	2,49
G05R	239	9,99
G05S	239	9,99
G07	238	3,29
G07VL	237	5,99
G08	238	2,99
G93L20	424	0,79
G93P20	424	0,79
GB15	368	29,99
GB30	368	29,29
GB30SN01	368	39,99
GBM15	368	49,99
GBM15SN01	367	59,99
GBM25	368	49,99
GBM25SN01	367	59,99
GBM30	368	49,99
GBM30SN01	367	59,99
GBMW60	367	44,99
GBMW60SN01	367	54,99
GG3L20	424	0,49
GG3P20	424	0,49
GG4	424	0,19
GG4W	425, 457	0,99
GG5	431	0,19
GG7	430	0,99
GG7K	429	0,99
GG7M	430	0,99
GG8	430	0,39
GG8W	430	0,59
GG9P	430	23,99
GG10	459	0,29
GG34EKO	457	0,49
GG54EKO	458	0,49
GG77	429	0,99
GG77D	429	0,99
GG77DW	429	1,19
GG77M	429	0,69
GM1F-40GPA	302	249,99
GM1F-60GPA	302	249,99
GM1F-WP	302	199,99
GM40GPA	301	269,99
GM60GPA	301	289,99
GMP602GPA	399	349,99
GMPT60GPA	399	399,99
GM-WP	301	189,99
GP60GPA	399	289,99
GT1	237	44,99
GT1TRM	237	25,99
GT8	237	32,99
GT10	435	4,99
GT10E	435	5,49
GT11	435	6,99
GT11E	435	7,19
GT12	435	4,99
GT12-16	435	4,49
GT20B	436	5,49
GT30B	436	9,49
GT31B	436	9,99
GT32B	436	8,99
GT33B	437	11,49
GT34B	437	11,49
GT-LOCK1	431	0,49
GW1	238	3,99
GW1VL	237	6,99
GW2	238	2,99
GW2VL	237	6,99
I		
IC8THX20	396	139,99
IC8THX24	396	169,99
IC8THX30	396	209,99
IC9THX20	396	239,99
IC9THX30	396	279,99
IZTH	396	49,99
IZTH1	396	29,99
K		
K02C	386	1,29
K02Z	380	0,99
K03C	386	1,69
K03Z	380	1,49
K04C	386	2,99
K04Z	380	2,39
K05Z	380	3,89
K06Z	380	5,49
K07Z	380	7,49
K08Z	380	12,99

Index	Page	EUR
K09C	386	1,49
K09Z	380	1,19
K10C	386	3,19
K10Z	380	2,49
K11Z	380	3,99
K12C	386	1,99
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K18W	336	6,19
K20	336	2,09
K20W	336	2,29
K21	336	2,69
K21W	336	2,99
K22	336	4,49
K22W	336	4,99
K24	336	9,49
K24W	336	9,99
K25	336	12,99
K39	173	12,99
K39TW	173	1,99
K44	454	0,99
K44W	454	0,99
K45	454	1,49
K45W	454	1,59
K46	454	1,79
K46W	454	1,99
KCC1B	337	7,49
KCD1	314	8,99
KCD2	314	9,99
KCN1	313	4,79
KCN1E	313	4,99
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KCN2E	313	6,19
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KCN3E	313	10,89
KCPN1	314	4,69
KCPN1E	314	4,89
KCPN2	314	5,69
KCPN2E	314	5,89
KEYM2428-W	235	1,49
KFC1	312	3,49
KFC1E	312	3,69
KFC2	312	4,99
KFC2E	312	5,19
KFC3	312	7,99
KFC3E	312	8,19
KFC4	312	11,49
KFC5	312	18,49
KFC6	312	26,99
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KFC11E	312	3,89
KFC21	312	5,49
KFC21E	312	5,69
KFC31	312	8,49
KFC31E	312	8,69
KFC41	312	12,49
KFC51	312	19,99
KFC61	312	28,49
KFCM1	312	3,49
KFCM1E	312	3,69
KFCM2	312	4,99
KFCM3	312	7,99
KFCM11	313	3,79
KFCM11E	313	3,99
KFCM21	313	5,29
KFCM21E	313	5,49
KFCM31	313	8,49
KFCM31E	313	8,69
KFCS1	313	4,49
KFCS1E	313	4,69
KFCS2	313	6,99
KFCS2E	313	7,19
KFCS3	313	11,99
KFCS3E	313	12,19
KFM1SGK	328	6,49
KFM1SGPK	329	7,99
KFM2SGK	328	8,99
KFM2SGPK	329	11,99
KFMF1SGK	328	8,99
KFMF2SGK	328	12,99
KFMFZZ2SGK	329	14,49
KFP1	318	3,69
KFP1D	323	10,99
KFP1P	323	11,99
KFP2	318	5,19
KFP2D	323	12,99
KFP2P	323	13,49
KFP3	318	8,99
KFP4	318	13,99
KFP5	318	19,99
KFP6	318	29,99
KFP7	318	69,99
KFP8	318	109,99
KFP9	318	179,99
KFP10	318	3,49
KFP11	318	3,99
KFP21	318	5,49
KFP31	318	9,49
KFP41	318	15,99
KFP51	318	22,99
KFP61	318	34,99
KFP101	318	3,69
KFPM1	318	3,79
KFPM1SG	320	5,99
KFPM2	318	5,29
KFPM2SG	320	8,99
KFPM3	318	8,99
KFPM4	318	14,99
KFPM10	318	3,59
KFPM11	319	3,99
KFPM21	319	5,49
KFPM31	319	9,49
KFPM41	319	15,99
KFPM101	319	3,59
KFPMT1	321	5,29
KFPMT2	321	7,49
KFPN1	319	3,99
KFPN2	319	5,99
KFPN3	319	10,99
KFPO1	322	5,99
KFPO2	322	7,99
KFPO3	322	12,49
KFPO4	322	17,99
KFPO5	322	25,99
KFPO6	322	37,99
KFPOM1	322	6,49
KFPOM2	322	8,49
KFPOM3	322	12,99
KFPS1	320	5,69
KFPS2	320	8,99
KFPS3	320	15,49
KFPS3A	321	18,49
KFPS3T	320	18,49
KFPS4	320	24,99
KFPS11	319	5,69
KFPS21	319	8,99
KFPS31	319	15,49
KFPS41	319	24,99
KFPW1	322	6,49
KFPW2	322	8,49
KFPW3	322	12,99
KFPW4	322	18,99
KFPW5	322	26,99
KFPW6	322	39,99
KFPZF1	321	6,99
KFPZF2	321	9,99
KFPZF3	321	16,49
KFPZF4	321	26,99
KGMN1	358	4,29
KGMN1W	358	4,59
KGMN2	358	6,29
KGMN2W	358	6,69
KGMN3	358	9,99
KGMN3W	358	10,69
KGMN11	359	4,29
KGMN11W	359	4,49

Index	Page	EUR
KGMN21	359	6,29
KGMN21W	359	6,49
KGMN31	359	9,99
KGMN31W	359	10,99
KGMS1	359	3,99
KGMS2	359	5,99
KGMS3	359	9,99
KGMS11	360	3,99
KGMS21	360	5,99
KGMS31	360	9,99
KGN1	358	4,29
KGN1E	358	4,49
KGN2	358	6,19
KGN2E	358	6,39
KGN3	358	10,99
KGN3E	358	11,19
KGN4	358	18,99
KGN5	358	24,99
KGN6	358	44,99
KGN11	358	4,29
KGN11E	358	4,49
KGN11W	358	4,49
KGN21	358	6,19
KGN21E	358	6,39
KGN21W	358	6,39
KGN31	358	10,99
KGN41	358	18,99
KGN51	358	24,99
KGN61	358	44,99
KGS1	359	3,99
KGS2	359	5,99
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KMH1	325	5,49
KMH1E	325	5,89
KMH2	325	8,69
KMH2E	325	8,99
KMH3	325	12,99
KMH3E	325	13,19
KMH11	325	5,69
KMH11E	325	5,89
KMH21	325	9,49
KMH21E	325	9,53
KMH31	325	13,99
KMH31E	325	14,19
KMU100	260	0,99
KMU120	260	0,99
KMU140	260	1,19
KNPEX16	314	3,49
KNPEX16-BH	314	3,49
KNPEX16-BHE	314	3,69
KNPEX16E	314	3,69
KOR2Z	383	0,49
KOR3C	388	0,89
KOR3Z	383	0,69
KOR4C	388	1,29
KOR4Z	383	0,99
KOR4ZOR	297	1,29
KOR5Z	383	1,49
KOR5ZOR	297	1,99
KOR6Z	383	2,29
KOR7Z	383	3,39
KOR8Z	383	5,49
KORL40	249	1,99
KORSU42	249	0,49
KORSU42N	249	0,69
KORSZ51	249	0,59
KORSZ113	250	3,49
KORZ45N	249	0,69
KORZL52	249	1,99
KPH1	325	5,69
KPH1E	325	5,99
KPH2	325	8,49
KPH2E	325	8,69
KPH3	325	13,99
KPH3E	325	14,19
KPH4	325	18,99
KPH5	325	28,99
KPH6	325	44,99
KR107Z	384	7,49
KR165Z	384	12,99
KRN1	315	2,89
KRN1E	315	3,09
KRN2	315	3,09
KRN2E	315	3,29
KRN10	315	2,29
KRN10E	315	2,49
KRN101	315	2,29
KRN101E	315	2,49
KS18V	334	1,99
KS20V	334	0,59
KS21V	334	0,99
KS22V	334	1,49
KS24V	334	2,99
KS25V	334	3,99
KS251V	334	4,99
KS252V	334	5,99
KS253V	334	9,99
KSD15	355	18,99
KSD20	355	27,99
KSH1	326	8,25
KSH1E	326	8,40
KSH2	326	13,49
KSH2E	326	13,89
KSH3	326	19,99
KSH3E	326	20,24
KSP1	333	20,99
KSP1W	333	20,99
KSP2	333	12,99
KSP2W	333	12,23
KZ1	424	0,69
KZFH1	326	8,99
KZFH2	326	12,99
KZFH3	326	19,99
KZFH4	326	29,99
L		
LC2RDW20	305	5,49
LC2RDW25	305	5,49
LC10Y	298	4,49
LSD1	253	0,79
LSG1	253	0,79
LZ06YK	440	11,99
LZ06YKE	440	11,99
LZ06YKN	440	8,99
LZ06YKW	440	11,78
LZ07YK	440	11,99
LZ07YKE	440	11,78
LZ07YKN	440	8,99
LZ07YKW	440	11,99
M		
M01C	387	1,19
M01Z	382	0,89
M02C	387	1,49
M02Z	382	1,19
M03C	387	2,29
M03Z	382	1,89
M04Z	382	2,69
M05Z	382	3,99
M06Z	382	5,69
M07Z	382	10,99
M08C	387	1,29
M08Z	382	0,95
M09C	387	1,69
M09Z	382	1,39
M10Z	382	1,99
M11Z	382	1,89
M12Z	382	2,99
M13Z	382	3,69
M14Z	382	3,99
M15Z	382	5,99
M16Z	382	6,49
M17Z	382	6,69
M6304A	352	2,99
M6304R	352	2,99
M6306A	352	2,99
M6306R	352	2,99
M6310A	353	2,99

Index	Page	EUR
M6310R	353	2,99
MC20	369	32,99
ME018A	455	10,99
ME024A	455	11,44
ME080A	455	52,05
MKM2	456	0,39
MKM3	456	0,49
MKMKS1	456	0,44
MKMKS2	456	0,59
MKMKS3	456	0,59
MM10	223	24,99
MR-SET	292	14,99
MT20S	365	64,99
MT25S	365	69,99
N		
N02C	387	0,89
N02Z	382	0,69
N03C	387	1,19
N03Z	382	0,99
N04C	387	1,49
N04Z	382	1,29
N05Z	382	1,99
N05ZOR	293	7,99
N06Z	382	3,49
N07Z	382	3,99
N08Z	382	6,49
N09C	387	0,99
N09Z	381	0,79
N10C	387	1,49
N10PORT-C7NEW	295	4,99
N10Z	381	1,24
N10ZOR	296	1,99
N10ZORZL-C7NEW	296	3,99
N11C	387	0,99
N11Z	381	0,89
N12Z	381	1,59
N13Z	381	1,69
N14Z	381	2,69
N15Z	381	2,99
N16Z	381	3,99
N17Z	381	3,49
N18Z	381	4,99
N19Z	381	5,49
N20Z	381	5,49
N21Z	381	4,31
N100B	123	8,49
N110	118	44,99
N110-LA	221	49,99
N120	120	16,99
N130B	120	19,99
N160	118	49,99
N160BR	117	59,99
N170B	120	29,99
N170BL-B	117	34,99
N180B	119	24,99
N320	118	26,99
N334	115	32,99
N340	119	16,99
N343-LA	221	39,99
N343-LB	221	39,99
N350B	119	32,99
N365G	115	69,99
N365GM	115	54,99
N370	116	25,99
N370BL-B	117	26,99
N375	116	24,99
N375BL-B	116	25,99
NP21	109	54,99
NP21-BL	110	69,99
NP22	110	54,99
NP22-BL	111	69,99
NP23	107	64,99
NP23-BL	108	74,99
NP24	108	64,99
NP24-BL	109	74,99
NP25VL	102	74,99
NP26VL	102	74,99
NP45	106	69,99
NP46	107	69,99
NP47	104	109,99
NP47-BL	105	129,99
NP48	105	109,99
NP48-BL	106	144,99
NP71-BAG7U	99	99,99
NP71-TRM7U	94	139,99
NP74-BAQ7U	100	119,99
NP75SQ-TRV7U	93	199,99
NP75SQ-TRV7U-BL	94	249,99
NP75-TRV7U	92	189,99
NP75-TRV7U-BL	92	219,99
NP75-TRV7U-GM	93	299,99
NP78-BAG13U	98	159,99
NP79-BFI13U	98	189,99
NP80-BAQ13U	99	199,99
NP81-BVI7UVL	95	129,99
NP81-BVI7UVL-BL	95	149,99
NP81-BVI7UVL-GM	96	169,99
NP84-BTR7U	97	99,99
NP84-BTR7U-BL	97	119,99
NP92	103	79,99
NP92-BL	103	89,99
NP93	104	79,99
NP94VL	101	89,99
NP94VL-BL	101	99,99
NPG01	131	29,99
NPG04	131, 222	59,99
NP-POL1	121	6,99
NPT11	132	49,99
NPT11BL	132	54,99
NPT13	132	59,99
NPT13BL	132	64,99
NPT14	132	69,99
NPT14BL	132	79,99
N-RKPO-EXT	293	22,00
N-RKPP-EXT	293	26,00
N-RKPT-EXT	293	24,00
N-RO02S	289	64,99
N-RO03S	289	79,99
N-RO04S	289	89,99
N-RO05S	289	99,99
N-RO06S	289	119,99
N-RO07S	289	149,99
N-RO08S	289	159,99
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N-RO10S	289	179,99
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N-RO12S	289	219,99
N-RZP02S	289	69,99
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N-RZP13S	291	309,99
N-RZP14S	291	329,99
N-RZP15S	291	349,99
N-RZP16S	291	369,99
O		
O10A	428	5,99
O10AS	427	6,99
O15A	428	5,99
O15AH	428	4,29
O15AHW	428	4,49
O15AS	427	7,99
O15AS2	427	4,69
O15ASB	427	7,49
O15ASB2	428	3,99
O15ASE	427	7,99
O15M	426	1,99
O15MW	426	2,29
O18Y	426	0,59
O25ZSR-C7NEW	297	12,99
OG25AL	427	6,99
OG25ALE	427	6,99

Index	Page	EUR
OG25AP	427	6,49
OG25APE	427	6,99
OL1-70	167	89,99
OL1-70-BL	167	99,99
OL1-80	167	99,99
OL1-80-BL	167	109,99
OL70	166	89,99
OL70-BL	166	99,99
OL80	166	89,99
OL80-BL	166	99,99
OLE1-60	167	89,99
OLE1-70	167	99,99
OLP1-70	166	99,99
OLP1-70-BL	166	109,99
OLP1-80	166	89,99
OLP1-80-BL	166	109,99
OLSP1-60	165	159,99
OLSP1-60-BL	165	189,99
OLSP1-70	165	189,99
OLSP1-70-BL	165	179,99
OLSP1-80	165	169,99
OLSP1-80-BL	165	199,99
OLWS1	165	149,99
OLWS1-BL	165	159,99
ORGB12	254	0,49
ORGB38	254	0,49
ORGW12	254	0,39
ORGW34	254	0,49
ORGW6324	254	0,39
OSL1W	247	0,29
P		
P001AG	262	6,99
P06	240	3,99
P09	240	5,99
P10	235	4,99
P10C	388	1,19
P10Z	384	0,99
P13	234	4,99
P14	235	0,99
P15	240	4,99
P15C	388	1,29
P15Z	384	1,09
P20C	388	1,59
P20Z	384	1,29
P21	240	11,99
P22	240	0,79
P23	240	0,79
P24	234	4,99
P25C	388	1,79
P25Z	384	1,49
P30C	388	1,99
P30Z	384	1,79
P40C	388	2,49
P40Z	384	2,29
P50C	388	3,19
P50Z	384	2,59
P52	245	17,49
P57	241	1,39
P59	241	1,39
P60Z	384	3,19
P110C	388	1,49
P110Z	384	1,29
P115C	388	1,79
P115Z	384	1,52
P120C	388	1,99
P120Z	384	1,79
P125C	388	2,39
P125Z	384	2,01
P130C	388	2,79
P130Z	384	2,29
P140C	388	3,29
P140Z	384	2,99
P150C	388	3,99
P150Z	384	3,49
P160Z	384	3,99
P480	245, 344	3,99
P1014-W	234	4,99
P1314-W	234	5,49
PCH1	233	1,49
PCH1W	233	1,69
PCH2	233	1,19
PCH2W	233	1,29
PCH3VL	235	4,49
PCH4-K-W	233	4,49
PCH4VL	233	7,49
PCH5VL-K-W	233	4,99
PCH22BLW	234	1,81
PCH22W	234	1,59
PCH24BLW	233	1,59
PCH24VLBLW	233	4,27
PCH41VL	233	4,29
PKN11	136	12,99
PKN11BL	136	14,99
PKN12	136	14,99
PKN13	136	16,99
PKN13BL	136	19,99
PKN14	136	16,99
PKN14BL	137	14,99
PKN15	137	19,99
PKN15BL	137	19,99
PTS30	282	13,49
PUWG32	257	0,39
PUWG40	257	0,39
PWM40GPA3	408	5,99
PWR100GPA3	408	6,99
PWS1	347	1,68
PWS2	347	1,83
PWS3	347	1,98
PWS4	347	2,13
PWS01	347	1,76
PWS02	347	1,90
PWS03	347	2,05
PWS04	347	1,61
PWS5	347	2,27
PWS6	347	2,43
PWS7	347	2,58
PWS8	347	2,73
PWS9	347	2,88
PWS11	347	1,66
PWS20	347	3,17
PWS21	347	1,87
PWS30	347	3,62
PWS31	347	2,04
PWS40	347	4,36
PWS41	347	2,23
PWS51	347	2,41
PWS61	347	2,59
PWS62	347	3,03
PWS63	347	3,21
PWS64	347	4,20
PWS71	347	2,65
PWS72	348	2,41
PWS73	348	2,53
PWS74	348	2,71
PWS75	348	2,92
PWS76	348	3,13
PWS77	348	3,29
PWS78	348	3,67
PWS81	347	2,95
PWS82	348	1,75
PWS83	348	1,90
PWS84	348	2,04
PWS85	348	2,19
PWS86	348	2,50
PWS87	348	2,79
PWS91	347	3,13
PWS92	348	1,82
PWS93	348	1,96
PWS94	348	2,11
PWS95	348	1,61
PWS96	348	2,67
PWS301	347	3,87
PWS411	347	1,71
PWS511	347	3,43
PWS611	347	2,82
PWS711	348	2,30
PWS811	348	1,60
PWS911	348	1,67
R		

Index	Page	EUR
R01C	388	0,89
R01Z	383	0,79
R02	242	1,09
R02C	388	0,69
R02W	242	1,19
R02Z	383	0,59
R03	242	0,29
R03C	388	0,99
R03W	242	0,39
R03Z	383	0,89
R04	242	0,29
R04W	242	0,39
R04Z	383	1,39
R05	246	1,59
R05Z	383	2,09
R06Z	383	1,69
R07	242	0,39
R07W	242	0,49
R07Z	383	3,29
R08Z	383	2,29
R09Z	383	2,59
R10	242	6,88
R10W	242	6,99
R10Z	383	5,99
R11Z	383	5,89
R12Z	383	4,89
R13Z	383	3,49
R14Z	383	3,99
R15Z	383	4,49
R21W	243	0,99
R22W	243	2,69
R23W	242	0,99
R24W	242	0,69
R25BLW	243	1,81
R26BLW	243	2,66
R40	244	0,49
R50	244	0,49
R6630,11	225	39,99
R6640,11	225	44,99
R6650,11	225	49,99
R6650,44	228	70,87
R6655,11	226	59,99
R6660,11	225	64,99
R6660,44	227	69,99
R6670,11	225	74,99
R6676,44	227	134,18
R6680,11	225	79,99
R6683,11	226	88,63
R6699,11	227	160,49
R6699,44	227	399,99
R66404,44	228	89,99
R66550,11	226	89,99
R66800,11	226	97,48
R66813,44	227	149,99
R66830,11	226	99,99
RA501/8	426	1,19
RA501/10	426	1,49
RA502/5	426	0,79
RA502/8	426	0,99
RA502/10	426	1,19
RA502/15	426	1,29
RAIL1,0	121	8,99
RC15	365	36,99
RC15M	365	39,99
RC15S	365	18,99
RC15SM	365	19,99
RC20	365	39,99
RC20M	365	44,99
RC20S	365	18,99
RC20SM	365	19,99
RC25	365	59,99
RC25M	365	64,99
RC32	365	109,99
RC40	365	119,99
RC50	365	199,99
RDW200200	305	11,49
RDW200300	305	16,99
RDW200400	305	22,99
RDW250200	305	13,99
RDW250300	305	19,99
RDW250400	305	27,99
RG006	236	5,49
RG006W	236	5,99
RGB15	456	0,99
RGB16	456	0,99
RGB18	456	0,99
RGB20	456	0,99
RGB22	456	0,99
RGB25	456	0,99
RGB28	456	0,99
RGPC18	456	1,49
RGPC22	456	1,49
RKP1	454	0,49
RKP2	454	0,49
RKP3	454	0,69
RKP4	454	0,68
RKP5	454	1,99
RKP6	454	1,49
RKP7	454	3,99
RKP8	454	3,49
RKP9	454	5,52
RKP10	454	0,49
RKPO1-C7	295	2,49
RKPO-SET39	294	4,49
RKPP-SET39	294	9,49
RKPP-SET39P12	294	9,49
RKPP-T	295	7,99
RKPP-TP	295	7,49
RKPT1-C7	296	3,29
RKPT2	296	0,99
RKPT-SET39	294	4,99
RMD02	292	19,99
RMD03	292	29,99
RMD04	292	39,99
RMD05	292	49,99
RMD06	292	59,99
RN01Z	385	0,69
RN02Z	385	0,99
RN03Z	385	1,29
RN04Z	385	1,99
RN05Z	385	2,29
RN06Z	385	3,29
RN12	135	14,99
RN350	135	16,99
RN350BL	135	17,99
RN350K	135	24,99
RN350KBL	135	26,99
RO02S	290	64,99
RO03S	290	79,99
RO04S	290	94,99
RO05S	290	104,99
RO06S	290	119,99
RO07S	290	139,99
RO08S	290	149,99
RO09S	290	169,99
RO10S	290	189,99
RO11S	290	199,99
RO12S	290	219,99
ROS32	244	0,49
ROS32P	244	0,89
RPN02	291	32,99
RPN03	291	46,99
RPN04	291	59,99
RPN05	291	74,99
RPN06	291	84,99
RPN07	291	94,99
RPN08	291	109,99
RPN09	291	124,99
RPN10	291	134,99
RPN11	291	139,99
RPN12	291	159,99
RRPB15	456	0,99
RRPB16	456	0,99
RRPB18	456	0,99
RRPB20	456	0,99
RRPB22	456	0,99
RRPB28	456	0,99
RRPC15	457	1,29
RRPC16	457	1,29

Index	Page	EUR
RRPC18	457	1,29
RRPC20	457	1,29
RRPC22	457	1,29
RRPC25	457	1,29
RRPC28	457	1,29
RSHI02	400	439,99
RSHI03	400	649,99
RSI02	400	249,99
RSI03	400	299,99
RSI04	400	399,99
RSI05	400	469,99
RUB25	243	0,49
RUC19	243	0,89
RUC25	243	0,69
RZP02S	290	79,99
RZP03S	290	99,99
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RZP05S	290	129,99
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RZP07S	290	169,99
RZP08S	290	189,99
RZP09S	290	209,99
RZP10S	290	234,99
RZP11S	290	249,99
RZP12S	290	269,99
S		
S22-B	126	7,49
S22BL-B	127	7,99
S30	169	16,99
S30-BL	169	24,99
S66	129	19,99
S66BL	130	19,99
S75-B	127	10,99
S75BL-B	127	11,99
S100	128	6,99
S110	128	8,99
S110-LA	222	12,99
S115	128	9,49
S160	127	9,99
S170-B	126	7,99
S170BL-B	126	8,99
S175BL	126	6,99
S190VL-B	127	7,99
S280	168	39,99
S280-BL	168	54,99
S280G	168	49,99
S281	169	14,99
S282	168	26,99
S282-BL	168	39,99
S282G	169	39,99
S282NC	168	34,99
S283	171	10,99
S283-B	171	10,99
S283B	172	10,99
S283B-B	172	10,99
S283-BL-B	172	14,99
S283G	172	14,99
S283NC	172	12,99
S283-WBP	171	12,99
S283-WBP-B	171	13,49
S284	170	16,99
S284-B	170	14,99
S284-BL-B	170	19,99
S285	170	13,99
S285-B	170	13,99
S285B	171	13,99
S285B-B	171	13,99
S285B-BL-B	171	16,99
S285-BL-B	171	16,99
S285BR	170	17,99
S285G	171	16,99
S285NC-B	170	16,99
S285-WBP	170	14,99
S285-WBP-B	170	14,99
S286	169	34,99
S287PP-B	173	4,99
S288PPC	172	9,99
S288PPC-B	172	9,99
S288PPCB	172	9,99
S288PPCB-B	172	9,99
S289BL-B	173	4,99
S290BL-B	173	5,99
S300	128	8,99
S305	128	9,49
S310	128	10,99
S318	129	3,99
S330	129	4,49
S330BL-B	129	7,99
S334CR	126	12,99
S340	129	4,99
S340BL-B	129	7,99
S350-B	126	11,99
S500	127	12,99
SB375	121	14,99
SCCZ	251	1,19
SG1	389	2,29
SG2	389	2,89
SG3	389	4,49
SG4	389	2,29
SG5	389	3,49
SG6	389	5,49
SG7	389	7,49
SG8	389	9,49
SG9	389	10,99
SG10	389	13,99
SG11	391	3,69
SG12	391	5,99
SG13	391	10,99
SG14	391	16,99
SG15	391	24,99
SG16	391	44,99
SG17	392	4,49
SG18	392	11,49
SG19	392	8,49
SGC1	390	2,49
SGC2	390	3,19
SGC3	390	4,74
SGC4	390	2,79
SGC5	390	3,99
SGC6	390	5,99
SGC7	390	8,05
SGC8	390	10,29
SGC9	390	11,55
SGC10	390	14,66
SGK1	390	2,49
SGK2	390	4,49
SGK3	390	5,99
SGP1	390	1,59
SGP2	390	2,49
SGP3	390	3,99
SGT1	385	2,99
SGT2	385	4,99
SGU1	389	2,29
SGU2	389	2,69
SGU3	389	3,99
SGU4	389	2,59
SGU5	389	3,49
SGU6	389	5,49
SGU7	389	7,49
SGU8	389	9,49
SGU9	389	10,99
SGU10	389	13,99
SHI30	400	349,99
SHI45	400	349,99
SMU1	251	0,69
SMZ1	251	0,79
SMZ78	261	2,49
SN01	378	9,99
SN01W	378	10,99
SN-RO02S	286	64,99
SN-RO03S	286	79,99
SN-RO04S	286	89,99
SN-RO05S	286	99,99
SN-RO06S	286	119,99
SN-RO07S	286	139,99
SN-RO08S	286	149,99
SN-RO09S	286	159,99
SN-RO10S	286	179,99
SN-RO11S	286	189,99

Index	Page	EUR
SN-RO12S	286	199,99
SN-ROU02S	287	56,99
SN-ROU03S	287	69,99
SN-ROU04S	287	79,99
SN-ROU05S	287	89,99
SN-ROU06S	287	99,99
SN-ROU07S	287	109,99
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SN-ROU12S	287	169,99
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SN-RZP03S	286	89,99
SN-RZP04S	286	104,99
SN-RZP05S	286	129,99
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SN-RZP07S	286	159,99
SN-RZP08S	286	179,99
SN-RZP09S	286	199,99
SN-RZP10S	286	219,99
SN-RZP11S	286	239,99
SN-RZP12S	286	259,99
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SN-RZPU04S	287	94,99
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SN-RZPU07S	287	139,99
SN-RZPU08S	287	159,99
SN-RZPU09S	287	169,99
SN-RZPU10S	287	189,99
SN-RZPU11S	287	209,99
SN-RZPU12S	287	229,99
SNU60	251	0,59
SNZ30	251	0,49
SNZS	251	1,69
SPZ90K	250	7,99
SZN0	299	41,99
SZN1	299	47,99
SZN2	299	52,99
SZN2-170	299	57,99
SZN3	299	57,99
SZN4	299	62,99
SZN4-170	299	73,99
SZN5	299	68,99
SZN6	299	73,99
SZN6-170	299	83,99
SZP0	299	41,99
SZP1	299	47,99
SZP2	299	52,99
SZP3	299	57,99
SZP4	299	62,99
SZP5	299	68,99
SZP6	299	73,99
T		
T01	248, 459	0,29
T01C	386	1,69
T01Z	381	1,29
T02C	386	2,29
T02Z	381	1,89
T03C	386	3,99
T03Z	381	3,39
T04	248, 459	0,39
T04Z	381	4,99
T05	248, 459	1,49
T05Z	381	6,99
T06Z	381	9,29
T07Z	381	15,99
T08C	386	3,29
T08Z	380	2,49
T09Z	380	3,39
T10Z	380	3,99
T40120A	354	3,99
T63120A	354	3,49
T80120A	354	4,49
T100120A	354	4,99
TAM7	88	79,99
TB25	281	8,99
TB50	281	16,99
TBK25	281	10,99
TBK50	281	19,99
TC50	281	5,89
TIR001Z	455	14,99
TIR003Z	455	39,99
T-KUS,0	424	8,99
T-KUS,1	424	12,99
TM63A	354	8,99
TM80R	354	7,99
TNACZ	378	2,99
TRM7	88	69,99
U		
U01	125	1,89
U02	124	1,99
U03	124	2,99
U05	124	2,49
U28B	123	8,99
U33	124	8,99
U155G	122	24,99
U155GM	122	24,99
U170B	123	12,99
U170BL-B	123	14,99
U190VL-B	123	16,99
U300	122	16,99
U300-LB	222	19,99
U334	122	23,99
U365G	122	39,99
U500	122	19,99
U2106	124	3,69
U2170B	124	5,99
UCH-GP	401	9,99
UKPG1	259	1,49
UKPG2	259	1,49
UKPG3	259	1,49
UKPG4	259	0,99
UNI5W	377	39,99
UNI8W	377	39,99
UNI12W	377	39,99
UNI18W	377	39,99
UNI24W	377	44,99
UNI35W	377	79,99
UNI50S	377	149,99
UNI80S	377	219,99
UNI100S	377	329,99
UNI200S	377	599,99
UNI300S	377	869,66
USD6636	257	0,79
USD7144	257	0,79
USDZ1	458	0,52
USDZ1G	458	1,06
USDZ12	458	0,52
USDZ34	458	0,74
USG05	255	1,69
USGF12	256	0,39
USGF34	256	0,59
USGF38	256	0,37
USGG12S	256	0,59
USGG34S	256	0,69
USGG38S	256	0,69
USKD	257	0,49
USKS32	257	0,49
USKS40	257	0,49
USP12	256	0,49
USPD6031	258	0,79
USPD6431	258	0,79
USPD6617	258	0,79
USPD6636	258	0,79
USPD6817	258	0,79
USPD7024	258	0,79
USPD7144	258	0,79
USPG1	258	0,49
USPK	257	0,99
USPU54	258	0,49
USPZ64	258	0,49
USRD3225	252	0,69
USRD4025	252	0,69
USRD4032	252	0,69
USRD5025	252	0,79
USRD5032	252	0,79

Index	Page	EUR
USRD5032C	252	0,79
USRD5040	252	0,79
USRD5040C	252	0,89
USRD5045	252	0,99
USRD5632	252	0,89
USRD5645	252	0,89
USRD6032	252	1,29
USRD6045	252	1,29
USW1	458	0,59
USW34	458	0,49
USWP12	255	0,59
USWP34	255	0,59
USZBAT1	255	0,49
USZBAT2	255	0,59
USZP	256	0,59
USZWYL12	255	0,39
USZWYL34	255	0,39
UWOG	457	0,69
V		
VAL003	455	4,69
W		
W04	140	3,69
W05	139	6,29
W06	140	3,69
W07	139	7,49
W12	139	5,99
W13	140	5,49
W33	140	9,99
W34	140	9,99
W35	140	9,99
W40	138	9,49
W41	138	12,99
W42	138	7,49
W43	138	7,49
W44	139	6,49
W45	139	7,49
W47	139	7,29
W53	138	6,49
W54	138	6,49
W98B	232	13,99
W100B-B	230	14,99
W100P-B	230	18,10
W100S-B	230	14,99
W100W-B	230	14,99
W101B-B	230	15,99
W101P-B	230	15,99
W101S-B	231	15,99
W101W-B	231	15,99
W115C/2	232	6,99
W115S/2	232	6,99
W150F/4	232	8,99
W160C/2	232	7,99
W160C/4	232	7,99
W160S/2	232	7,99
W160S/4	232	7,99
W160Z/2	232	7,99
W180C/2	232	8,49
W180S/2	232	8,49
W200C/4	232	8,99
W200F/4	232	8,99
W200S/4	232	8,99
W250C/2	232	9,99
W250C/4	232	9,99
W250F/4	232	9,99
W250S/2	232	9,99
W250S/4	232	9,99
W250Z/2	232	9,99
W300C/2	232	10,99
W300C/4	232	10,99
W300S/2	232	10,99
W300S/4	232	10,99
WBS11	349	1,87
WBS12	349	1,90
WBS13	349	1,91
WBS14	349	2,15
WBS15	349	1,60
WBS17	349	1,76
WBS18	349	2,06
WBS19	349	2,08
WBS20	349	3,02
WBS21	349	1,69
WBS22	349	1,92
WBS23	349	2,01
WBS24	349	2,24
WBS25	349	2,09
WBS26	349	2,40
WBS27	349	2,55
WBS28	349	2,71
WBS29	349	2,86
WBS81	349	1,76
WBS82	349	2,08
WBS83	349	2,23
WBS84	349	2,38
WBS85	349	2,54
WBS86	349	2,69
WBS91	349	1,84
WBS92	349	1,99
WBS93	349	2,31
WC/BAMBUS	159	25,99
WC/BILA	162	19,99
WC/BILAMDF	162	24,99
WC/BLACK	161	37,99
WC/BOROVICE	159	25,99
WC/BRIZA	159	25,99
WC/BUK	160	25,99
WC/DELFIN	163	34,99
WC/DUB2	160	25,99
WC/DUBVELVET	159	34,99
WC/JASAN	159	25,99
WC/MEDVEDI	163	34,99
WC/MUSLELYRA	162	20,99
WC/ORECH	160	25,99
WC/ORECHLYRA	160	24,99
WC/PROVENCE	162	24,99
WC/SOFT3D	163	39,99
WC/SOFTJASAN	159	34,99
WC/SOFTLYRA	161	34,99
WC/SOFTMDF	161	39,99
WC/SOFTMUSLELY	161	34,99
WC/SOFTNATURE	163	34,99
WC/SOFTNEW	161	23,43
WC/SOFTORECHLY	160	39,99
WC/SOFTSTONE1	162	39,99
WC/SOFTSTONE2	162	39,99
WC/STENATA	163	34,99
WC/UNIVERSAL	161	19,99
WC/WENGE	160	24,99
WG0500	363	13,99
WG0750	363	14,99
WG1000	363	15,99
WG1250	363	18,99
WG1500	363	19,99
WG2000	363	22,99
WGK0500	363	19,99
WGK0750	363	19,99
WGK1000	363	21,99
WGK1250	363	24,99
WGK1500	363	24,99
WGK2000	363	29,99
WGN0500	363	13,99
WGN0750	363	14,99
WGN1000	363	15,99
WGN1250	363	17,99
WGN1500	363	19,99
WGN2000	363	24,99
X		
XD2	82	54,99
XD3	82	34,99
XD4	82, 193	44,99
XD5	83, 199	36,99
XD6	82	59,99
XD7	82	49,99
XD11	82	79,99
XD-SWITCH-H-Q	262	14,99
XR2	84	32,99
XR3	84	32,99
XR4	84, 193	29,99
XR5	84, 199	34,99
XR11	84	79,99

Index	Page	EUR
XR77	84	54,99
Z		
Z35	245	2,99
Z37	245	2,69
Z39	87	13,99
Z40	85	13,99
Z201	213	29,99
Z201R	213	32,99
Z211	215	34,99
Z220	174, 341	3,99
Z230	174, 341	4,29
Z240	174, 341	4,49
Z250	177, 245, 343	9,99
Z293	175, 342	8,99
Z293-BL	175, 342	10,99
Z293-G	175, 343	10,99
Z294	175, 342	8,99
Z294-BL	175, 342	10,99
Z294-G	175, 343	10,99
Z295	176, 342	6,99
Z295-BL	176, 343	9,49
Z295-G	176, 343	9,49
Z296	176, 342	6,99
Z296-BL	176, 343	9,49
Z296-G	176, 343	9,49
Z501	214	32,99
Z501R	213	42,99
Z502	215	27,99
Z503	214	42,99
Z503SQ	214	44,99
Z1212C	175, 342	5,49
Z1212G	174, 341	3,69
Z1212K	174, 341	3,19
Z1212KF	174, 341	3,89
Z1234C	175, 342	5,69
Z1234G	174, 341	3,69
Z1234K	174, 341	3,49
Z1234KF	174, 341	3,99
Z1238C	175, 342	5,49
Z1238G	174, 341	3,69
Z1238K	174, 341	3,19
Z1238KF	174, 341	3,99
Z1515	366	6,99
Z1515MF	366	6,99
Z1525	366	6,49
Z1525MF	366	6,99
Z1530	366	6,49
Z1530MF	366	6,99
Z1560	366	6,49
Z1560B	369	4,99
Z1560BE	369	4,99
Z1560MF	366	6,99
Z1580	366	9,99
Z1580B	369	4,49
Z2025	366	9,99
Z2030	366	9,99
Z2060	366	9,99
Z2060B	369	8,99
Z2080B	369	8,99
ZAS1Z	384	0,59
ZAS2C	388	0,89
ZAS2Z	384	0,69
ZAS3C	388	1,29
ZAS3Z	384	1,09
ZAS3ZU	297	1,30
ZAS4Z	384	1,59
ZAS4ZU	297	1,97
ZAS5Z	384	2,49
ZAS6Z	384	2,99
ZAS7Z	384	4,49
ZG2Y	439	4,99
ZG2YE	439	5,29
ZG2YU	438	5,28
ZG2YW	439	5,29
ZG5Y	439	4,49
ZG5YE	439	4,79
ZG5YU	438	4,99
ZG5YW	439	4,79
ZG32	252	0,69
ZG50	252	0,89
ZGB01	443	9,99
ZGB02	443	8,99
ZGB30AT	452	17,99
ZGB30BL	452	17,99
ZGB30CR	452	17,99
ZGB30WH	452	17,99
ZGB31AT	453	19,99
ZGB31BL	453	19,99
ZGB31CR	453	19,99
ZGB31WH	453	19,99
ZGC01	337	6,49
ZGC01W	337	6,49
ZGC02	337	9,99
ZGG1B	425	2,99
ZGG2B	425	4,49
ZGG3B	425	4,99
ZGV01	338	4,99
ZGV02	338	6,29
ZGV03	338	8,49
ZGV04	338	13,99
ZGV05	338	18,99
ZGV06	338	28,99
ZGV07	338	56,99
ZGV08	338	79,99
ZGV09	338	119,99
ZGYU1	443	9,99
ZGYU2	443	8,99
ZGZ01	337	5,69
ZGZ02	337	7,99
ZGZ03	337	11,99
ZGZ04	337	19,99
ZGZ05	337	28,99
ZGZ06	337	39,99
ZK1F20	330	23,99
ZK2F1520	330	39,99
ZK2Y	439	3,99
ZK2YE	439	4,19
ZK2YU	438	3,99
ZK2YW	439	4,19
ZL15CU15	278	3,49
ZL15PEX	278	4,49
ZL15PEXAL	277	4,49
ZL1501C	279	1,79
ZL1501N	279	1,79
ZL1601C	279	2,49
ZL1601N	279	2,49
ZM002	246	0,49
ZM002W	246	0,69
ZM003	246	0,49
ZM003W	246	0,69
ZM004	246	0,69
ZM004W	246	0,89
ZM005	246	0,69
ZM005W	246	0,99
ZMDB202T	260	2,29
ZMDB203M	260	3,99
ZMDB203T	260	4,49
ZMV32	397	26,99
ZMV33	397	34,99
ZMV34	397	59,99
ZMV35	397	69,99
ZMV42	397	25,99
ZMV43	397	34,99
ZMVA230	397	49,99
ZMWB	260	0,69
ZMWC	260	1,29
ZN15	365	22,99
ZN15M	365	24,99
ZNPD	258	0,89
ZNPDN	259	0,89
ZNSZ1	258	0,79
ZNSZ2	258	0,99
ZP2Y	439	4,49
ZP2YE	439	4,69
ZP2YU	438	4,49
ZP2YW	439	4,69
ZR1	398	7,49
ZR2	398	10,99

Index	Page	EUR
ZR3	398	13,99
ZR4	398	18,99
ZR110	252	1,39
ZRC1	401	34,99
ZS1K	336	4,99
ZS2K	336	6,99
ZS3K	336	9,99
ZS4K	336	13,99
ZSN1	315	3,69
ZSN2	315	5,49
ZSR1	297	4,99
ZSSN1	316	3,39
ZSSN1E	316	3,59
ZSSN10	316	3,29
ZSSN10E	316	3,49
ZSUN1	315	5,09
ZSUN1E	315	5,29
ZSUN2	315	7,49
ZSUN2E	315	7,69
ZSUN10	315	4,29
ZSUN10E	315	4,49
ZT2Y	434	5,99
ZT2YE	434	5,99
ZT2YS	434	5,99
ZT2YSW	434	5,99
ZT3Y	434	8,99
ZT5Y	434	6,99
ZT5YE	434	7,19
ZT5YS	434	5,99
ZT5YSW	434	6,19
ZT6Y	434	9,99
ZTD30AT	448	36,99
ZTD30BL	448	36,99
ZTD30CR	447	36,99
ZTD30WH	447	36,99
ZTM07	442	17,99
ZTM08	442	17,99
ZTM20	442	15,99
ZTM21	442	15,99
ZTM30AT	450	23,99
ZTM30BL	450	23,99
ZTM30CR	450	21,99
ZTM30WH	450	23,99
ZTM31AT	451	23,99
ZTM31BL	451	23,99
ZTM31CR	451	21,99
ZTM31WH	451	23,99
ZTMN01	441	16,99
ZTMN01-16	441	16,99
ZTMN02	441	16,99
ZTMN02-16	441	16,99
ZTO30AT	449	36,99
ZTO30BL	449	36,99
ZTO30CR	448	32,99
ZTO30WH	449	36,99
ZTT30AT	446	59,99
ZTT30BL	446	59,99
ZTT30CR	446	54,99
ZTT30WH	447	59,99
ZTV01	444	19,99
ZTV02	444	19,99
ZTV07	444	17,99
ZTV08	444	17,99
ZTV20	445	13,99
ZTV21	445	13,99
ZZ1	335	2,99
ZZ1E	335	2,99
ZZ1V	334	3,99
ZZ1W	335	3,19
ZZ2	335	3,99
ZZ2E	335	3,99
ZZ2V	334	5,49
ZZ2W	335	4,19
ZZ3	335	5,49
ZZ3E	335	4,99
ZZ3V	334	7,49
ZZ3W	335	5,59
ZZ4	335	8,99
ZZ4E	335	8,99
ZZ4V	334	11,99
ZZ5	335	13,99
ZZ5E	335	13,99
ZZ5V	334	16,99
ZZ6	335	18,99
ZZ6V	334	24,99
ZZ6W	335	19,19
ZZ7	335	32,99
ZZ7V	334	39,99
ZZ7W	335	33,19
ZZ8	335	39,99
ZZ8V	334	54,99
ZZ9	335	69,99
ZZ9V	334	99,99
ZZA01	366	5,99
ZZA01W	366	6,29
ZZA02	366	7,99
ZZA02W	366	8,19
ZZA03	366	10,99
ZZA03W	366	11,19
ZZA04	366	19,99
ZZA05	366	29,99
ZZA06	366	49,99
ZZK1	335	3,99
ZZK1W	335	3,99
ZZK2	335	5,49
ZZK2W	335	5,69
ZZK3	335	7,69
ZZK3W	335	7,89
ZZK4	335	13,99
ZZK5	335	18,99
ZZK6	335	29,99
ZZM1	335	3,49
ZZM1E	335	3,69
ZZM1V	334	3,99
ZZM1W	335	3,69
ZZM2	335	4,99
ZZM2E	335	5,19
ZZM2V	334	5,99
ZZM2W	335	5,19
ZZM3	335	6,69
ZZM3E	335	6,89
ZZM3V	334	7,99
ZZM3W	335	6,89
ZZM4	335	10,99
ZZM4E	335	11,19
ZZM4V	334	12,99
ZZM4W	335	11,19
ZZM5	335	15,99
ZZM5V	334	17,99
ZZM5W	335	12,99
ZZM6	335	26,99
ZZM6V	334	29,99
ZZM6W	335	26,99
20-SWITCH	262	7,99
26-SWITCH	262	5,49
41-SWITCH	262	9,99
65-SWITCH	262	4,99
0101W	413	64,99
0201W	414	54,99
0202W	414	59,99
0203W	414	54,99
0204W	415	59,99
0301W	415	99,99
0302W	415	64,99
0401W	416	99,99
450/900,1	422	49,99
450/900/R,1	421	49,99
450/1200,0	423	119,99
450/1200,1	422	59,99
450/1200/R,1	421	59,99
450/1200/RS,0	419	129,99
450/1200/RS,5	420	69,99
450/1600,0	423	139,99
450/1600/R,0	418	159,99
450/1600/RS,0	419	169,99
450/1600/RS,5	420	89,99
600/900,1	422	54,99
600/900/R,1	421	59,99

PRODUCT INDEX

Index	Page	EUR
600/1200,0	423	159,99
600/1200,1	422	59,99
600/1200/R,0	418	149,99
600/1200/R,1	421	89,99
600/1200/RS,0	419	149,99
600/1200/RS,5	420	69,99
600/1600,0	423	199,99
600/1600,1	422	79,09
600/1600/R,0	418	189,99
600/1600/R,1	421	99,99
600/1600/RS,0	419	189,99
600/1600/RS,5	420	89,99
600/1800/R,0	418	209,99
600/1800/RS,0	419	209,99
600/1800/RS,5	420	99,99
0601W	409	79,99
0602W	409	79,99
0603W	410	79,99
0604W	410	79,99
0605W	411	114,99
0606W	411	109,99
0607W	412	119,99
6803,0	157	8,99
6806,0	156	9,99
6825,0	157	19,99
6828,0	156	12,99
6833,0	157	14,99
6836,0	156	7,49
6838,0	157	9,49
6845,0	158, 224	34,99
6848,0	156	8,99
6853,0	157	18,99
6855,0	157	11,99
6856,0	156	4,49
6857,0	156	10,99
008001W	247	0,99
008003	247	2,99
008003W	247	1,89
008005	247	0,99
008005W	247	1,95
010001	247	1,69
010001W	247	1,49
018003	236	1,99
65540,1	149	29,99
65543,4	147	34,99
65548,4	147	10,99
65556,4	147	14,99
65564,4	148	34,99
65568,4	148	29,99
65575,4	148	64,99
65577,4	147	34,99
65578,4	147	34,99
65579,4	148	32,99
65580,1	148	32,99
65581,1	149	32,99
65582,1	148	59,99
65585,4	147	32,99
254130GPA3	404	99,99
254180GPA3	404	99,99
256130GPA3	405	99,99
256180GPA3	405	99,99
257180GPA3	406	124,99
326180GPA3	406	119,99
327180GPA3	407	129,99
67761500Y	278	3,69
67841612Y	278	4,99
67861612Y	277	4,99
67861712Y	277	5,99
69190000Y	279	0,99
69190001Y	279	0,99
91934010	308	18,99
91934020	308	25,99

DESCRIPTIONS OF THE ICONS USED

SANITARY FITTINGS & ACCESSORIES

BATHROOM FITTINGS



Eco+
Products with this sign use less water and energy compared to standard models.



FERRO AirMix
The faucet aerator with additional water aeration system. It allows you to use less water while maintaining the comfort of a rich stream.



Ferro Eco Save
Ferro Eco Save limiter allow water savings of up to 50%. Installed in shower mixers they reduce the water flow.



FerroClick
Hot water control system and full open flow control system.



Thermostatic mixer
The hot water lock protects against scalding and ensures a constant water temperature of 38°C.



Easy Clean
Spray handle nozzles and aerators made of plastic from which limescale deposits are easily removed.



AutoClean
The function of automatic removal of limescale from shower handle nozzles



AIR-IN System
The spray handle aeration system, thanks to which we save water while maintaining the comfort of a large jet.



Click-clack
Products with this icon come with a click-clack plug, which can be opened and closed by pressing it.



Pull-out shower handle
Mixer with pull-out shower handle.



Two sources
The product allows you to connect and use two water outputs.



Slim Design
Rainshower plate with a modern low profile.



Adjustable spray angle
Infinitely adjustable setting of the angle of the rainshower plate



Multiple types of jet
Possibility to change the type of stream.



Anti Twist
Hoses with an Anti-Twist tip do not twist.



Vertical adjustment
Vertical adjustment of the mounting bar.



Horizontal adjustment
Adjusting the distance of the bar from the wall



Safe Touch System
The faucet body does not heat up when using hot water.

KITCHEN FITTINGS



Cold Start
This function allows you to run cold water in one movement, thus saving energy and increasing your comfort, whenever you want to quickly fill a vessel with cold water.



Shower / Spray
A mixer with the ability to switch between two types of spray.



Pull-out spout
The spout with pull-out hose increases the comfort of filling high vessels and allows for precise washing and rinsing.



Flexible spout
The spout can be freely controlled to precisely direct the jet when rinsing or filling dishes.



Rotational spout
The spout rotates 360 degrees.



Foldable spout
The mixer is designed to be installed in front of a window, the folding spout allows it to be opened.



Two spouts
A product with two independently controlled spouts.



Mixer for unpressurised, flow-through water heaters



Mixers with filter for water



Reversible sink
Mounted with drainer on left or right side.



Cork plug in the set
Cork plug complete with sink.



Siphon trap included
Products equipped with a siphon.

INSTALLATION AND HEATING TECHNIQUE



Product warranty period expressed in years. The number placed in this sign informs about the warranty years for the product.



Individual packaging
Product in individual packaging with a barcode for retail sale.



Nickel FREE
All product elements which may have contact with potable water are not covered with nickel.



Filter



Neodymium magnet



Check valve

PARAMETERS



Pressure



Maximum temperature



Minimum temperature



Full flow valve

MEDIA VALVES

Water

Gas

Compressed air

Glycol

USED MATERIALS

CW617N-4MS brass
the latest hygienic standard

AISI304 Stainless steel

CW617N brass

PIPING

Copper pipes

Homogeneous pipes

Multilayer pipes

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W1 • 2/2025