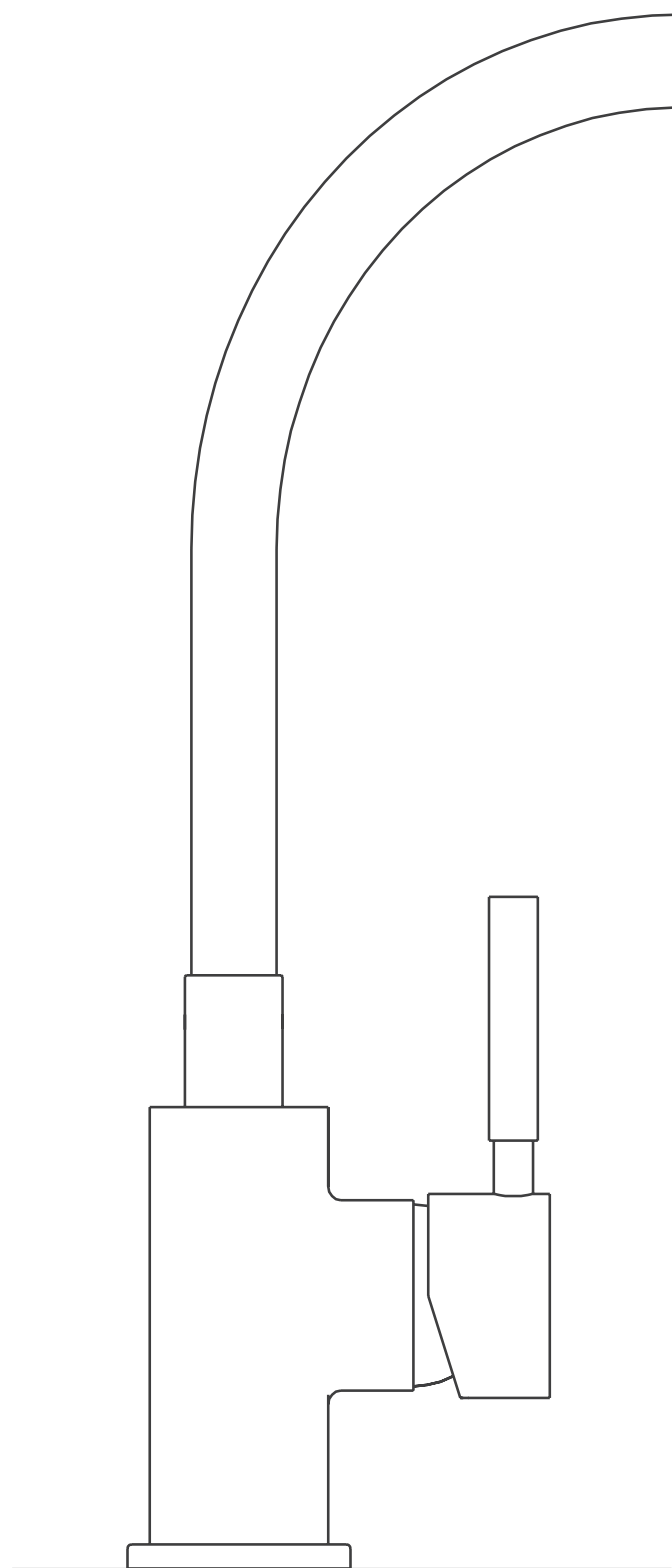
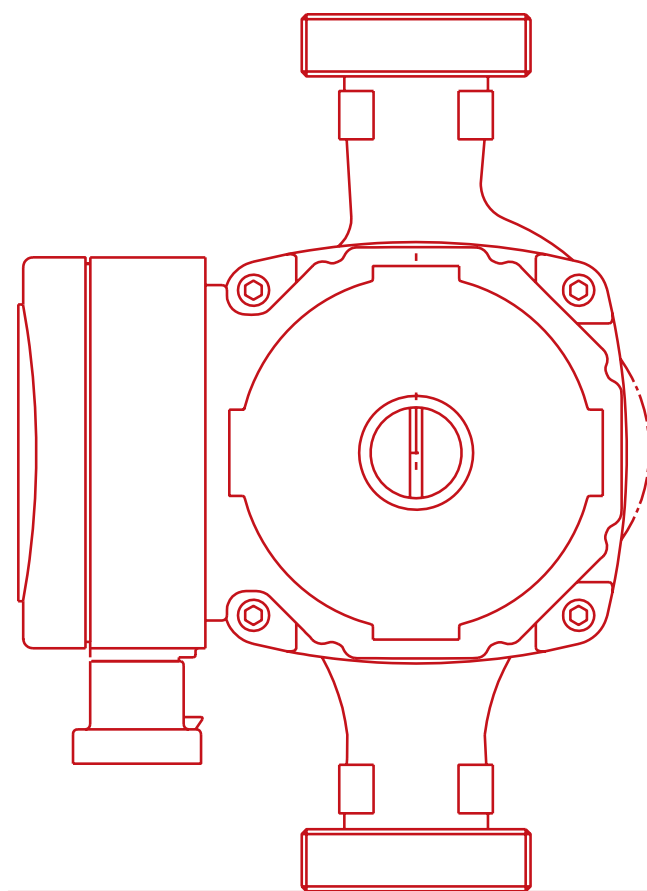


CATALOGUE 2024



**SANITARY FITTINGS
& ACCESSORIES**



**HEATING SOLUTION
& INSTALLATION**

More than you expect

Ferro sanitary fittings have been expanded to include a whole range of interesting new products that respond to the needs of users and market trends. These are products with interesting designs, fashionable finishes, faucets, showers and accessories refined in small details, enabling easy use and care. Ferro's new products will certainly meet consumer expectations, and their quality will ensure long-term, failure-free use of the devices.



CATALOGUE

2024

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450 SPARE PARTS

CUMULUS

Kitchen comfort

The elegant Cumulus kitchen faucet is a model with a high spout, which allows for unrestricted comfort of work. Cumulus has a retractable spout, thanks to which you can easily fill a kettle or a pot, for example. The minimalist design of the faucet with a delicately marked handle and a gently profiled spout fits perfectly into the modern style kitchen decor.





RITTO

A touch of modernity

A series designed to fit into modern interiors due to the simplicity of the handle, but not only that. Thanks to the roundness of the body and the proportions of the body, Ritto retains a universal character and will work well in more classic interiors. Two finishes of the collection allow for adjustment to individual preferences of users and style.





Welcome to the world FERRO GROUP

The FERRO Group is one of the largest manufacturers of sanitary and plumbing fixtures in Central and Eastern Europe with nearly 30 years of experience in the industry. Thanks to its commitment to high product quality and its mission to meet customer needs for a safe and well-functioning home, Ferro products are present in millions of places. Every year we introduce new products to the market, which ever better meet the expectations of even the most demanding customers.

The vision, mission and values set the direction in which we are going, inspire us in our daily work, define our way of functioning and approach to customers, employees, business partners and shareholders.

A good understanding of individual markets and their needs has enabled us to gain the trust of our customers and dynamic international expansion. Consistent investment in modern technologies based on the philosophy of sustainable development makes us offer attractive design and quality products for many market segments. As Ferro Group, we desire to develop a leading position in the field of bathroom and kitchen solutions and offer professional installation systems. We want to accompany our customers at every stage of contact with the product - from inspiration, through efficient delivery, to failure-free use.

The FERRO Group maintains its position as market leader thanks to its numerous advantages and market advantages.



Stable and secure position of the company

The Group owns several product brands, including Ferro, Metalia and Titania, which gives it a significant competitive advantage and ensures a strong market position. FERRO cares about maintaining standards of operation and continuous development of the range of high quality products, which allows to maintain a wide range of customers, increase confidence in the brand and maintain a stable market position.



Large-scale operations

In addition to its activities in Poland, the FERRO Group offers its products in Europe and on numerous foreign markets, becoming one of the largest manufacturers of sanitary and plumbing fixtures in Central and Eastern Europe. Our products are produced at the Czech factory NOVASERVIS in Znojmo as well as several other factories in Europe and Asia.



High quality of products

The FERRO Group is constantly striving to achieve the best possible quality parameters. FERRO places particular emphasis on meeting the requirements of the applicable standards, maintaining high technical parameters, safety and functionality of its products. This is emphasized by the fact that the FERRO Group has implemented the ISO 9001:2008 Quality Management System. Thanks to special attention to quality, our company has been repeatedly awarded and honoured for the high quality of products by the environment and industry institutions and reputable industry magazines.

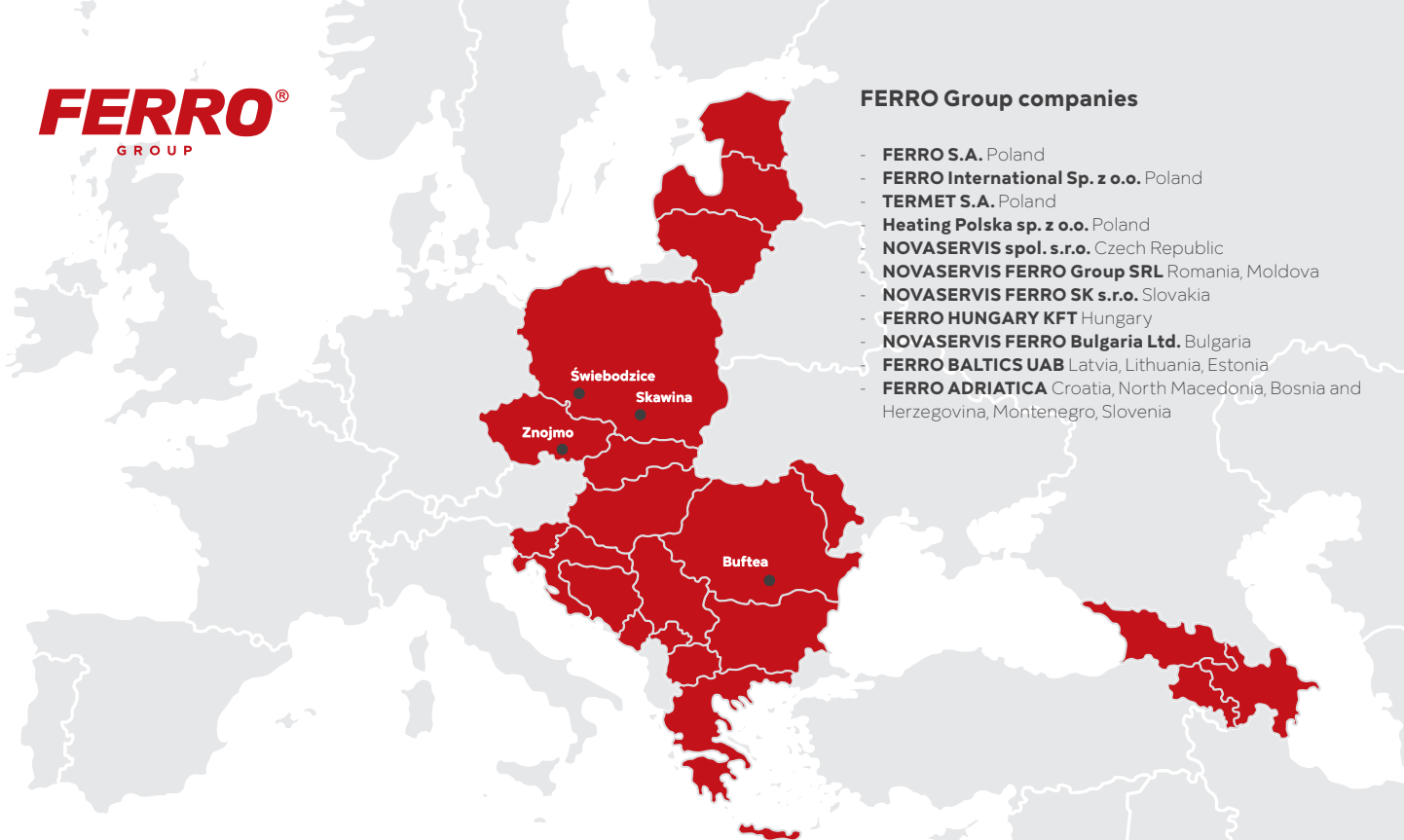


Exceptional team

Our company and its success is made up of People, considered to be 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.

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



Ferro Group's activities on the European market are performed by local distribution companies and local sales force

Thanks to this, the company perfectly recognizes the needs of the market and adapts its activities to the local specifics. The flexibility and local activity, combined with the global opportunities offered by the Group, make Ferro Group today the leader in the sanitary and heating technology sector in Europe. Consistent implementation of the vision of international development results in an increasing expansion of Ferro Group into new markets.



FERRO headquarters in Skawina

The history of the FERRO Group since its foundation is connected with the south of Kraków, for many years the company's headquarters have been located in Skawina, a town near Kraków. The strength of the Ferro brand is the excellent quality of the products manufactured in the Czech factory on the basis of the European standards of technology and work organization, as well as the constantly updated and extended assortment comprising several thousand unique products offered in 25 categories: from bathroom and kitchen mixers and sinks, to water and measurement fittings, radiators, pumps and heating controls, and from 2021 also gas boilers, provided to both individual customers and institutional recipients - developers, property managers, tenants.



Production plant and logistics centre in Znojmo (Czech Republic)

Our brands

We listen to the needs of our customers and create for them high quality products under brands: **Ferro, FDesign, Nobless, Metalia, Titania and Termet**. Each brand responds to the needs of different groups of customers, and all of them have been created to facilitate everyday life and guarantee safe, comfortable and functional interiors of every house.

The global brand

FERRO
GROUP

Group brands

novaservis
FERRO GROUP



Production plant and logistics centre in Świebodzice

Product brands belonging to the FERRO Group

FERRO

NOBLESS

METALIA

TITANIA

FDESIGN

termet



SANITARY FITTINGS & ACCESSORIES



**BATHROOM
MIXERS**
22



**SHOWER
PROGRAMMES**
87



**BATHROOMS
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**SANITARY
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**KITCHEN
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**SPECIALIST
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**ACCESSORIES
AND SPARE PARTS**
236

Design and ergonomics

FERRO products are characterized by high quality, innovation and perfect design. This is evidenced by numerous awards and distinctions awarded by industry circles and prestigious interior design magazines. Our products are part of everyday life, accompany our customers, and contribute to their well-being and comfort of life. By providing heating and sanitary solutions, we care about the safety of use, functionality and comfort of the customer, his satisfaction is the only true measure of success.



**DESIGN
DLA KONESERA**
PIĘKNO INNOWACJA PRESTIŻ
2019

Among the wide range of FERRO products, we can find real gems of design, which are appreciated during competitions and industry plebiscites.



↑ Wall-mounted bath mixers with a folding spout that also functions as a shower switch

Zicco - page 35

Vitto Verdeline - page 57, 58



↑ Wall-mounted sink mixer with a flexible spout that allows you to set it in any shape so that we can freely adjust the direction of the water stream

Algeo - page 54, 196

Details are what matters

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. We strive to ensure that our products are in line with European trends, while guaranteeing quality and durability highly appreciated by our customers.



Safety and quality are our priorities, which is why we care about the certification of products and processes in certification bodies valued in Europe. All mixers are safe to use and have the approvals of the Polish hygiene facility.



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 Polish PN and European PN-EN series standards and the procedures related to the Quality Management System.



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 faucets 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.

Take care of the future

You can start saving water by changing your daily habits and by equipping your kitchen and bathroom with special fittings to reduce water consumption. Become eco-friendly today – the best way to take care of yourself and your loved ones tomorrow.



Ecology the Ferro Way



Innovation and the promotion of eco-friendly solutions in bathroom furnishings has been our goal invariably for more than a dozen years. The long road and modification of these solutions has brought us to the forefront of manufacturers offering water-saving products. It is important to bear in mind the importance of choosing Verdeline products in terms of long-term use, reducing water and energy costs. On Ferro's dedicated Water Saving website, each user can calculate the amount of real savings based on their approximate water consumption and cost in their location.



Eco-friendly
products



Ferro Air Mix
Aerator



Ferro
Eco Save



AIR-IN
System

Verdeline product range:

38 Alba Verdeline
39 Tiga Verdeline
56 Vitto Verdeline
98 Kanto Verdeline
99 Amiga Verdeline
99, 118, 123 Amigo Verdeline

3 SIMPLE RULES:

USE
SAVE
CONSERVE

BVI2VLBL Standing washbasin mixer
BVI2LVLBL Standing counter washbasin mixer

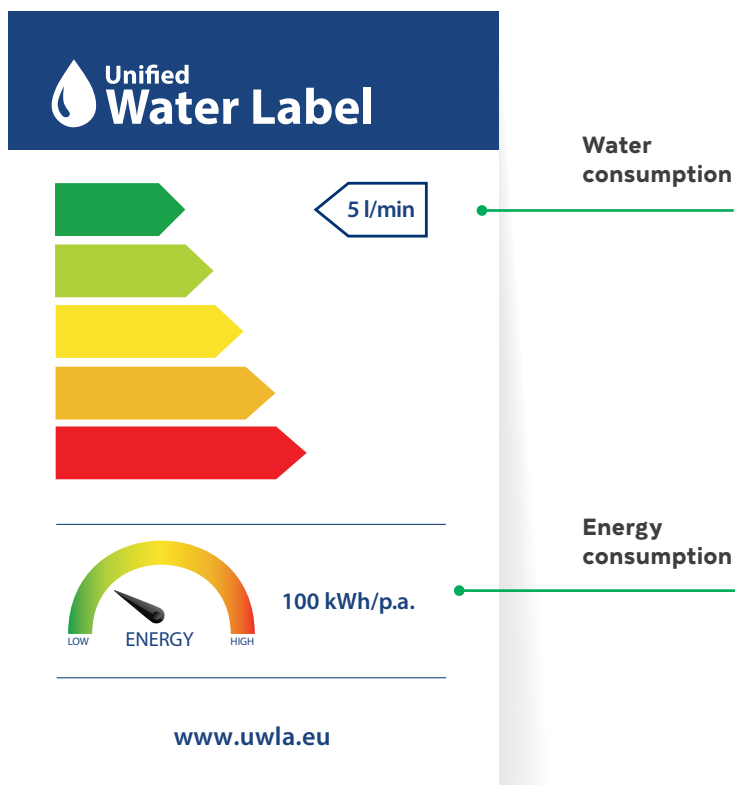


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New quality in saving

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:

- 38** Alba Verdeline
- 39** Tiga Verdeline
- 56** Vitto Verdeline
- 213** Sirocco Sensor
- 213** Sirocco Sensor Pre-Mixed
- 213** Sirocco Sensor Power-Safe
- 214** Sirocco Sensor Power-Safe Pre-Mixed





BV11VLBL
N375BL-B
AGR09BL
AGR33BL
AGR14BL

Vitto Verdeline wall-mounted bath mixer
 Phila sliding shower set
 Greta single towel rail
 Greta toilet paper holder
 Greta toilet brush

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
30



ZICCO
34



ALBA VERDELINE
38



TIGA VERDELINE
39



ALGEO SQUARE
41



STILLO
67



SMILE
69



FERRO ONE
71



SAVIO
74



ISSIO
75



THERMOSTATIC MIXERS
86

WHITE-CHROME

BLACK-CHROME

BLACK



ADORE
28



ALGEO SQUARE
44



STRATOS
33



ZICCO
36



ALGEO
55

GOLD

BRIGHT GOLD



VITTO VERDELINE
60



FIESTA
48



FIESTA
45



ALGEO
50



VITTO VERDELINE
56



RITTO
62



VASTO
64



BASIC
77



RETRO NEW
80



RETRO
82



STANDARD
84

BLACK

OLD BRONZE

BLACK-GOLD



VITTO VERDELINE
58



RITTO
63










ANTICA
79



VITTO VERDELINE
61

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
28	Adore						•	•
30	Stratos							•
34	Zicco				•			•
38	Alba Verdeline	•	•	•		•		•
39	Tiga Verdeline	•	•	•	•	•		•
41	Algeo Square				•		•	•
45	Fiesta				•			•
50	Algeo				•		•	
56	Vitto Verdeline	•	•	•		•		•
62	Ritto				•			
64	Vasto				•			
67	Stillo				•			
69	Smile				•			
71	Ferro One				•			•
74	Savio				•			
75	Isso				•			
77	Basic				•			
79	Antica				•			
80	Retro New				•			
82	Retro				•			
84	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									
no.	Series name	chrome	black-chrome	black	white-chrome	old bronze	gold	bright gold	black-gold
28	Adore		●		●				
30	Stratos	●		●					
34	Zicco	●		●					
38	Alba Verdeline	●							
39	Tiga Verdeline	●							
41	Algeo Square	●	●						
45	Fiesta	●						●	
50	Algeo	●		●					
56	Vitto Verdeline	●		●			●		●
62	Ritto	●		●					
64	Vasto	●							
67	Stillo	●							
69	Smile	●							
71	Ferro One	●							
74	Savio	●							
75	Isso	●							
77	Basic	●							
79	Antica					●			
80	Retro New	●							
82	Retro	●							
84	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.

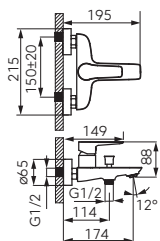
Bright gold

Durable PVD coating in bright gold colour.

Gold-black

A combination of matt black and bright gold

			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack metal drain plug • M24x1 aerator • G3/8 - M10x1 flexible connections 	white-chrome	BDR2
			Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections 	white-chrome	BDR2L
			Built-in washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 190 mm spout with M24x1 aerator 	white-chrome	BDR3PA
			Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 	white-chrome	BDR6
			Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	white-chrome	BDR7
			Built-in shower mixer <ul style="list-style-type: none"> • 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



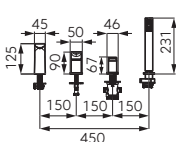
Description

Colour

Index

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

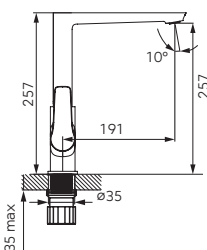


Multiple-hole bath mixer

white-chrome

BDR11A

- ceramic cartridge
- ceramic bath/shower switch
- pull-out shower handle
- spout with M24x1 aerator
- flexible connectors included
- standing assembly




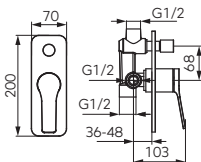

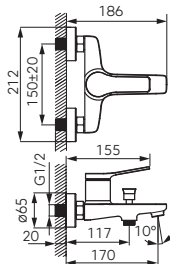
Standing sink mixer

white-chrome

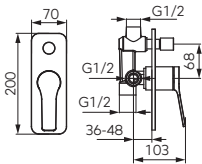
BDR4

- ceramic cartridge
- single hole assembly
- M24x1 aerator
- swivel spout
- flexible connections
G3/8 - M10x1

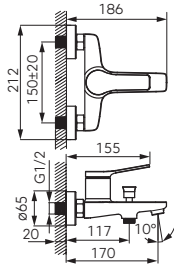
		Description	Colour	Index
		 Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack metal drain plug • M24x1 aerator • G3/8 - M10x1 flexible connections 	chrome	BSC2
		Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections 	chrome	BSC2L
		Built-in washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 aerator 	chrome	BSC3PA
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BSC6
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BSC7
		Build-in shower mixer <ul style="list-style-type: none"> • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection 	chrome	BSC7PA

		Description	Colour	Index
		Build-in shower mixer <ul style="list-style-type: none">• 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
		Wall-mounted bath mixer <ul style="list-style-type: none">• 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


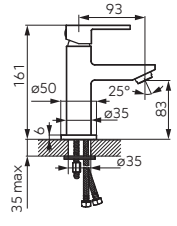


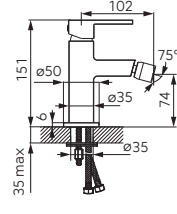

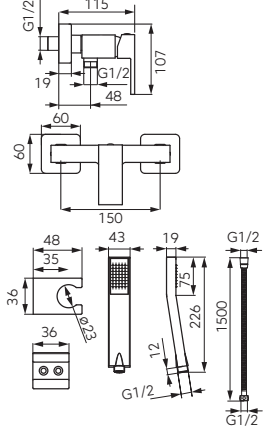

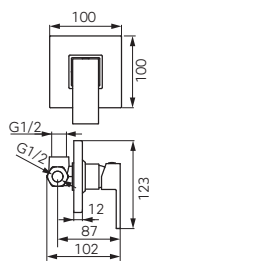

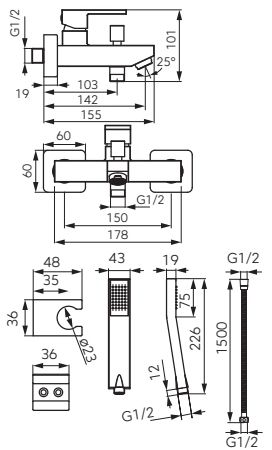
		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 aerator• G3/8 - M10x1 flexible connections	black	BSC2BL
		Standing counter washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 aerator• G3/8 - M10x1 flexible connections	black	BSC2LBL
		Built-in washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• a set of concealed and surface mounted components• wall-mounting• 180 mm spout with M24x1 aerator	black	BSC3PABL
		Bidet standing mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 aerator with ball joint• G3/8 - M10x1 flexible connections	black	BSC6BL
		Wall-mounted shower mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection• shower set not included	black	BSC7BL
		Build-in shower mixer <ul style="list-style-type: none">• 1-function• a set of concealed and surface mounted components• wall-mounting• ceramic cartridge• G1/2 connection	black	BSC7PABL

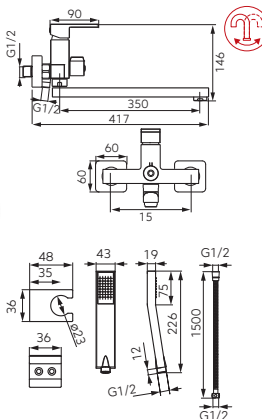
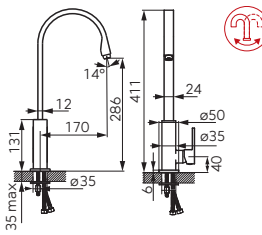


Description	Colour	Index
Build-in shower mixer <ul style="list-style-type: none"> • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output 	black	BSC7PBL

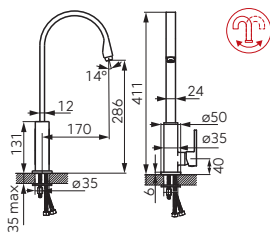


	black	BSC1BL
Wall-mounted bath mixer <ul style="list-style-type: none"> • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 aerator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included 		


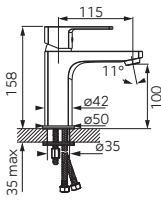






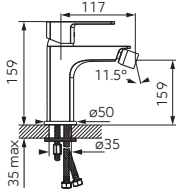




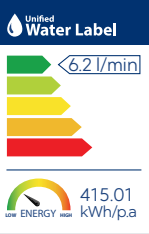

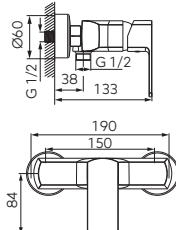



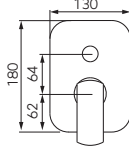



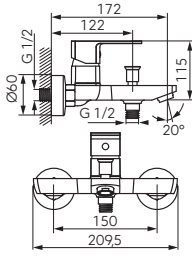


		Description	Colour	Index
			Standing washbasin mixer	chrome BZI2
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 		
			Bidet standing mixer	chrome BZI6
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 		
			Wall-mounted shower mixer	chrome BZI77
		<ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 		
			Build-in shower mixer	chrome BZI7PA
		<ul style="list-style-type: none"> • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection 		
			Wall-mounted bath mixer	chrome BZI11
		<ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm 		


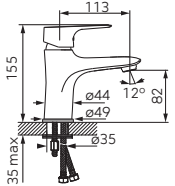






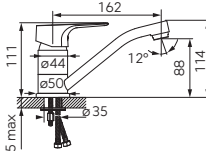






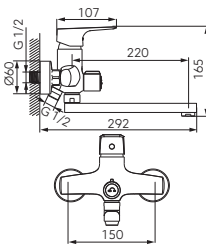


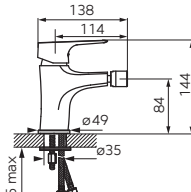






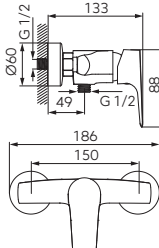



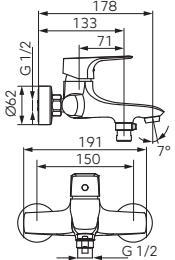


		Description	Colour	Index
		Zicco wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none"> • with spot shower • foldable spout which at the same time serves as a shower switch • ceramic cartridge • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BZI11R
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BZI4

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	black	BZI2BL
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 	black	BZI6BL
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	black	BZI7BL
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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
		Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none"> • 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


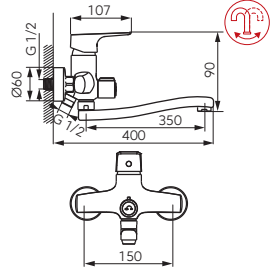

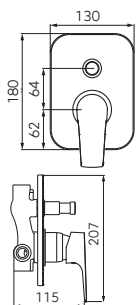




Description	Colour	Index
<p>Standing sink mixer</p> <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M18x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	black	BZI4BL


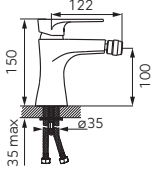

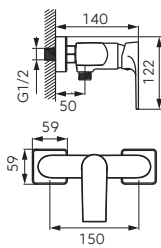

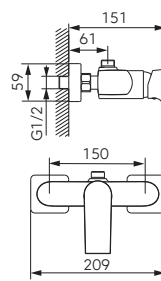

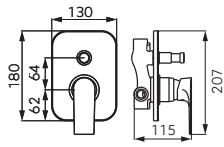

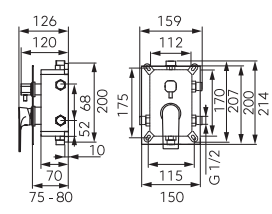

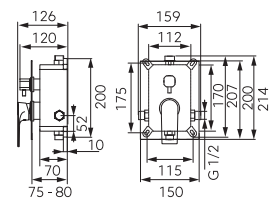
			Description	Colour	Index	
		   	Standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• FerroAirMix M24x1 aerator• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• G3/8 - M10x1 flexible connections	chrome	BLB2VL	
		   	Bidet standing mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 automatic drain plug• FerroAirMix M22x1 aerator• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• G3/8 - M10x1 flexible connections	chrome	BLB6VL	
		 	Wall-mounted shower mixer <ul style="list-style-type: none">• 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	
		 	Build-in shower mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted bath mixer <ul style="list-style-type: none">• 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	


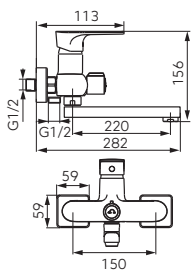
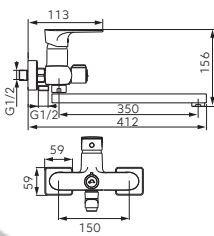


			Description	Colour	Index	
		   	Standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• FerroAirMix M24x1 aerator• Ferro Easy Clean System- easy limescale removal• G3/8 - M10x1 flexible connections	chrome	BTG2VL	
		   	Standing washbasin mixer with swivel spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System- easy limescale removal• swivel spout• G3/8 - M10x1 flexible connections	chrome	BTG2AVL	
			Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none">• 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	
		   	Bidet standing mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted shower mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted bath mixer <ul style="list-style-type: none">• 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	

TIGA VERDELINE

		Description	Colour	Index
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none">• 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
		  Build-in shower mixer <ul style="list-style-type: none">• 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	BTG7PVL




			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAQ2
			Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAQ2L
			Built-in washbasin mixer, 18 cm spout <ul style="list-style-type: none"> • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 flow regulator 	chrome	BAQ3PA18
			Built-in washbasin mixer, 22 cm spout <ul style="list-style-type: none"> • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 220 mm spout with M24x1 flow regulator 	chrome	BAQ3PA22
			Built-in bidet mixer <ul style="list-style-type: none"> • 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 		BAQ66P


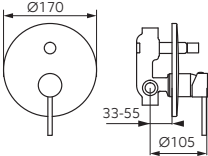

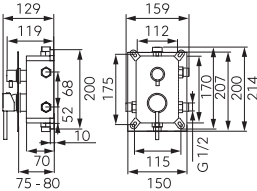

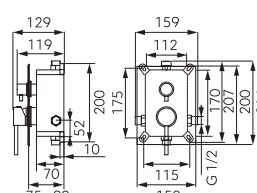

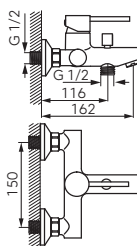

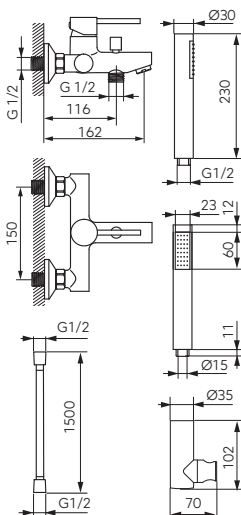
		Description	Colour	Index
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BAQ6
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BAQ7
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection - upper fitting • shower set not included 	chrom	BAQ7U
		Build-in shower mixer <ul style="list-style-type: none"> • 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
		Build-in shower mixer - box kit <ul style="list-style-type: none"> • 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
		Build-in shower mixer - box kit <ul style="list-style-type: none"> • 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


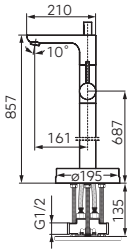

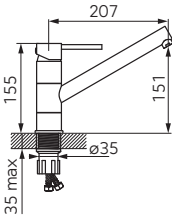

		Description	Colour	Index
		Wall-mounted bath mixer <ul style="list-style-type: none"> • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included 	chrome	BAQ1
		 Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		 Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		  Multiple-hole bath mixer <ul style="list-style-type: none"> • ceramic cartridge • ceramic bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included • standing assembly 	chrome	BAQ11A
		 Built-in bath mixer <ul style="list-style-type: none"> • 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
		 Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BAQ4


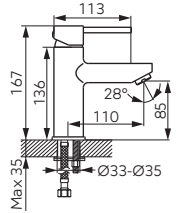


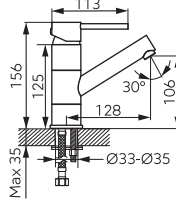


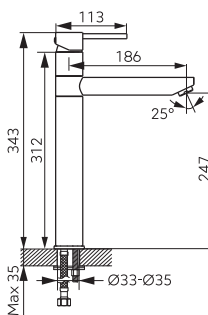


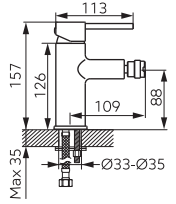

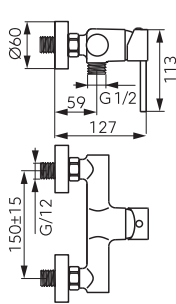

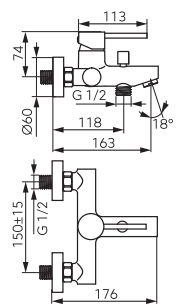
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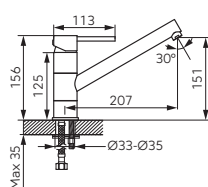
		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	black-chrome	BAQ2BLC
		Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	black-chrome	BAQ2LBLC
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	black-chrome	BAQ6BLC
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	black-chrome	BAQ7BLC
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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

			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BFI2
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BFI2A
		 	Standing washbasin mixer with flexible spout <ul style="list-style-type: none"> • ceramic cartridge • M22x1 flow regulator • single hole assembly • flexible connections G3/8 – M10x1 • possibility to freely shape the spout 	chrome	BFI2FB
			Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BFI2L
			Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BFI6
			Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BFI7

		Description	Colour	Index
		Build-in shower mixer <ul style="list-style-type: none">• 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	BF17P
		Build-in shower mixer - box kit <ul style="list-style-type: none">• 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	BF17P3BOX
		Build-in shower mixer - box kit <ul style="list-style-type: none">• 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	BF17P2BOX
		Wall-mounted bath mixer <ul style="list-style-type: none">• 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	BF11
		Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none">• with spot shower• ceramic cartridge• automatic bath/shower switch with a lock• M24x1 flow regulator• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BF111 NEW

		Description	Colour	Index
 		Freestanding bath mixer <ul style="list-style-type: none"> • 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
	 	 Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BFI4

			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 gold metal click-clack • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	bright gold	BFI2G
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • swivel spout • ceramic cartridge • single hole assembly • M18x1 flow regulator • G3/8 - M10x1 flexible connections 	bright gold	BFI2AG
			Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	bright gold	BFI2LG
			Bidet standing mixer <ul style="list-style-type: none"> • 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
			Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included <p>For the mixer, we recommend shower set in gold color, N365G sliding set or U365G spot set</p>	bright gold	BFI7G
			Wall-mounted bath mixer <ul style="list-style-type: none"> • ceramic cartridge • automatic bath/shower switch with a lock • M28x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included <p>For the mixer, we recommend shower set in gold color, N365G sliding set or U365G spot set</p>	bright gold	BFI1G



Description

Colour


Index


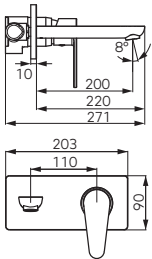

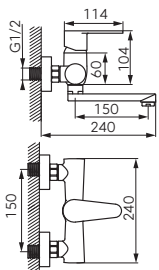


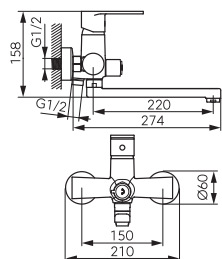


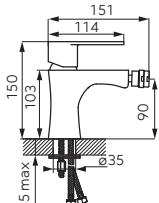

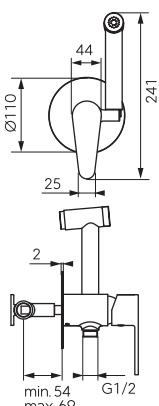
Standing sink mixer


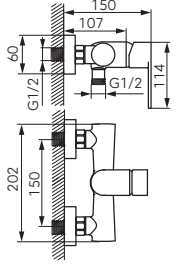

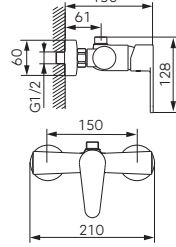

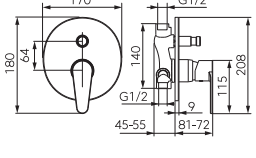

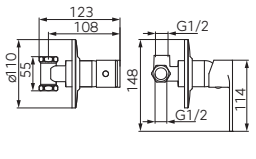

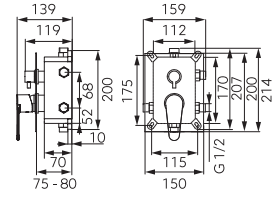

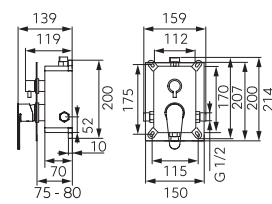
bright gold


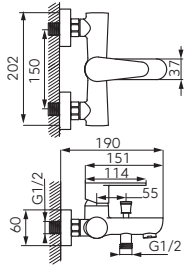

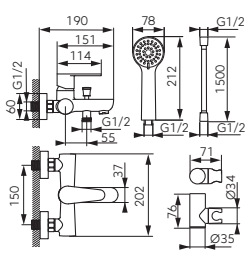

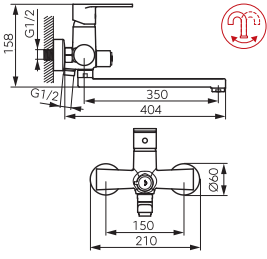

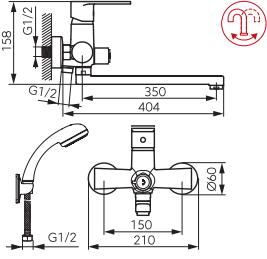

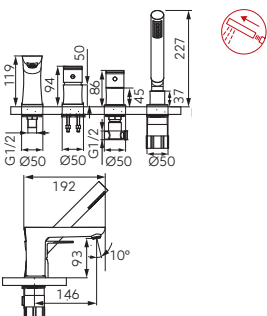

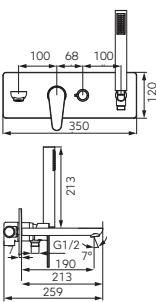
BFI4G


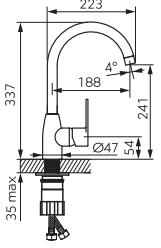


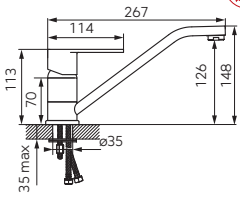


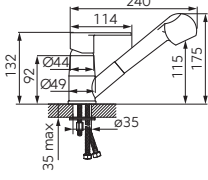




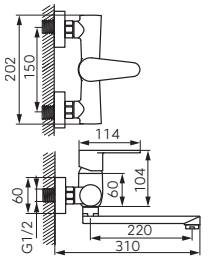


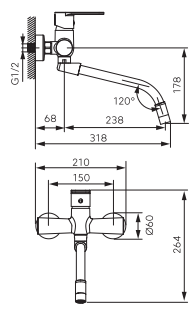



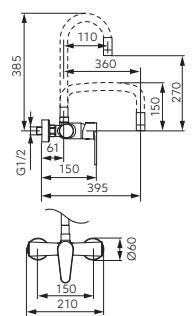


- ceramic cartridge
- single hole assembly
- M18x1 flow regulator
- swivel spout
- flexible connections
G3/8 - M10x1


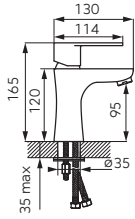

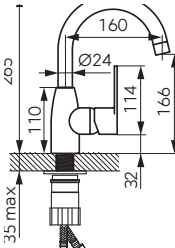


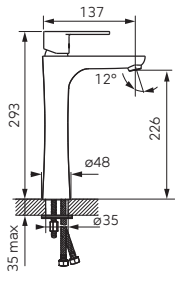

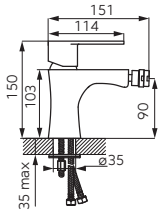

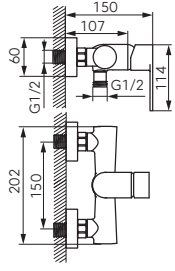

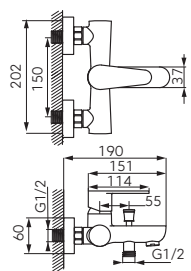
			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAG2
			Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAG2L
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BAG2A
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BAG2AA
		 	Washbasin mixer with pull-out spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • pull-out brass spray handle • G3/8 - M10x1 flexible connections 	chrome	BAG2APO
			Built-in washbasin mixer, 18 cm spout <ul style="list-style-type: none"> • ceramic cartridge • a set of concealed and surface mounted components • wall-mounting • 180 mm spout with M24x1 flow regulator 	chrome	BAG3PA18


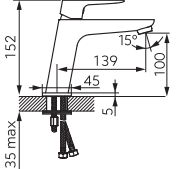




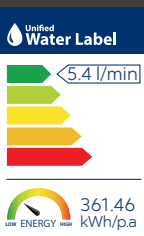

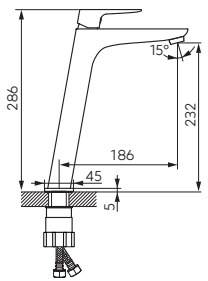






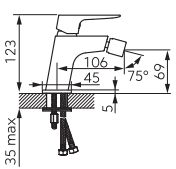






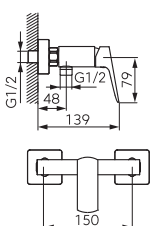



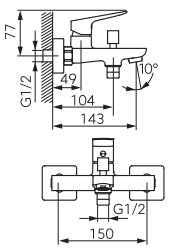



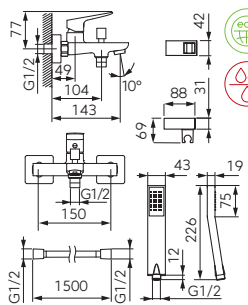


		Description	Colour	Index
		Built-in washbasin mixer, 22 cm spout <ul style="list-style-type: none"> ceramic cartridge a set of concealed and surface mounted components wall-mounting 220 mm spout with M24x1 flow regulator 	chrome	BAG3PA22
		 Wall-mounted washbasin mixer <ul style="list-style-type: none"> ceramic cartridge wall-mounting M24x1 flow regulator swivel spout 150 mm G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BAG3
		 Wall-mounted bath tub mixer with shower connection <ul style="list-style-type: none"> 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
		Bidet standing mixer <ul style="list-style-type: none"> ceramic cartridge single hole assembly G5/4 automatic drain plug M24x1 flow regulator with ball joint G3/8 - M10x1 flexible connections 	chrome	BAG6
		Built-in bidet mixer <ul style="list-style-type: none"> 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

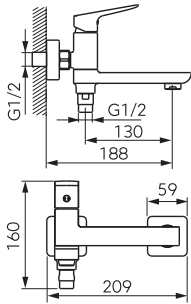
		Description	Colour	Index
		Wall-mounted shower mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection• shower set not included	chrome	BAG7
		Wall-mounted shower mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection - upper fitting• shower set not included	chrome	BAG7U
		Build-in shower mixer <ul style="list-style-type: none">• 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
		Build-in shower mixer <ul style="list-style-type: none">• 1-function• a set of concealed and surface mounted components• wall-mounting• ceramic cartridge• G1/2 connection	chrome	BAG7PA
		Build-in shower mixer - box kit <ul style="list-style-type: none">• 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
		Build-in shower mixer - box kit <ul style="list-style-type: none">• 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

		Description	Colour	Index
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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	BAG11
		Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none"> • with spot shower • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm 	chrom	BAG11 NEW
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Standing multi-hole bath mixer <ul style="list-style-type: none"> • ceramic cartridge • ceramic bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included: • standing assembly 	chrome	BAG11A
		Built-in bath mixer <ul style="list-style-type: none"> • 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

			Description	Colour	Index
			Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BAG4
			Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BAG4A
		  	Standing sink mixer with pull-out handle <ul style="list-style-type: none"> • 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
			Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BAG5
		 	Wall-mounted sink mixer with flexible spout <ul style="list-style-type: none"> • 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
		 	Wall-mounted sink mixer with flexible spout <ul style="list-style-type: none"> • 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

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	black	BAG2BL
		 Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	black	BAG2ABL
		Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	black	BAG2LBL
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	black	BAG6BL
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	black	BAG7BL
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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

			Description	Colour	Index	
		   	Standing washbasin mixer <ul style="list-style-type: none">• 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	
		   	Standing counter washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System - easy limescale removal• G3/8 - M8x1 flexible connections	chrome	BVI2LVL	
		   	Bidet standing mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted shower mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted bath mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none">• 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 NEW	



Wall-mounted bath mixer with a switch in the spout

Colour

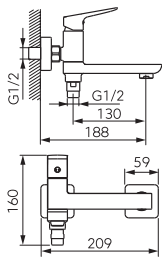
chrome

Index

BVI1RVL

- 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

		Description	Colour	Index	
		  	Standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System - easy limescale removal• G3/8 - M10x1 flexible connections	black	BVI2VLBL 
		  	Standing counter washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System - easy limescale removal• G3/8 - M8x1 flexible connections	black	BVI2LVLBL 
		  	Bidet standing mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M22x1 aerator• Ferro Easy Clean System - easy limescale removal• G3/8 - M10x1 flexible connections	black	BVI6VLBL 
		 	Wall-mounted shower mixer <ul style="list-style-type: none">• 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
		 	Wall-mounted bath mixer <ul style="list-style-type: none">• 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
		 	Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none">• 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 NEW




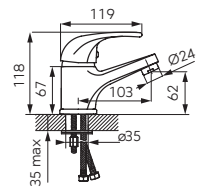



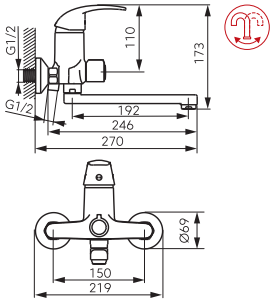

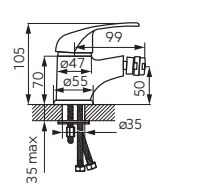

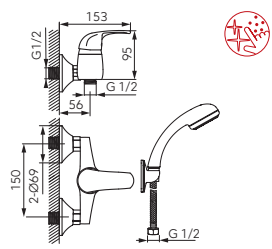
Description	Colour	Index
<p>Wall-mounted bath mixer with a switch in the spout</p> <ul style="list-style-type: none">• foldable spout which at the same time serves as a shower switch• ceramic cartridge• integrated flow limiter for the shower outlet• M24x1 flow regulator• G1/2 eccentric connection spacing 150 ± 20 mm• shower set not included	black	BVI1RVLBL

			Description	Colour	Index	
		   	Standing washbasin mixer <ul style="list-style-type: none">• 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	
		   	Standing counter washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System - easy limescale removal• G3/8 - M8x1 flexible connections	gold	BVI2LVLG	
		   	Bidet standing mixer <ul style="list-style-type: none">• 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	
		 	Wall-mounted shower mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection• built-in flow limiter• shower set not included <p>For the mixer, we recommend U155G spot shower set in gold colour</p>	gold	BVI7VLG	
		 	Wall-mounted bath mixer <ul style="list-style-type: none">• 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 <p>For the mixer, we recommend U155G spot shower set in gold colour</p>	gold	BVI1VLG	


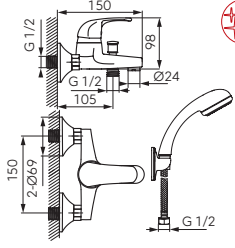

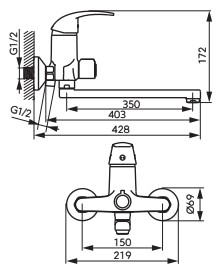



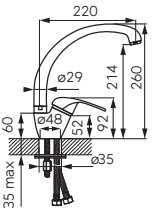




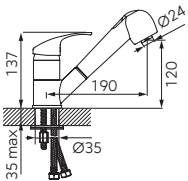


			Description	Colour	Index	
		   	Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M10x1 flexible connections 	black-gold	BVI2VLBLG	
		   	Standing counter washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • FerroAirMix M24x1 aerator • Ferro Easy Clean System - easy limescale removal • G3/8 - M8x1 flexible connections 	black-gold	BVI2LVLBLG	
		   	Bidet standing mixer <ul style="list-style-type: none"> • 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 	black-gold	BVI6VLBLG	
		 	Wall-mounted shower mixer <ul style="list-style-type: none"> • 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-gold	BVI7VLBLG	
		 	Wall-mounted bath mixer <ul style="list-style-type: none"> • 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-gold	BVI1VLBLG	

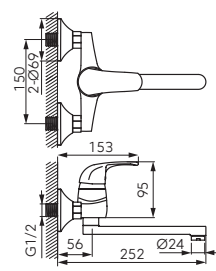
		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections 	chrome	BTR2 NEW
		Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BTR2A NEW
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BTR6 NEW
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BTR7 NEW
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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 NEW
		Standing kitchen mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 areator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BTR4 NEW

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 aerator • G3/8 - M10x1 flexible connections 	black	BTR2BL NEW
		Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	black	BTR2ABL NEW
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 aerator with ball joint • G3/8 - M10x1 flexible connections 	black	BTR6BL NEW
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	black	BTR7BL NEW
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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 NEW


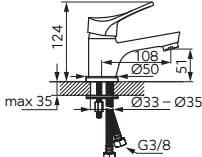

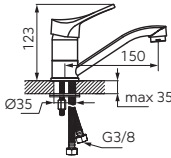


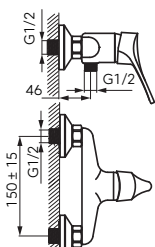

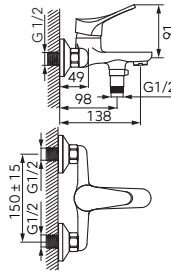

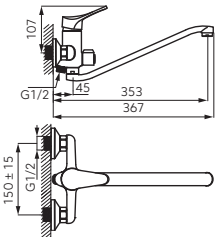


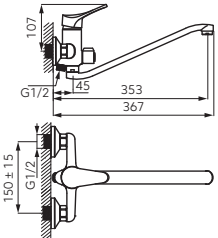

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BVA2
		Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BVA2A
		Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BVA3
		Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BVA6
		Wall-mounted shower mixer <ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 	chrome	BVA77


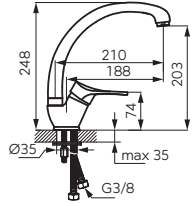


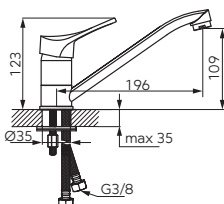



		Description	Colour	Index
		 Wall-mounted bath mixer <ul style="list-style-type: none">• with spot shower set• ceramic cartridge• automatic bath/shower switch with a lock• M24x1 flow regulator• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BVA11
		 Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none">• 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
		 Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none">• 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	BVA5SA
		 Asymmetric standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BVA4A
		 Standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BVA4
		   Standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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

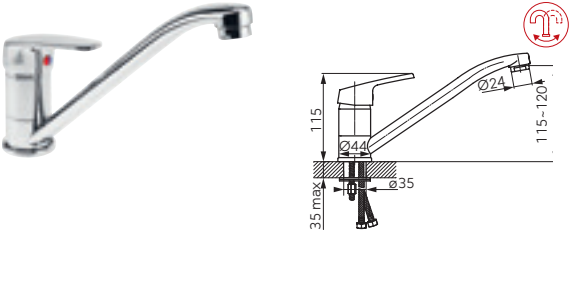
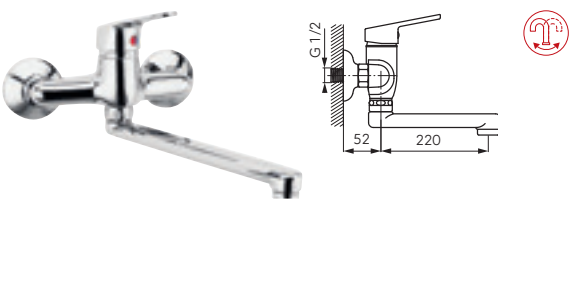







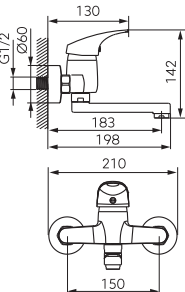


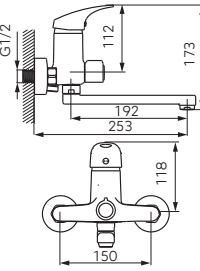


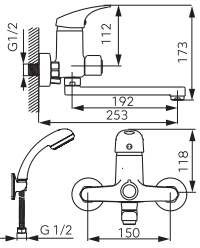


Description	Colour	Index
Wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BVA5


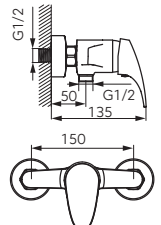

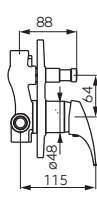

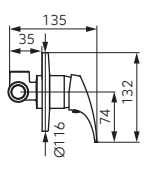

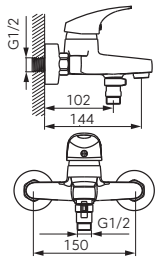

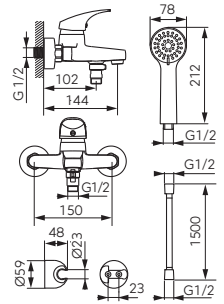

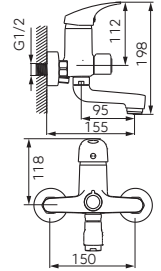

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BSL2
	 	Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BSL2A
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • G1/2 eccentric connection spacing 150 ± 15 mm • G1/2 shower connection • shower set not included 	chrome	BSL7
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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
	 	Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
	 	Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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


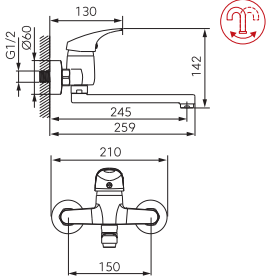


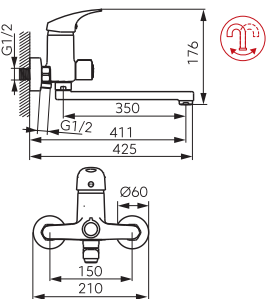


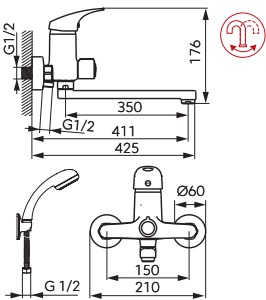


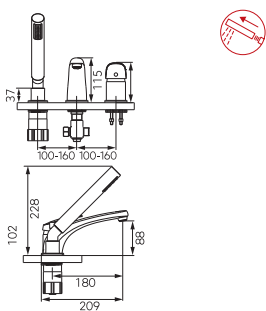


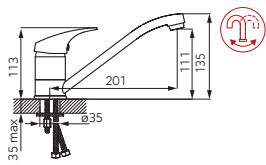

		Description	Colour	Index
	 	Asymmetric standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BSL4A
	 	Standing sink mixer with swivel spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BSL4


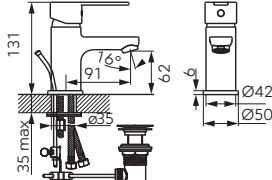

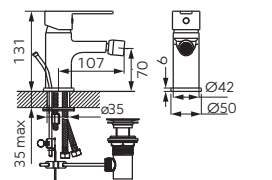

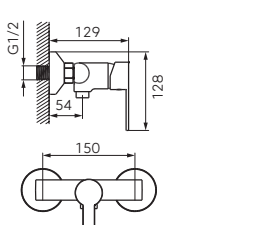

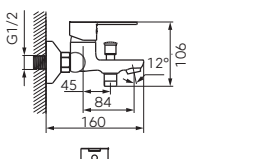

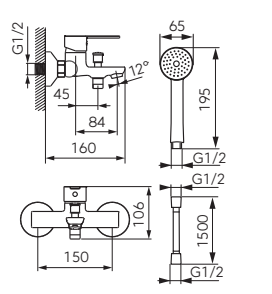

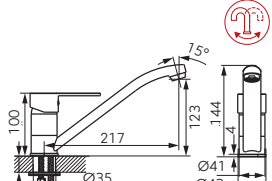
		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BSM2
		 Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BSM2A
		 Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BSM3
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BSM6
		 Wall-mounted shower mixer <ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 	chrome	BSM77
		 Wall-mounted bath mixer <ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BSM11

	Description	Colour	Index
 <p>Technical drawing of the standing sink mixer (BSM4) showing dimensions: 115 mm height, 24 mm spout diameter, 115-120 mm spout reach, 35 mm max. base width, and 35 mm base diameter. A red circular icon with a faucet symbol is also present.</p>	Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BSM4
 <p>Technical drawing of the wall-mounted sink mixer (BSM5) showing dimensions: 52 mm mounting height, 220 mm spout reach, and G1/2 eccentric connection. A red circular icon with a faucet symbol is also present.</p>	Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BSM5


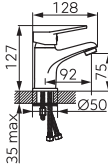

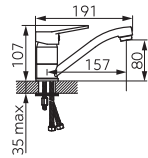


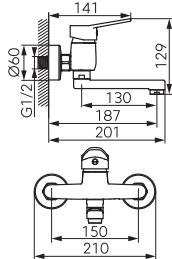


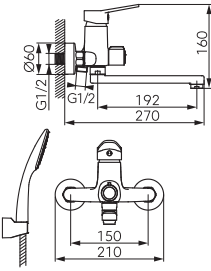


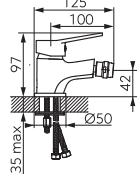

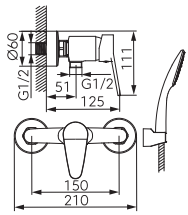
			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BFO2
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BFO2A
			Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • 158 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BFO3
			Wall-mounted bath tub mixer with shower connection <ul style="list-style-type: none"> • 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
			Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
			Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BFO6


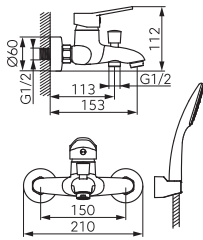

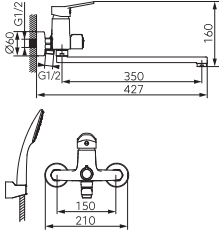

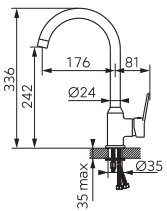

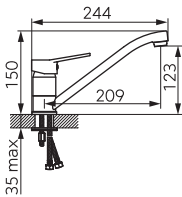

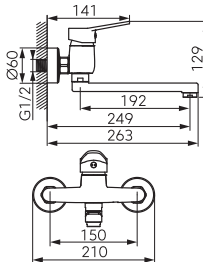
		Description	Colour	Index
 		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BFO7
 		Build-in shower mixer <ul style="list-style-type: none"> • 2-function • a set of concealed and surface mounted components • wall-mounting • 2-function switch • ceramic cartridge • G1/2 connection • G1/2 shower output 	chrome	BFO7P
 		Build-in shower mixer <ul style="list-style-type: none"> • 1-function • a set of concealed and surface mounted components • wall-mounting • ceramic cartridge • G1/2 connection 	chrome	BFO7PA
 		Wall-mounted bath mixer <ul style="list-style-type: none"> • ceramic cartridge • ceramic bath/shower switch with check valve • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included 	chrome	BFO1
 		Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none"> • 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 NEW
  		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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


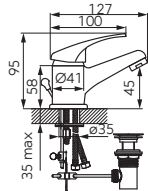

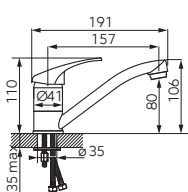


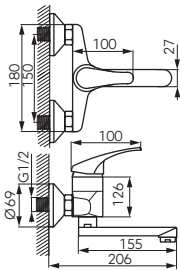


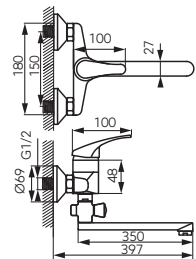


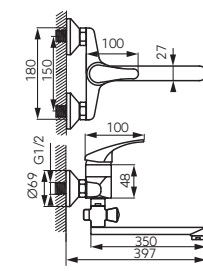


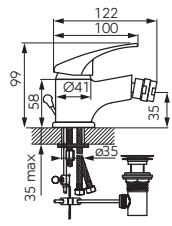
		Description	Colour	Index
 		Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • 217 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BFO5
 		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
 		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
 		Multiple-hole bath mixer <ul style="list-style-type: none"> • ceramic cartridge • bath/shower switch • pull-out shower handle • spout with M24x1 flow regulator • flexible connectors included • standing assembly 	chrome	BFO11AA
 		Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BFO4


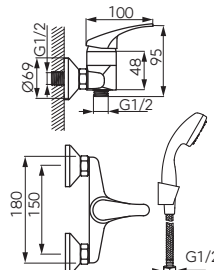


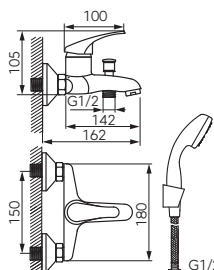


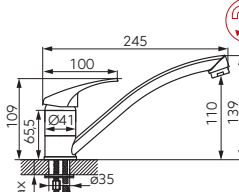


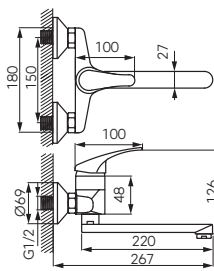

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BSV2
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M22x1 areator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BSV6
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • G1/2 eccentric connection • spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BSV7
		Wall-mounted bath mixer <ul style="list-style-type: none"> • 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
		Wall-mounted bath mixer with a switch in the spout <ul style="list-style-type: none"> • 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 NEW
		Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections • G3/8 - M10x1 	chrome	BSV4


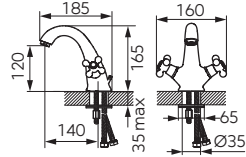

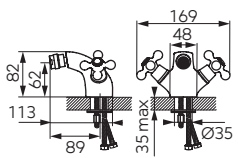

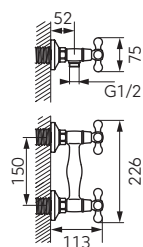

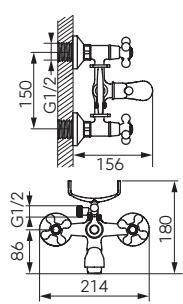

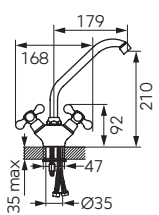


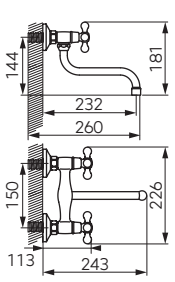




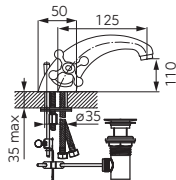

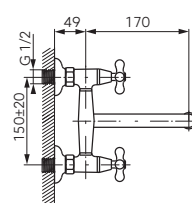

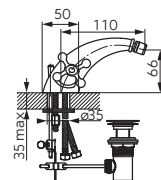

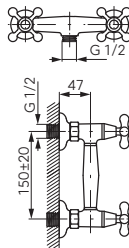

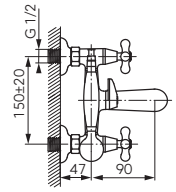

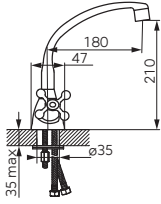
			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BIS2
			Standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BIS2A
			Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • 130 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BIS3
			Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
			Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BIS6
			Wall-mounted shower mixer <ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 	chrome	BIS77

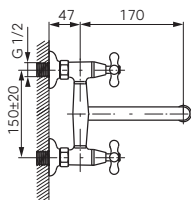
		Description	Colour	Index
		Wall-mounted bath mixer <ul style="list-style-type: none"> • with spot shower set • ceramic cartridge • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BIS11
		Wall-mounted bathtub/wasbasin mixer with shower connection <ul style="list-style-type: none"> • 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
		Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BIS4
		Standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BIS4A
		Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • 192 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BIS5

			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BBC2
			Standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BBC2A
			Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BBC3
			Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
			Wall-mounted bathtub/washbasin mixer with shower connection <ul style="list-style-type: none"> • 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
			Bidet standing mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	BBC6


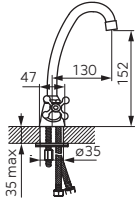


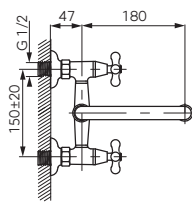


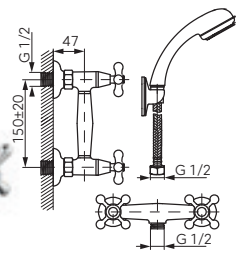

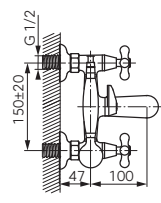

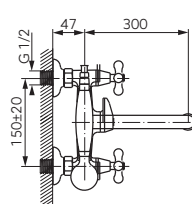


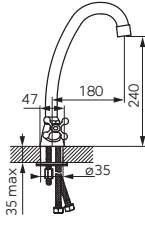

	Description	Colour	Index
  	Wall-mounted shower mixer <ul style="list-style-type: none">• with spot shower set• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection	chrome	BBC77
  	Wall-mounted bath mixer <ul style="list-style-type: none">• with spot shower set• ceramic cartridge• automatic bath/shower switch with a lock• M24x1 flow regulator• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BBC11
  	Standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BBC4
  	Wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BBC5


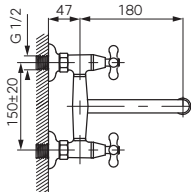


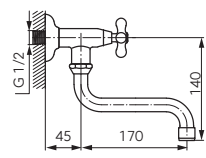

		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	old bronze	BAI2BR
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	old bronze	BAI6BR
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	old bronze	BAI7BR
		Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • ceramic heads • brass shower handle • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm 	old bronze	BAI11BR
		 Standing sink mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	old bronze	BAI4BR
		 Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic heads • wall-mounting • M22x1 flow regulator • 200 mm swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	old bronze	BAI5BR




		Description	Colour	Index
		Standing washbasin mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	XD2
		Wall-mounted washbasin mixer <ul style="list-style-type: none"> • ceramic heads • wall-mounting • M22x1 flow regulator • swivel spout 160 mm • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XD3
		Bidet standing mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator with ball joint • G3/8 - M10x1 flexible connections 	chrome	XD6
		Wall-mounted shower mixer <ul style="list-style-type: none"> • ceramic heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	XD7
		Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • ceramic heads • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XD11
		Standing sink mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	XD4


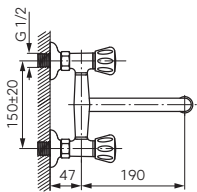


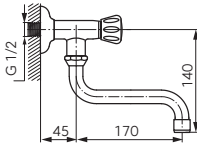



Description	Colour	Index
Wall-mounted sink mixer <ul style="list-style-type: none"> • ceramic heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XD5


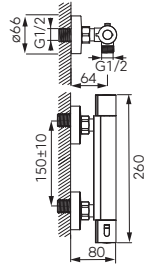



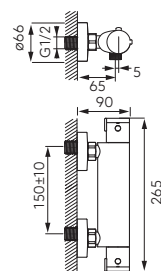



			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	XR2
			Wall-mounted washbasin mixer <ul style="list-style-type: none"> • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XR3
			Wall-mounted shower mixer <ul style="list-style-type: none"> • with spot shower set • moving faucet heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 	chrome	XR77
			Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • moving faucet heads • bath/shower switch • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XR11
			Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • moving faucet heads • M22x1 flow regulator • bath/shower switch • swivel spout 300 mm • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XR11A
			Standing sink mixer <ul style="list-style-type: none"> • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	XR4

		Description	Colour	Index
		 <p>Wall-mounted sink mixer</p> <ul style="list-style-type: none"> • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	XR5
		 <p>Retro water valve</p> <ul style="list-style-type: none"> • moving faucet head • wall-mounting • Retro handle • M22x1 flow regulator • swivel spout 	chrome	Z40

			Description	Colour	Index
			Standing washbasin mixer <ul style="list-style-type: none"> • moving faucet head • single hole assembly • M22x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BST2
			Wall-mounted washbasin mixer <ul style="list-style-type: none"> • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BST3
			Wall-mounted shower mixer <ul style="list-style-type: none"> • with spot shower set • moving faucet heads • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection 	chrome	BST77
			Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • moving faucet heads • M24x1 flow regulator • bath/shower switch • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BST11
			Wall-mounted bath mixer <ul style="list-style-type: none"> • with shower • moving faucet heads • M22x1 flow regulator • bath/shower switch • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BST11A
			Standing sink mixer <ul style="list-style-type: none"> • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	BST4

			Description	Colour	Index
			Wall-mounted sink mixer <ul style="list-style-type: none"> • moving faucet heads • wall-mounting • M22x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BST5
			Standard water valve <ul style="list-style-type: none"> • moving faucet head • wall-mounting • Standard handle • M22x1 flow regulator • swivel spout • for connecting cold or mixed water 	chrome	Z39

THERMOSTATIC MIXERS

		Description	Colour	Index
		  Trinity Wall-mounted shower mixer <ul style="list-style-type: none">• thermostatic regulator• Safe Touch System<ul style="list-style-type: none">- the body does not heat up• Safe Stop 38°C<ul style="list-style-type: none">- hot water lock• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection• shower set not included	chrome	TRM7
		   Varese Wall-mounted shower mixer <ul style="list-style-type: none">• thermostatic regulator• Safe Stop 38°C<ul style="list-style-type: none">- 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



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



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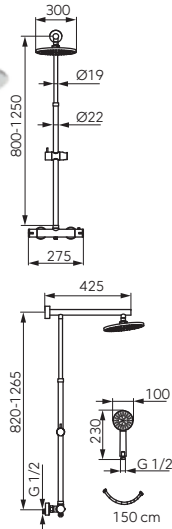






































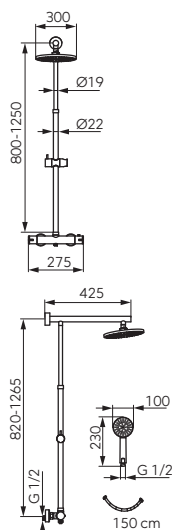





















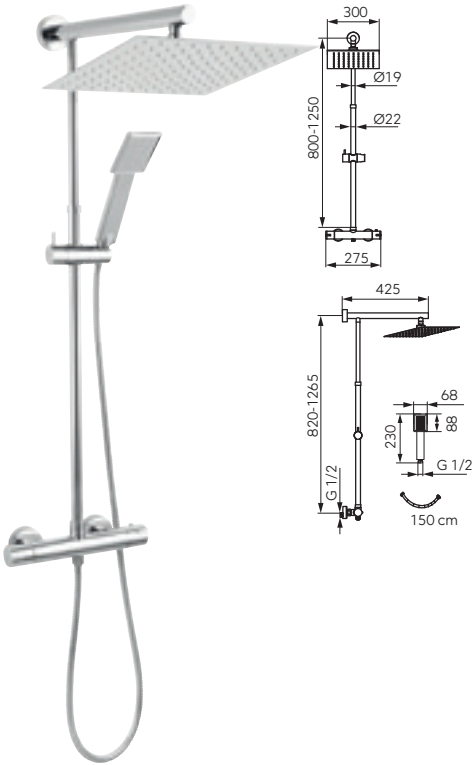

SPOUTS FOR BUILT-IN
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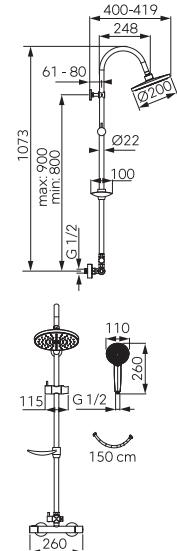






























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RAINFALL SHOWER SYSTEMS AND THERMOSTATIC MIXER


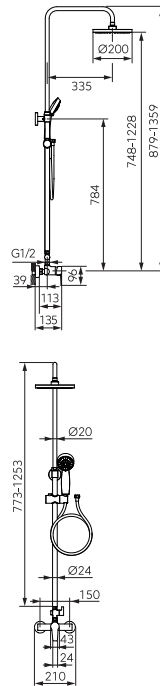







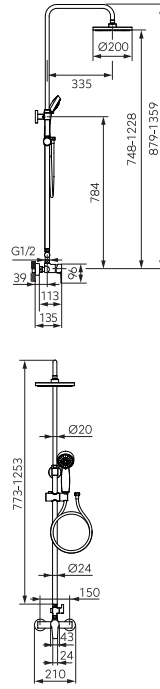






	Description	Colour	Index	
 	                                     	Trevi rainfall shower system and thermostatic mixer <p>Rainfall shower:</p> <ul style="list-style-type: none">• regulated length of metal bar 800 - 1250 mm• regulated mounting height• rainfall steel head SLIM – Ø 300 mm• integrated wall mounting with rainfall bar• ball-joint - adjustable angle of overhead shower plate• Ferro Easy Clean System - easy limescale removal <p>Shower mixer:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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	chrome	NP75-TRV7U
 	                  	Trevi rainfall shower system and thermostatic mixer <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• Shower handle Ø 100• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System - easy limescale removal• PVC shower hose 150 cm	black	NP75-TRV7U-BL

	Description	Colour	Index
	<p>Trevi Square rainfall shower system and thermostatic mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• 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<ul style="list-style-type: none">- upper fitting• G1/2 shower connection<ul style="list-style-type: none">- bottom fitting <p>Shower:</p> <ul style="list-style-type: none">• 1-function shower handle• stream: rain• Ferro Easy Clean System - easy limescale removal• 150 cm shower hose in metal braid	chrome	NP75SQ-TRV7U
	<p>Trevi Square rainfall shower system and thermostatic mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• 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<ul style="list-style-type: none">- upper fitting• G1/2 shower connection<ul style="list-style-type: none">- bottom fitting <p>Shower:</p> <ul style="list-style-type: none">• 1-function shower handle• stream: rain• Ferro Easy Clean System - easy limescale removal• PVC shower hose 150 cm	black	NP75SQ-TRV7U-BL


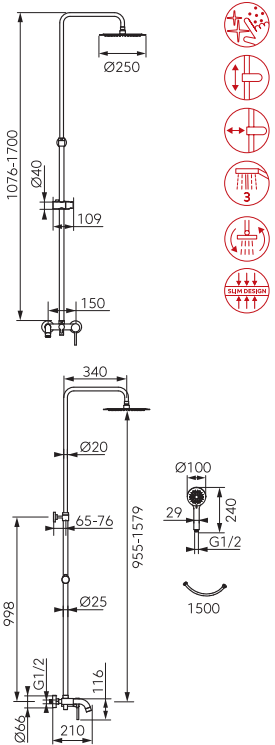

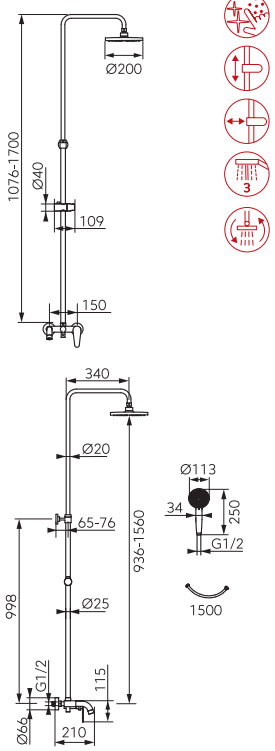
	Description	Colour	Index
 	          <p>Trinity rainfall shower system and thermostatic mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• metal bar 1100 mm• regulated mounting height• regulated distance of rainfall from wall allowing easy mounting• shower head plate - Ø 200 mm• ball-joint - adjustable angle of overhead shower plate• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• soapbox• metal switch with ceramic insert <p>Shower:</p> <ul style="list-style-type: none">• Shower handle diameter 110 mm• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm metal braided shower hose <p>Thermostatic mixer:</p> <ul style="list-style-type: none">• thermostatic regulator• Safe Touch System<ul style="list-style-type: none">- the body does not heat up• Safe Stop 38°C<ul style="list-style-type: none">- hot water lock• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection<ul style="list-style-type: none">- upper fitting	chrome	NP71-TRM7U


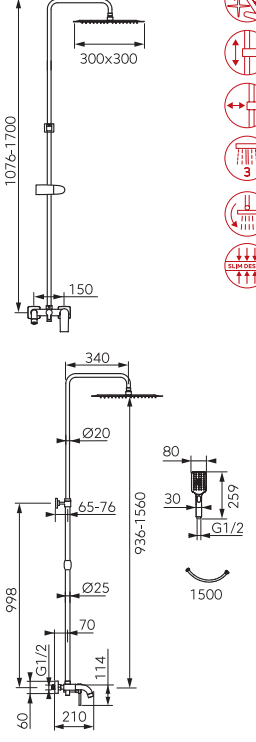

	Description	Colour	Index	
	<div></div> <p>Vitto Verdeline rainfall shower system and mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• sliding metal bar with adjustable length, 774 - 1254 mm• regulated distance of rainfall from wall allowing easy mounting• square SLIM stainless steel shower head, 200 x 200 mm• ball-joint - adjustable angle of overhead shower plate• Ferro Easy Clean System - easy limescale removal <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head	chrome	NP81-BV17UVL NEW	 
	<div></div> <p>Vitto Verdeline rainfall shower system and mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head	black	NP81-BV17UVL-BL NEW	 

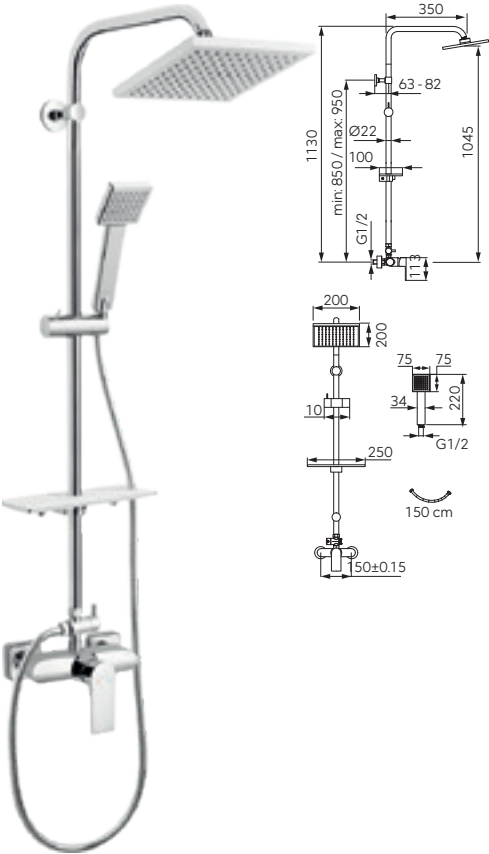
RAINFALL SHOWER SYSTEMS AND MIXER

		Description	Colour	Index	
		     	Ritto rainfall shower system and mixer	chrome	NP84-BTR7U NEW
		<p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• ceramic cartridge• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 rainfall and shower connection - upper fitting <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head			
		     	Ritto rainfall shower system and mixer	black	NP84-BTR7UBL NEW
		<p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• ceramic cartridge• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 rainfall and shower connection - upper fitting <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head			



	Description	Colour	Index
 	Fiesta rainfall shower system and bath mixer	chrome	NP79-BFI13U
 	Algeo rainfall shower system and bath mixer	chrome	NP78-BAG13U


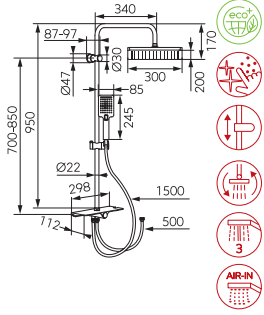
		Description	Colour	Index
		<p>Algeo Square rainfall shower system and bath mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none"> rainfall steel head SLIM 300 x 300 mm regulated length of metal bar 1076 - 1700 mm regulated height rainfall head - adjusting the height of the set to your height regulated distance of rainfall from wall allowing easy mounting ball-joint - adjustable angle of overhead shower plate Ferro Easy Clean System - easy limescale removal <p>Shower:</p> <ul style="list-style-type: none"> 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 <p>Bath mixer:</p> <ul style="list-style-type: none"> 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 	chrome	NP80-BAQ13U
		<p>Algeo rainfall shower system and mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none"> 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 <p>Shower:</p> <ul style="list-style-type: none"> 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 <p>Shower mixer:</p> <ul style="list-style-type: none"> ceramic cartridge wall-mounting G1/2 eccentric connection spacing 150 ± 20 mm G1/2 shower connection - upper fitting 	chrome	NP71-BAG7U


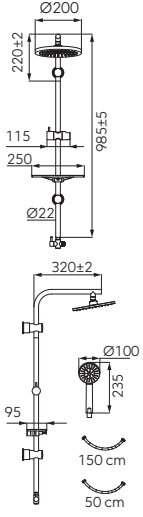













Description	Colour	Index
<p>Algeo Square rainfall shower system and mixer</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• metal bar 1130 mm• regulated mounting height• regulated distance of rainfall from wall allowing easy mounting• 200 x 200 mm rectangular shower head plate• integrated 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 <p>Shower mixer:</p> <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• G1/2 eccentric connection spacing 150 ± 20 mm• G1/2 shower connection - upper fitting <p>Shower:</p> <ul style="list-style-type: none">• 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


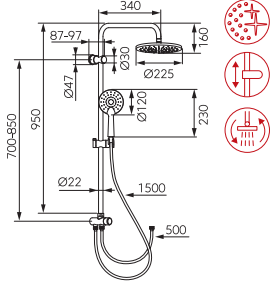

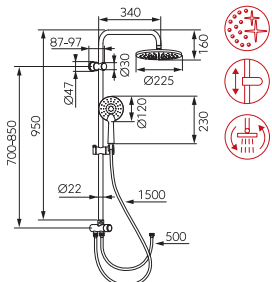


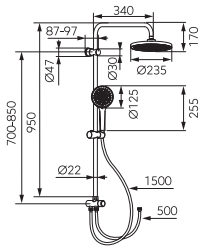
SHOWER SETS WITH RAINFALL VERDELINE

		Description	Colour	Index
		Kanto Verdeline rainfall with shower set Rainfall shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• brass switch with ceramic click button for changing spray function of overhead shower plate	chrome	NP94VL
		Kanto Verdeline rainfall with shower set Rainfall shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• brass switch with ceramic click button for changing spray function of overhead shower plate	black	NP94VL-BL

		Description	Colour	Index
		<div></div> Amiga Verdeline sliding shower set with rainfall <div>Rainfall shower:<ul style="list-style-type: none">• 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</div> <div>Shower:<ul style="list-style-type: none">• 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</div> <div>Shower switch:<ul style="list-style-type: none">• metal shower switch with ceramic insert</div>	chrome	NP25VL
		<div></div> Amigo Verdeline sliding shower set with rainfall <div>Rainfall shower:<ul style="list-style-type: none">• 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</div> <div>Shower:<ul style="list-style-type: none">• 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</div> <div>Shower switch:<ul style="list-style-type: none">• metal shower switch with ceramic insert</div>	chrome	NP26VL

SHOWER SETS WITH RAINFALL


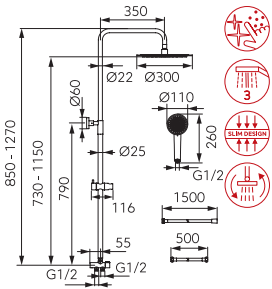

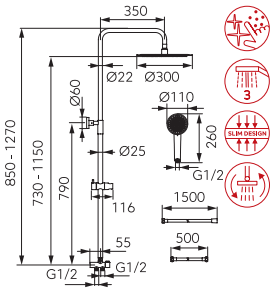
		Description	Colour	Index
		Coppa rainfall with shower set Rainfall shower: <ul style="list-style-type: none">• Auto Clean System - automatic removal of limescale from overhead shower plates• 950 mm sliding metal bar• regulated mounting height• round overhead shower plate, Ø 225 mm• ball-joint - adjustable angle of overhead shower plate Shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• brass switch with ceramic click button for changing spray function of overhead shower plate	chrome	NP92
		Coppa rainfall with shower set Rainfall shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• brass switch with ceramic click button for changing spray function of overhead shower plate	black	NP92-BL

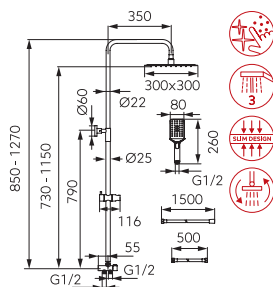


Description	Colour	Index
<p>Vepa rainfall with shower set</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 950 mm sliding metal bar• regulated mounting height• round overhead shower plate with black insert, Ø 235 mm• ball-joint - adjustable angle of overhead shower plate• Ferro Easy Clean System - easy limescale removal <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic click button for changing spray function of overhead shower plate	chrome	NP93

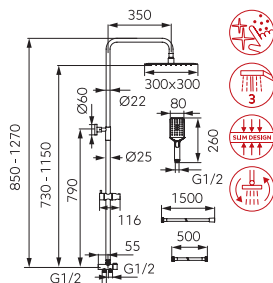


SHOWER SETS WITH RAINFALL

	Description	Colour	Index
	 <p>Wizard Pro sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none"> • 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 <p>Shower:</p> <ul style="list-style-type: none"> • 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 <p>Shower switch:</p> <ul style="list-style-type: none"> • brass switch with ceramic head 	chrome	NP47
	 <p>Wizard Pro sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none"> • 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 <p>Shower:</p> <ul style="list-style-type: none"> • 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 <p>Shower switch:</p> <ul style="list-style-type: none"> • 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


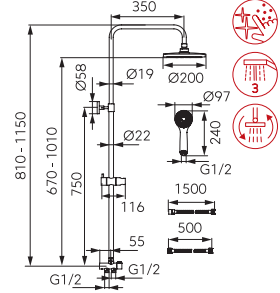

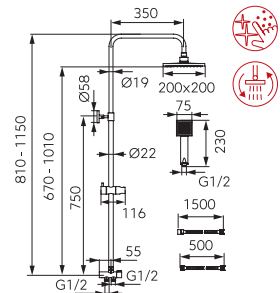



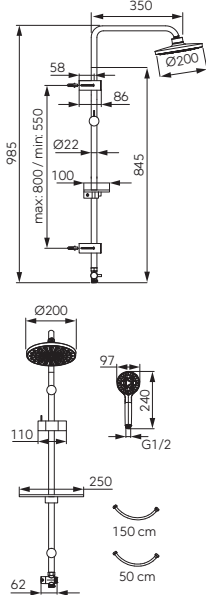


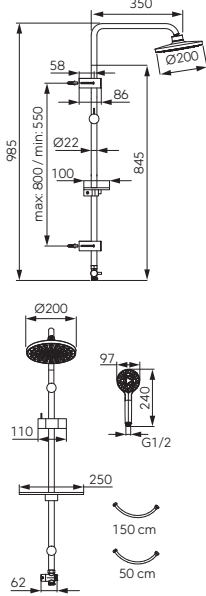

Description	Colour	Index
<p>Wizard Square Pro sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• sliding metal bar with adjustable length, 850 - 1270 mm• square SLIM stainless steel shower head, 300 x 300 mm• ball-joint - adjustable angle of overhead shower plate• Ferro Easy Clean System - easy limescale removal <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head	chrome	NP48



<p>Wizard Square Pro sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head• connecting hose 50 cm with a 1/2 nut - universal connection to any bath or shower mixer	black	NP48-BL
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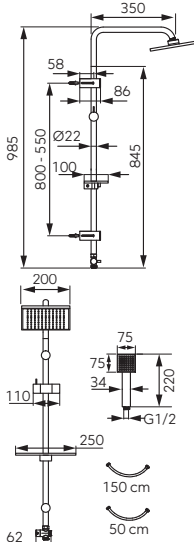


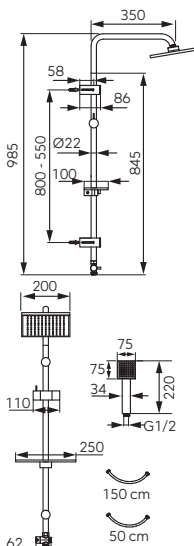

SHOWER SETS WITH RAINFALL

	Description	Colour	Index
 	<p>Wizard sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head	chrome	NP45
 	<p>Wizard Square sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• brass switch with ceramic head	chrome	NP46

	Description	Colour	Index
  	Rondo Lux sliding shower set with rainfall Rainfall shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• shower head plate - Ø 200 mm• shower handle - Ø 100 mm• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System<ul style="list-style-type: none">- 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: <ul style="list-style-type: none">• metal switch with ceramic insert	chrome	NP23
  	Rondo Lux sliding shower set with rainfall Rainfall shower: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• shower handle - Ø 100 mm• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System<ul style="list-style-type: none">- 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: <ul style="list-style-type: none">• metal switch with ceramic insert	black	NP23-BL

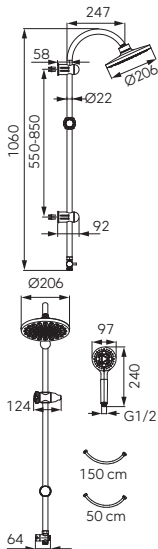


SHOWER SETS WITH RAINFALL

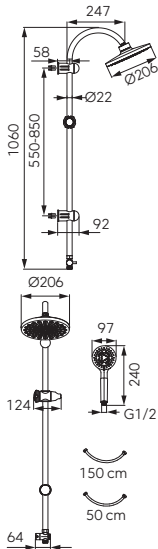
	Description	Colour	Index
	  <p>Squerto Lux sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 985 mm sliding metal bar• adjustable spacing distance between holders - possibility of mounting in existing wall openings• shower head plate dimension 200 x 200 mm• ball-joint - adjustable angle of overhead shower plate• practical, flat shelf for cosmetics with adjustable mounting <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	chrome	NP24
	  <p>Squerto Lux sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• shower head plate dimension 200 x 200 mm• shower handle - Ø 100 mm• 1-function shower handle <p>Streams: rain</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	black	NP24-BL

- 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

- 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




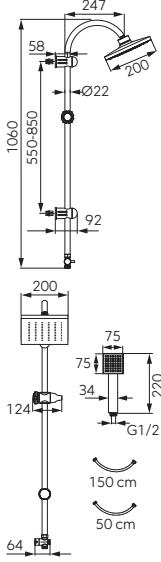




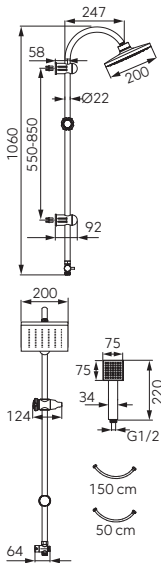



Description	Colour	Index
<p>Rondo sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 1060 mm sliding metal bar• adjustable spacing distance between holders - possibility of mounting in existing wall openings• shower head plate - Ø 200 mm• ball-joint - adjustable angle of overhead shower plate <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	chrome	NP21





<p>Rondo sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	black	NP21-BL
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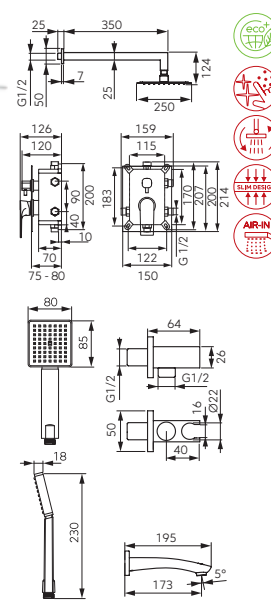


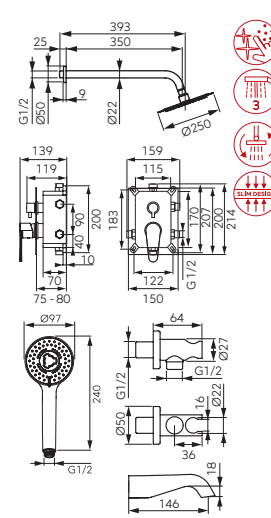



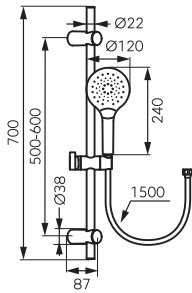
SHOWER SETS WITH RAINFALL

		Description	Colour	Index
		   <p>Squerto sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 1-function shower handle• streams: rain• Ferro Easy Clean System<ul style="list-style-type: none">- 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	chrome	NP22
		   <p>Squerto sliding shower set with rainfall</p> <p>Rainfall shower:</p> <ul style="list-style-type: none">• 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 <p>Shower:</p> <ul style="list-style-type: none">• 1-function shower handle• streams: rain• Ferro Easy Clean System<ul style="list-style-type: none">- 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 <p>Shower switch:</p> <ul style="list-style-type: none">• metal switch with ceramic insert	black	NP22-BL

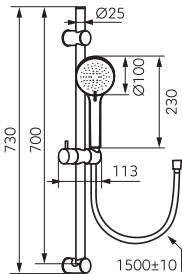


	Description	Colour	Index
	Algeo Square built-in shower sets Rainfall shower with an arm: <ul style="list-style-type: none"> metal rainfall shower plate SLIM square shaped shower plate 200 x 200 mm 350 mm shower arm Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal ball joint <ul style="list-style-type: none"> - adjustable shower head angle metal rosette Angled connector: <ul style="list-style-type: none"> with integrated shower handle mount G1/2 connection to shower hose metal rosette Shower hose: <ul style="list-style-type: none"> in metal braid length 150 cm cone nut Shower handle: <ul style="list-style-type: none"> square 75 x 75 mm 1-function shower handle stream: rain Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal Built-in mixer: <ul style="list-style-type: none"> 2-function flush-mounted ceramic cartridge switch with Anti-Stop function connection, shower fitting: G1/2 metal cover 	chrome	BAQ7P-SET1-S
		chrome	BAG7P-SET1-S

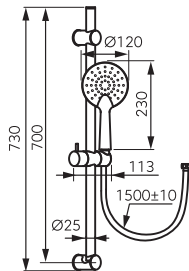
		Description	Colour	Index
		 Algeo Square built-in shower sets Rainfall shower with an arm: <ul style="list-style-type: none">metal rainfall shower plate SLIMsquare shaped shower plate 250 x 250 mm350 mm shower armFerro Easy Clean System - easy limescale removalball joint - adjustable shower head anglemetal rosette Angled connector: <ul style="list-style-type: none">with integrated shower handle mountG1/2 connection to shower hosemetal rosette Shower hose: <ul style="list-style-type: none">in metal braidlength 150 cmcone nut Shower handle: <ul style="list-style-type: none">rectangle 80 x 85 mm1-functionstream: rainFerro Air-in System - aeration of water stream saving up to 50% of waterFerro Easy Clean System - easy limescale removal Built-in mixer - box kit: <ul style="list-style-type: none">3-functiona set of concealed and surface mounted componentsmetal plate coveradjustable mounting depthwall-mounting3-function ceramic switchceramic cartridgeG1/2 connectionG1/2 shower output Flush mounted bath spout: <ul style="list-style-type: none">G1/2 connectionrosette	chrome	BAQ7P3BOX-SET1-S
			 Algeo built-in shower sets Rainfall shower with an arm: <ul style="list-style-type: none">metal rainfall shower plate SLIMround shaped shower plate Ø 250 mm350 mm shower armFerro Easy Clean System - easy limescale removalball joint - adjustable shower head anglemetal rosette Angle connection: <ul style="list-style-type: none">with integrated shower handle mountG1/2 connection to shower hosemetal rosette Shower hose: <ul style="list-style-type: none">in metal braidlength 150 cmcone nut Shower handle: <ul style="list-style-type: none">Round - Ø 97 mm3-function shower handlestream: rain, massage, mixedFerro Easy Clean System - easy limescale removal Built-in mixer - box kit: <ul style="list-style-type: none">3-functiona set of concealed and surface mounted componentsmetal plate coveradjustable mounting depthwall-mounting3-function ceramic switchceramic cartridgeG1/2 connectionG1/2 shower output Flush mounted bath spout: <ul style="list-style-type: none">G1/2 connection	chrome



Description	Colour	Index
Mulo sliding shower set <ul style="list-style-type: none">• 3-function shower handle with built-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


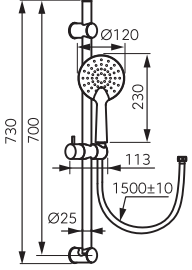



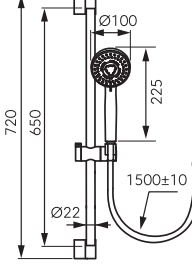


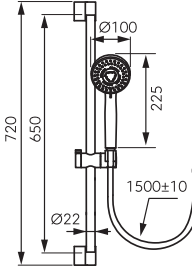




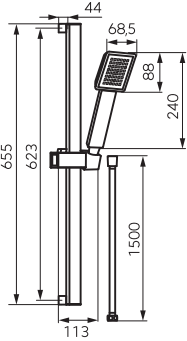


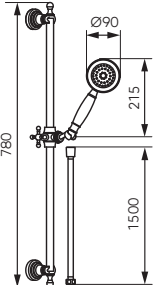


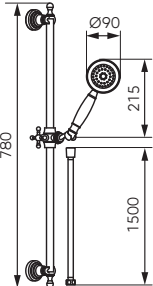

Rillo sliding shower set <ul style="list-style-type: none">• 700 mm sliding metal bar• adjustable slide bar mount holders in range 50-67 cm• top mount adjustment – possibility of mounting in existing wall openings• 3-function shower handle• streams: rain, massage, mixed• Ø 100 mm• Ferro Easy Clean System - easy limescale removal• PVC shower hose 150 cm• shower hose with conical tip	bright gold	N365G
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Phila sliding shower set <ul style="list-style-type: none">• 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 NEW
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SHOWER SETS

		Description	Colour	Index
		  Phila sliding shower set <ul style="list-style-type: none">• Auto Clean System<ul style="list-style-type: none">- automatic removal of limescale from shower handle nozzles• adjustable bar mount spacing<ul style="list-style-type: none">- 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
		  Horn Black sliding shower set <ul style="list-style-type: none">• 720 mm sliding metal bar• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm PVC shower hose• conical hose tip	chrome	N370 NEW
		  Horn sliding shower set <ul style="list-style-type: none">• 720 mm sliding metal bar• 3-function shower handle• streams: rain, massage, mixed• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm PVC shower hose• conical hose tip	black	N370BL-B

		Description	Colour	Index
		 Sinus sliding shower set <ul style="list-style-type: none">• 655 mm sliding metal bar• 1-function shower handle• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm PVC shower hose• conical hose tip	black	N170BL-B
		 Retro sliding shower set <ul style="list-style-type: none">• 780 mm sliding metal bar• 1-function shower handle• stream: rain• shower handle - Ø 90 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in brass braid• shower hose with conical tip• metal sliding mechanism	old bronze	N160BR
		 Retro sliding shower set <ul style="list-style-type: none">• 780 mm sliding metal bar• 1-function shower handle• stream: rain• shower handle - Ø 90 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in brass braid• shower hose with conical tip	chrome	N160



SHOWER SETS


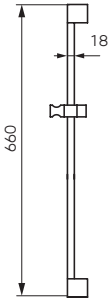

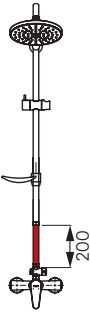

		Description	Colour	Index
		  Vigo sliding shower set <ul style="list-style-type: none"> • 655 mm sliding metal bar • 3-function shower handle • streams: rain, massage, mixed • shower handle - Ø 100 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip 	chrome	N320
		 Quadro sliding shower set <ul style="list-style-type: none"> • 1-function shower handle • stream: rain • Ferro Easy Clean System <ul style="list-style-type: none"> - 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
		   Nessa sliding shower set <ul style="list-style-type: none"> • 3-function shower handle • streams: rain, massage, mixed • shower handle – Ø 108 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - 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

		Description	Colour	Index
		 Bellis sliding shower set <ul style="list-style-type: none">• 1-function shower handle• stream: rain• shower handle – Ø 95 mm• Ferro Easy Clean System<ul style="list-style-type: none">- 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
		  Tutti sliding shower set <ul style="list-style-type: none">• 3-function shower handle• streams: rain, massage, mixed• 615 mm sliding metal bar• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in metal braid• chrome soap dish included with set	chrome	N340
		  Evo sliding shower set <ul style="list-style-type: none">• 5-function shower handle• streams: rain, massage, mixed, light, mist• shower handle – Ø 80 mm• 560 mm sliding metal bar• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in metal braid• chrome soap dish included with set	chrome	N130B




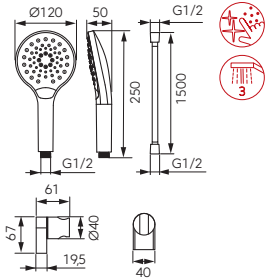

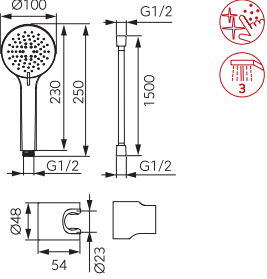

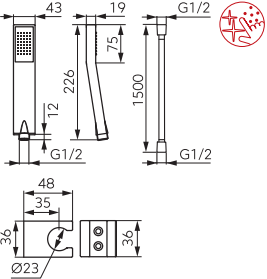

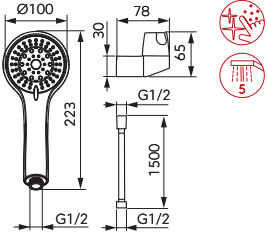

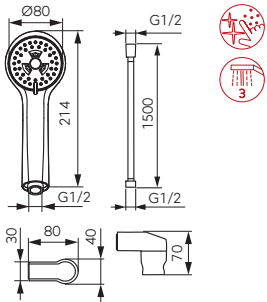

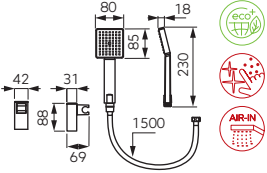
SHOWER SETS


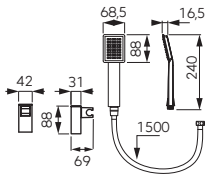


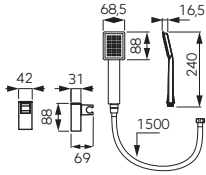


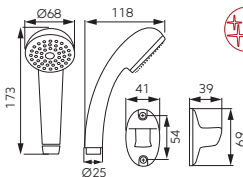


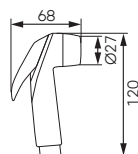
		Description	Colour	Index
		Simpla sliding shower set <ul style="list-style-type: none">• 1-function shower handle• stream: rain• 607 mm sliding metal bar• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• oval chrome soap dish included with set	chrome	N120
		Sinus sliding shower set <ul style="list-style-type: none">• 655 mm sliding metal bar• 1-function shower handle• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in brass braid• shower hose with conical tip• blister packing	chrome	N170B
		Phila sliding shower bar <ul style="list-style-type: none">• adjustable distance of the rod holder - adjustable upper holder• bar length: 730 mm• bar diameter: Ø 25 mm	chrome	SB375 NEW

		Description	Colour	Index
 		RAIL sliding shower bar <ul style="list-style-type: none">• bar length: 660 mm• bar diameter: Ø 18 mm		RAIL1.0
 		Extension kit for shower sets with integrated mixer <ul style="list-style-type: none">• 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
		Cosmetics shelf for shower sets <ul style="list-style-type: none">• sliding shelf - height adjustment on the bar• fits Ø 22 mm bars	chrome	NP-POL1




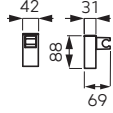




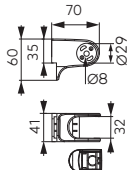

SHOWER SPOT SETS

		Description	Colour	Index
		Mulo spot shower set <ul style="list-style-type: none"> • shower handle with built-in click button • 3-function shower handle • streams: rain, massage, mixed • Ferro Easy Clean System <ul style="list-style-type: none"> - 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 <div>NEW</div>
		Rillo spot shower set <ul style="list-style-type: none"> • 3-function shower handle • streams: rain, massage, mixed • Ø 100 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder 	bright gold	U365G
		Jive spot shower set <ul style="list-style-type: none"> • 1-function shower handle • stream: rain • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • PVC shower hose 150 cm • shower hose with conical tip • single-point handle holder 	bright gold	U155G
		Sera spot shower set <ul style="list-style-type: none"> • 5-function shower handle • streams: rain, massage, mixed, light, mist • Ø 100 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder 	chrome	U500
		Sole spot shower set <ul style="list-style-type: none"> • 3-function shower handle • streams: rain, massage, mixed • Ø 83 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • 150 cm shower hose in brass braid • shower hose with conical tip • single-point handle holder 	chrome	U300
		Amigo Verdeline water savings spot shower set <ul style="list-style-type: none"> • 1-function shower handle • stream: rain • Ferro Air-in System <ul style="list-style-type: none"> - aeration of water stream • saving up to 50% of water • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal • SILVER PVC shower hose 150 cm • rotating handle mount • blister packing 	chrome	U190VL-B

		Description	Colour	Index
		 Sinus spot shower set <ul style="list-style-type: none">• 1-function shower handle• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- 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
		 Sinus spot shower set <ul style="list-style-type: none">• 1-function shower handle• spray mode: rain• Ferro Easy Clean System<ul style="list-style-type: none">- 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
		 Promo spot shower set <ul style="list-style-type: none">• 1-function shower handle• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in brass braid• shower hose with conical tip• single-point handle holder	chrome	U28B
		Presso hygienic chrome shower set <ul style="list-style-type: none">• 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



SHOWER HANDLE HOLDERS


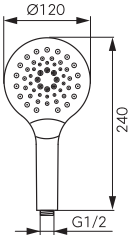


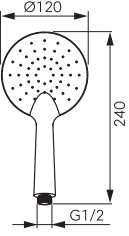


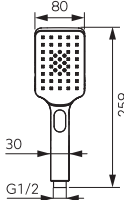


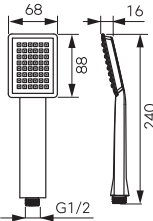


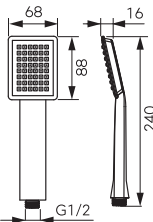


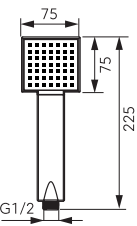

		Description	Colour	Index
 		Single-point shower handle holder • with adjustment of spray angle setting	chrome	U2170B
		Articulated brass shower handle	chrome	U33
		Single-point shower handle holder • with adjustment of spray angle setting	chrome	U05
		Single-point shower handle holder • with adjustment of spray angle setting	chrome	U03
		Single-point shower handle holder • with adjustment of spray angle setting	chrome	U2106
		Single-point shower handle	chrome	U02



Description	Colour	Index
Single-point shower handle	chrome	U01



SHOWER HANDLES

		Description	Colour	Index
 		Mulo shower handle <ul style="list-style-type: none"> • switching functions by the button • 3-function • streams: rain, massage, mixed • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal 	chrom	S334CR NEW
 		Phila shower handle <ul style="list-style-type: none"> • Auto Clean System <ul style="list-style-type: none"> - automatic removal of limescale from shower handle nozzles • 1-function • stream: rain • Ø: 120 mm 	black	S175BL
 		Click shower handle <ul style="list-style-type: none"> • switching functions by the button • 3-function • streams: rain, massage, mixed • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal 	chrome	S350-B
 		Sinus shower handle <ul style="list-style-type: none"> • 1-function • stream: rain • dimensions: 68x88 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal 	chrome	S170-B
 		Sinus shower handle <ul style="list-style-type: none"> • 1-function • stream: rain • dimensions: 68x88 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal 	black	S170BL-B
 		Squerto shower handle <ul style="list-style-type: none"> • 1-function • stream: rain • dimensions: 75x75 mm • Ferro Easy Clean System <ul style="list-style-type: none"> - easy limescale removal 	chrome	S22-B

			Description	Colour	Index
			Squerto shower handle <ul style="list-style-type: none">• 1-function• stream: rain• dimensions: 75x75 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	black	S22BL-B
		 	Vigo shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø: 100 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S75-B
		 	Vigo shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø: 100 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	black	S75BL-B
		  	Amigo Verdeline shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ferro Air-in System<ul style="list-style-type: none">- aeration of water stream• saving up to 50% of water• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• blister packing	chrome	S190VL-B
			Retro shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S160
		 	Grado shower handle <ul style="list-style-type: none">• 6-function• streams: rain, massage, strong rain, mixed, light, mist• Ø 120 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S40 Product available while stocks last.



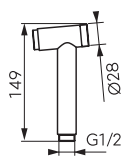
SHOWER HANDLES

			Description	Colour	Index
			Sera shower handle <ul style="list-style-type: none">• 5-function• streams: rain, massage, mixed, light, mist• Ø 100 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S500
			Mattino shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø 117 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S310
			Moderno shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ø 42 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S115
			Sole shower handle <ul style="list-style-type: none">• 3-function• streams: rain, light, mixed• Ø 100 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S300
			Casa shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø 78 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S305
			Quadro shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S110

		Description	Colour	Index
		 Stella shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ø 80 mm• Ferro Easy Clean System- easy limescale removal	chrome	S100
		  Cortina shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø 97 mm• Ferro Easy Clean System- easy limescale removal	chrome	S340
		  Cortina shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø: 97 mm• Ferro Easy Clean System- easy limescale removal	black	S340BL-B
		  Cortessa shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø 83 mm• Ferro Easy Clean System- easy limescale removal	chrome	S330
		  Cortessa shower handle <ul style="list-style-type: none">• 3-function• streams: rain, massage, mixed• Ø: 83 mm• Ferro Easy Clean System- easy limescale removal	black	S330BL-B
		 Milo shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ferro Easy Clean System- easy limescale removal	chrome	S318



SHOWER HANDLES



Description

Colour

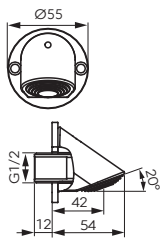
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Bidet shower handle

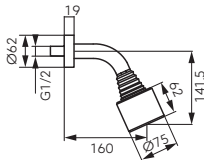
chrome

S66

- brass shower handle with AUTO- STOP system
- G1/2 connection fits any bath/shower or washbasin mixer with an additional G1/2 connection



Description	Colour	Index
Vandal Proof 1F shower head <ul style="list-style-type: none">• 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


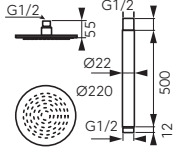




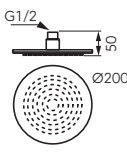




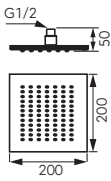




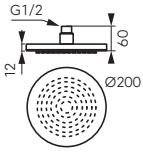



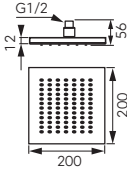




Shower set with 2-function head <ul style="list-style-type: none">• 2-function• Ferro Easy Clean System - easy limescale removal• shower arm with ball joint	chrome	NPG01
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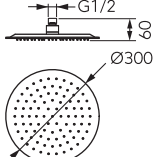




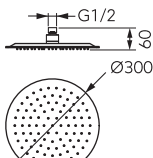




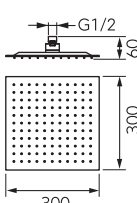




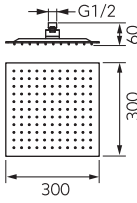



RAIN SHOWER HEADS


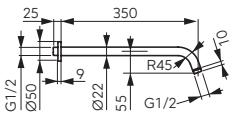

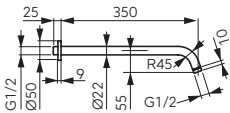

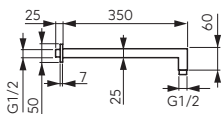

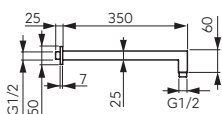

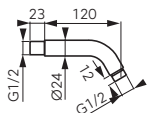
		Description	Colour	Index
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • Slimline overhead shower plate 200 mm - stainless steel • Ferro Easy Clean System - easy limescale removal • 310 mm long shower arm • ball joint - angle adjustment of shower head plate • G1/2 connection • rosette 	chrome	NPT11
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • 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
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • 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
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • 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
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • 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
		Shower set - arm with Slimline rain shower <ul style="list-style-type: none"> • 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

			Description	Colour	Index
		  	Rotondo 9 ceiling shower set <ul style="list-style-type: none">• Ø 220 mm brass plate head• stream: rain• Ferro Easy Clean System - easy limescale removal• shower arm L=500 mm• ball-joint - adjustable angle of overhead shower plate• G1/2 connection• rosette	chrome	NPT02
		  	Slim rain shower head 200 <ul style="list-style-type: none">• 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
		  	Slim rain shower head 200x200 <ul style="list-style-type: none">• 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
		 	Rondo rain shower head 200 <ul style="list-style-type: none">• 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
		 	Squerto rain shower head 200x200 <ul style="list-style-type: none">• 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



RAIN SHOWER HEADS


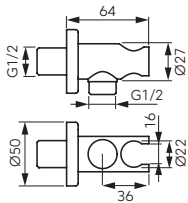

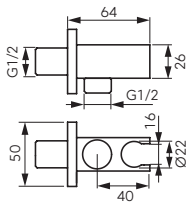

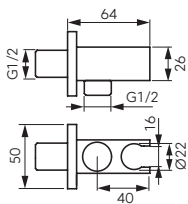
			Description	Colour	Index
		  	Slim rain shower head 300 <ul style="list-style-type: none">• Ø 300 mm• stream: rain• Ferro Easy Clean System - easy removal of limescale• ball-joint - adjustable angle of overhead shower plate• G1/2 connection with joint• material: stainless steel	chrome	DSN07
		  	Slim rain shower head 300 <ul style="list-style-type: none">• 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
		  	Slim rain shower head 300x300 <ul style="list-style-type: none">• 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
		  	Slim rain shower head 300x300 <ul style="list-style-type: none">• 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

		Description	Colour	Index
		Shower arm for overhead shower <ul style="list-style-type: none">• L=350 mm• G1/2 connection• rosette	chrome	RN350
		Shower arm for overhead shower <ul style="list-style-type: none">• L=350 mm• G1/2 connection• rosette	black	RN350BL
		Square shower arm for overhead shower <ul style="list-style-type: none">• L=350 mm• G1/2 connection• rosette	chrome	RN350K
		Square shower arm for overhead shower <ul style="list-style-type: none">• L=350 mm• G1/2 connection• rosette	black	RN350KBL
		Shower arm for shower heads <ul style="list-style-type: none">• L= 120 mm• G1/2 connection• rosette	chrome	RN12



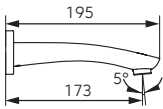
ANGLE CONNECTORS FOR FLUSH-MOUNTED SYSTEMS

		Description	Colour	Index
		Angle connection for shower hose • G1/2 connection	chrome	PKN11
		Angle connection for shower hose • G1/2 connection	black	PKN11BL
		Angle connection for shower hose • G1/2 connection • rosette	chrome	PKN12
		Angle connection for shower hose • G1/2 connection • rosette	chrome	PKN13
		Angle connection for shower hose • G1/2 connection • rosette	black	PKN13BL
		Angle connection with holder for shower hose • shower holder • G1/2 connection • rosette	chrome	PKN14











		Description	Colour	Index
		Angle connection with holder for shower hose <ul style="list-style-type: none">• shower holder• G1/2 connection• rosette	black	PKN14BL
		Angle connection with holder for shower hose <ul style="list-style-type: none">• shower holder• G1/2 connection• rosette	chrome	PKN15
		Angle connection with holder for shower hose <ul style="list-style-type: none">• shower holder• G1/2 connection• rosette	black	PKN15BL



SPOUTS FOR BUILT-IN MIXERS
























Description	Colour	Index
Flush mounted bath spout <ul style="list-style-type: none">• G1/2 connection• rosette	chrome	WWP02

		Description	Colour	Index
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• two conical nuts	silver shine	W41
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• two conical nuts	silver	W40
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	silver flex	W53
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	silver duo flex	W54
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• two conical nuts	white	W42
		PVC shower hose <ul style="list-style-type: none">• L=150 cm• two conical nuts	black	W43



SHOWER HOSES

		Description	Colour	Index
		Metal braided shower hose <ul style="list-style-type: none">• L=200 cm• conical nut	chrome	W45
		Metal braided shower hose <ul style="list-style-type: none">• L=200 cm	chrome	W44
		Metal braided shower hose <ul style="list-style-type: none">• L=175 cm• conical nut	chrome	W07
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm• reinforced• conical nut	chrome	W47
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm - 200 cm• extensible• conical nut	chrome	W05
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	chrome	W12

		Description	Colour	Index
		Metal braided shower hose <ul style="list-style-type: none">• L=120 cm• conical nut	chrome	W13
		Metal braided shower hose <ul style="list-style-type: none">• L=70 cm• for connecting shower sets with mixers	chrome	W06
		Metal braided shower hose <ul style="list-style-type: none">• L=50 cm• for connecting shower sets with mixers	chrome	W04
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	black	W33
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	old bronze	W34
		Metal braided shower hose <ul style="list-style-type: none">• L=150 cm• conical nut	gold	W35





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
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RETRO
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EMOTION
144



GRETA
147



GRETA
149



SMILE
151



MEPHISTO
153

TOILET SEATS



TOILET SEATS - MDF
156


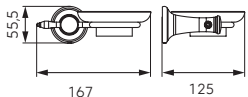

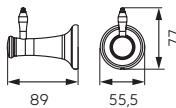



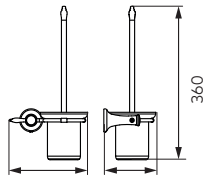

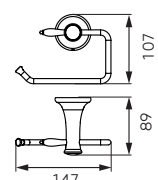

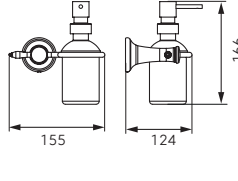

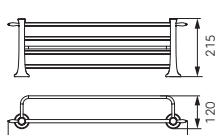
TOILET SEATS - DUROPLAST
158




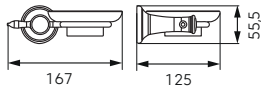

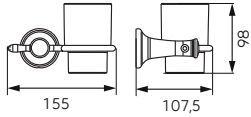

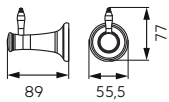

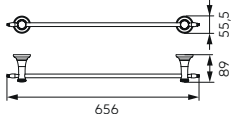


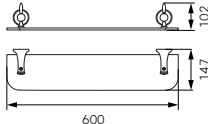
TOILET SEATS - PRINTING
160

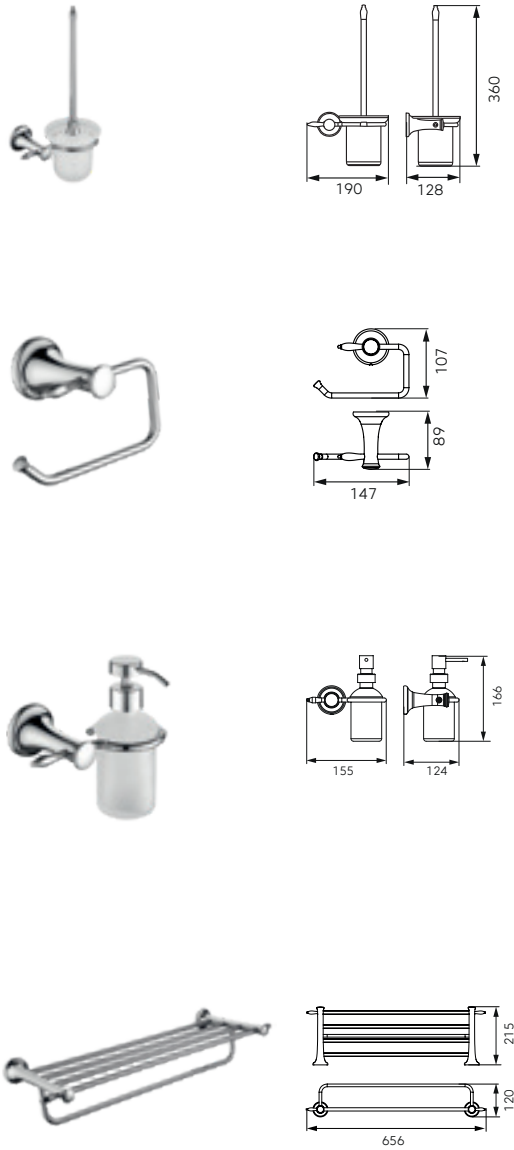




ANTICA

		Description	Colour	Index
 		Glass soap tray	old bronze	AAI02BR
		Single-cup	old bronze	AAI03BR
		Single hook	old bronze	AAI05BR
		Towel rail single • 600 mm	old bronze	AAI09BR
		Towel rail double • 600 mm	old bronze	AAI10BR
 		Glass shelf	old bronze	AAI13BR

		Description	Colour	Index
		Toilet brush	old bronze	AAI14BR
		Toilet paper holder	old bronze	AAI33BR
		Soap dispenser	old bronze	AAI34BR
		Towel rack with towel holder	old bronze	AAI35BR


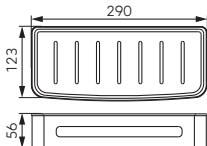

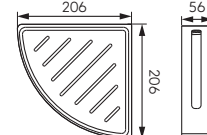

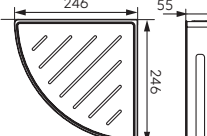

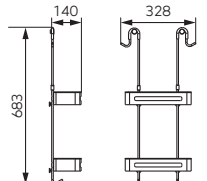

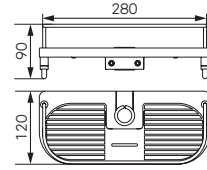

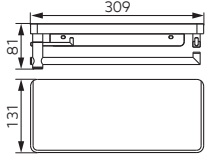


		Description	Colour	Index
 		Glass soap tray	chrome	ARE02
 		Single-cup	chrome	ARE03
 		Single hook	chrome	ARE05
 		Towel rail single • 600 mm	chrome	ARE09
		Towel rail double • 600 mm	chrome	ARE10
 		Glass shelf	chrome	ARE13

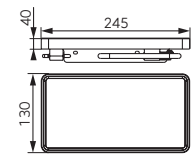
		Description	Colour	Index
		Toilet brush	chrome	ARE14
		Toilet paper holder	chrome	ARE33
		Soap dispenser	chrome	ARE34
		Towel rack with towel holder	chrome	ARE35



		Description	Colour	Index
 		Soap dish	steel/white	65548,4
 		Five-hook	steel/white	65543,4
 		Double-hook	steel/white	65556,4
 		Shower shelf	steel/white	65577,4
 		Shower corner shelf	steel/white	65578,4
 		Shower shelf • large	steel/white	65585,4

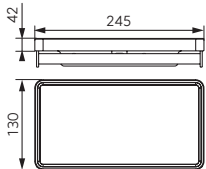
		Description	Colour	Index
 		Shower shelf	steel/white	65568,4
 		Shower corner shelf	steel/white	65564,4
 		Shower corner shelf • large	steel/white	65579,4
 		Stainless steel double shelf • hanging	steel/white	65575,4
 		Universal shelf for sliding shower set	steel/white	65580,1
 		Shelf with adjustable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






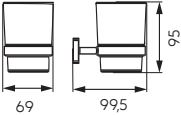

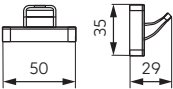

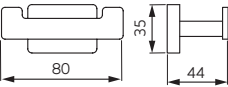

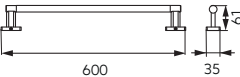

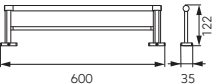


Description	Colour	Index
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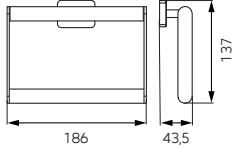

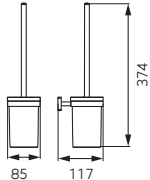

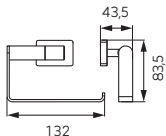

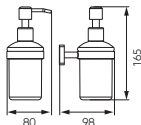
Shelf with toilet paper holder and hook	steel/white	65540,1
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Shelf with double toilet paper holder	steel/white	65581,1
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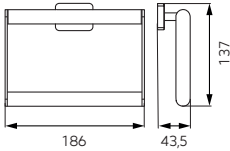

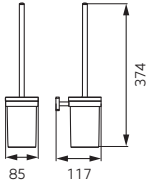

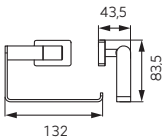

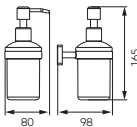
		Description	Colour	Index
		Glass soap tray	chrome	AGR02
		Single-cup	chrome	AGR03
		Single hook	chrome	AGR05
		Double hook	chrome	AGR06 NEW
		Towel rail single • 600 mm	chrome	AGR09
		Towel rail double • 600 mm	chrome	AGR10


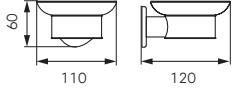

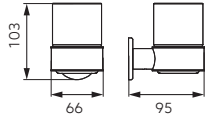

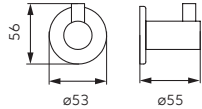

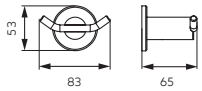

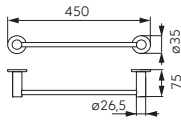

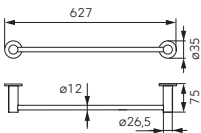


		Description	Colour	Index
		Square towel rail	chrome	AGR11
		Toilet brush	chrome	AGR14
		Toilet paper holder	chrome	AGR33
		Soap dispenser	chrome	AGR34

		Description	Colour	Index
		Glass soap tray	black	AGR02BL
		Single-cup	black	AGR03BL
		Single hook	black	AGR05BL
		Double hook	black	AGR06BL NEW
		Towel rail single • 600 mm	black	AGR09BL
		Towel rail double • 600 mm	black	AGR10BL


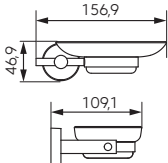

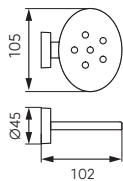

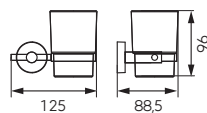

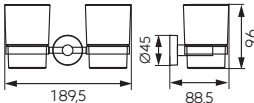

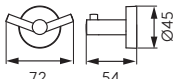

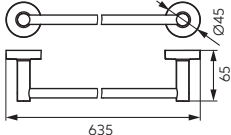


		Description	Colour	Index
		Square towel rail	black	AGR11BL
		Toilet brush	black	AGR14BL
		Toilet paper holder	black	AGR33BL
		Soap dispenser	black	AGR34BL


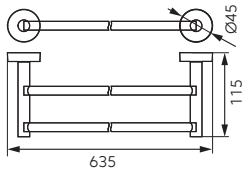

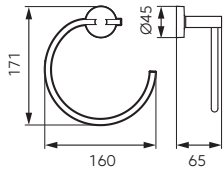

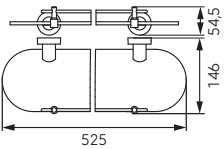

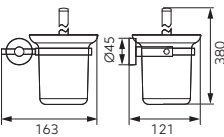

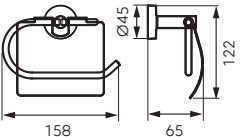

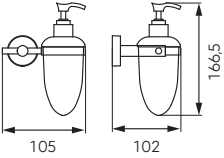
		Description	Colour	Index
		Glass soap tray • glassware	chrome	ASM02
		Single-cup • length: 500 mm • glassware	chrome	ASM03
		Single hook	chrome	ASM05
		Double hook	chrome	ASM06
		Towel rail single • 450 mm	chrome	ASM07
		Towel rail single • 600 mm	chrome	ASM09

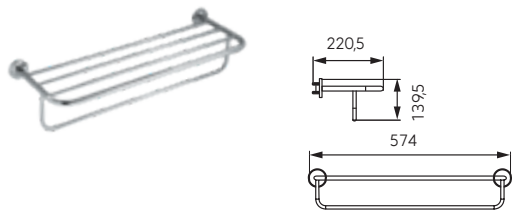


		Description	Colour	Index
 		Towel rail double • 600 mm	chrome	ASM10
 		Glass shelf • 500 x 140 mm	chrome	ASM13
 		Toilet brush	chrome	ASM14
 		Toilet paper holder	chrome	ASM33
 		Soap dispenser	chrome	ASM34
 		Towel rack with towel holder	chrome	ASM35

		Description	Colour	Index
		Glass soap tray	chrome	6836,0
		Metal soap tray	chrome	6848,0
		Single-cup	chrome	6806,0
		Double-cup	chrome	6857,0
		Double hook	chrome	6856,0
		Towel rail single • 600 mm	chrome	6828,0




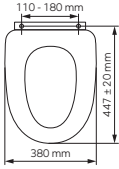

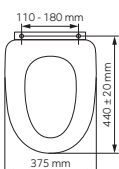

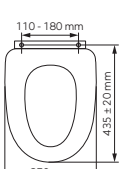

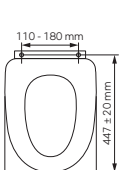

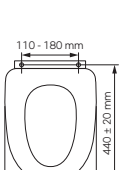

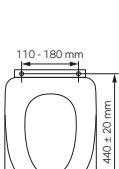
		Description	Colour	Index
		Towel rail double • 600 mm	chrome	6825,0
		Round towel rail	chrome	6803,0
		Glass shelf	chrome	6853,0
		Toilet brush	chrome	6833,0
		Toilet paper holder	chrome	6838,0
		Soap dispenser	chrome	6855,0


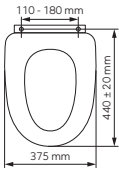

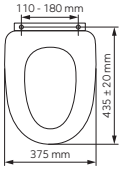

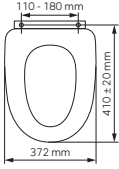

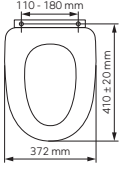

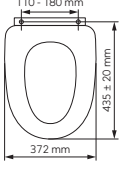

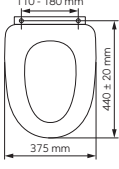


Description	Colour	Index
Towel rack with towel holder	chrome	6845,0









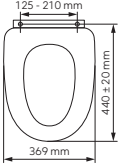
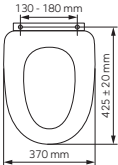
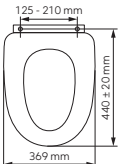
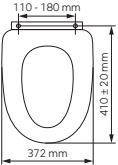
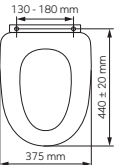
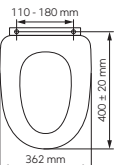
TOILET SEATS


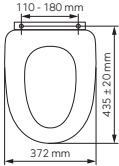

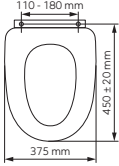

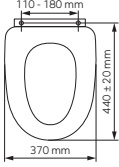

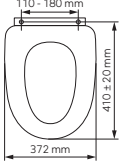

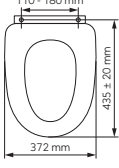

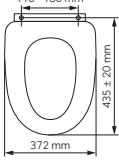
		Description	Colour	Index
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/DUBVELVET
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/BRIZA
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/JASAN
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/SOFTJASAN
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/BAMBUS
		Toilet seat <ul style="list-style-type: none"> • MDF with veneer • metal-chrome hinges 		WC/BOROVICE

		Description	Colour	Index
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/ORECH
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/BUK
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/ORECHLYRA
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/SOFTORECHLY
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/DUB2
		Toilet seat <ul style="list-style-type: none">• MDF with veneer• metal-chrome hinges		WC/WENGE




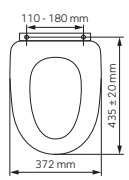

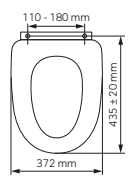

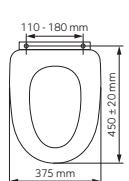

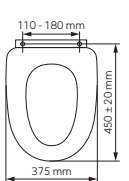

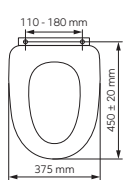
TOILET SEATS

		Description	Colour	Index
     		Toilet seat <ul style="list-style-type: none"> • duroplast • reinforced plastic hinges • slow-falling • antibacterial 	black	WC/BLACK <div>NEW</div>
		Toilet seat <ul style="list-style-type: none"> • duroplast white • plastic hinges 	white	WC/UNIVERSAL
		Toilet seat <ul style="list-style-type: none"> • duroplast • reinforced plastic hinges • slow-falling 	white	WC/SOFTNEW <div>NEW</div>
		Toilet seat <ul style="list-style-type: none"> • MDF white • metal-chrome hinges • slow-falling 	white	WC/SOFTMUSLELY
		Toilet seat <ul style="list-style-type: none"> • MDF white • metal-chrome hinges • slow-falling 	white	WC/SOFTMDF
		Toilet seat <ul style="list-style-type: none"> • MDF white • metal-chrome hinges • slow-falling 	white	WC/SOFTLYRA

		Description	Colour	Index
		Toilet seat <ul style="list-style-type: none">• MDF white• metal-chrome hinges	white	WC/BILA
		Toilet seat <ul style="list-style-type: none">• MDF white• metal-chrome hinges	white	WC/BILAMDF
		Toilet seat <ul style="list-style-type: none">• MDF white• metal-chrome hinges	white	WC/PROVENCE
		Toilet seat <ul style="list-style-type: none">• MDF white• metal-chrome hinges	white	WC/MUSLELYRA
		Toilet seat <ul style="list-style-type: none">• MDF with printing• metal-chrome hinges• slow-falling	printing	WC/SOFTSTONE2
		Toilet seat <ul style="list-style-type: none">• MDF with printing• metal-chrome hinges• slow-falling	printing	WC/SOFTSTONE1



TOILET SEATS

		Description	Colour	Index
 		Toilet seat <ul style="list-style-type: none"> • MDF with printing • metal-chrome hinges 	printing	WC/SOFT3D
 		Toilet seat <ul style="list-style-type: none"> • duroplast white • hardened plastic hinges 	printing	WC/SOFTNATURE
 		Toilet seat <ul style="list-style-type: none"> • MDF with printing • metal-chrome hinges 	printing	WC/DELFIN
 		Toilet seat <ul style="list-style-type: none"> • MDF with printing • metal-chrome hinges 	printing	WC/STENATA
 		Toilet seat <ul style="list-style-type: none"> • MDF with printing • metal-chrome hinges 	printing	WC/MEDVEDI

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
162



SIPHONS
165



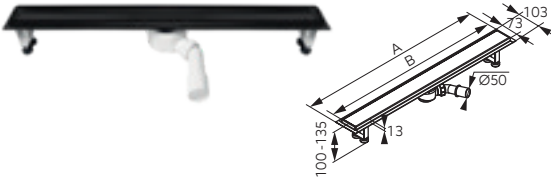
DRAIN VALVES
167



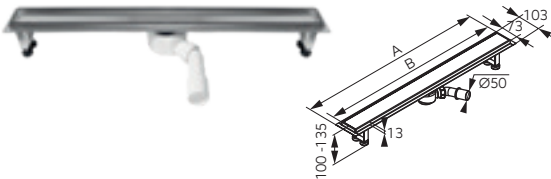
ANGLE VALVES
171

LINEAR DRAINS

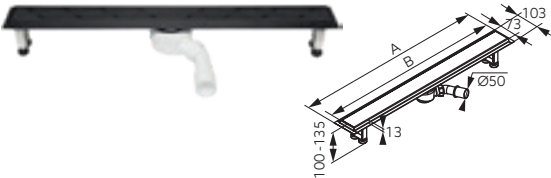
	Description	Colour	Index
	Super Slim Pro <ul style="list-style-type: none">• linear drain• throughput up to 48 l/min• connection Ø40 mm• waterproofing collar• integrated steel siphon with inspection hole• inspection plug - easy access to siphon• building height: 49 mm• outflow width: 45 mm		
A [mm]			
600	black		OLSP1-60-BL
700	black		OLSP1-70-BL
800	black		OLSP1-80-BL
	Super Slim Pro <ul style="list-style-type: none">• 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
700	stainless steel		OLSP1-70
800	stainless steel		OLSP1-80
	Wall Slim <ul style="list-style-type: none">• 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
	Wall Slim <ul style="list-style-type: none">• 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



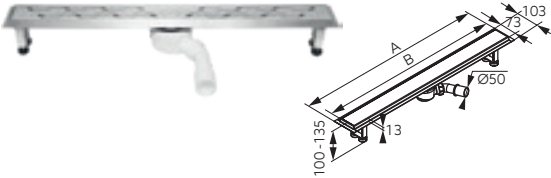
Description		Colour	Index
Linear drain installed under floor tiles <ul style="list-style-type: none">throughput: 54 l/minadjustable legswaterproofing collardilatations			
A [mm]	B [mm]		
730	700	black	OLP1-70-BL
800	800	black	OLP1-80-BL



Linear drain installed under floor tiles <ul style="list-style-type: none">throughput: 54 l/minadjustable legswaterproofing collarmanually polisheddilatations			
A [mm]	B [mm]		
730	700	stainless steel	OLP1-70
830	800	stainless steel	OLP1-80



Linear drain <ul style="list-style-type: none">throughput: 54 l/minadjustable legswaterproofing collardilatations			
A [mm]	B [mm]		
730	700	black	OL70-BL
830	800	black	OL80-BL

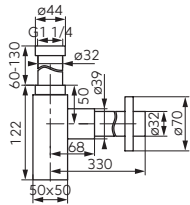
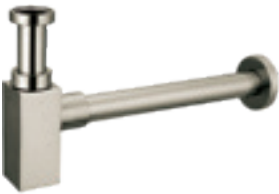


Linear drain <ul style="list-style-type: none">throughput: 54 l/minadjustable legswaterproofing collarmanually polisheddilatations			
A [mm]	B [mm]		
730	700	stainless steel	OL70
830	800	stainless steel	OL80

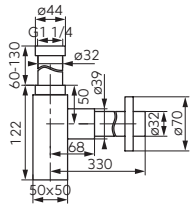


LINEAR DRAINS

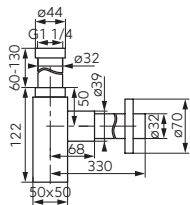
	Description	Colour	Index
	Ora <ul style="list-style-type: none">• linear drain• throughput: 54 l/min• adjustable legs• waterproofing collar• dilatations		
	A [mm]	B [mm]	
	730	700	black OL1-70-BL
			
	A [mm]	B [mm]	
	830	800	black OL1-80-BL
	Ora <ul style="list-style-type: none">• linear drain• throughput: 54 l/min• adjustable legs• waterproofing collar• manually polished• dilatations		
	A [mm]	B [mm]	
	730	700	stainless steel OL1-70
			
	A [mm]		
	830	800	stainless steel OL1-80
	Easy New <ul style="list-style-type: none">• 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
	700	stainless steel	OLE1-70



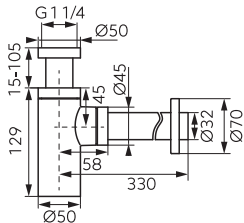
Description	Colour	Index
Quadro bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 300 mm• rosette	brushed nickel	S280NC



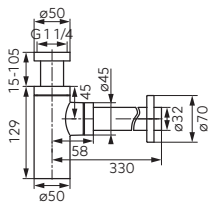
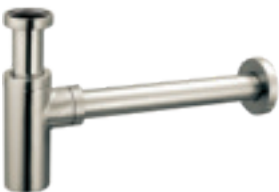
Quadro bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 300 mm• rosette	chrome	S280
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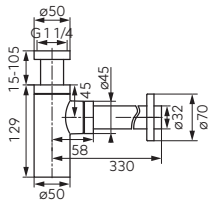
Quadro bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 300 mm• rosette	black	S280-BL
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Quadro bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 300 mm• rosette	gold	S280G
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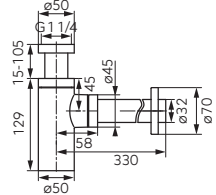

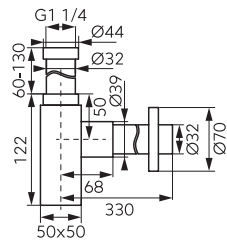

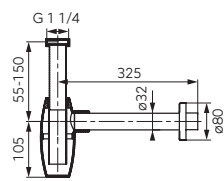

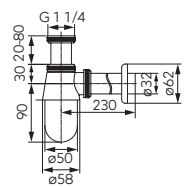

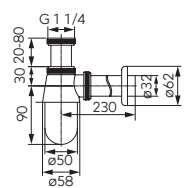

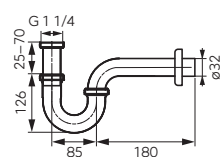
Bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 330 mm• rosette	brushed nickel	S282NC
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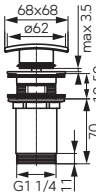


Bottle siphon <ul style="list-style-type: none">• G1 1/4 x 32 mm• outlet pipe adjustable up to 330 mm• rosette	chrome	S282
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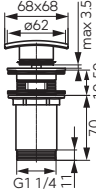


SIPHONS

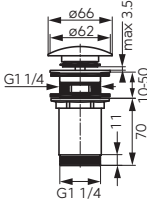
		Description	Colour	Index
		Bottle siphon • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	black	S282-BL
		Bottle siphon • G1 1/4 x 32 mm • outlet pipe adjustable up to 330 mm • rosette	gold	S282G
		Oval siphon • G1 1/4 x 32 mm • outlet pipe adjustable up to 320 mm • rosette	chrome	S286
		Universal brass bottle trap	chrome	S30
		Universal brass bottle trap	black	S30-BL
		Pipe siphon • G1 1/4 x 32 mm • outlet pipe adjustable up to 180 mm • rosette	chrome	S281



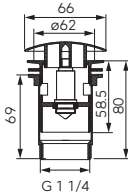
Description	Colour	Index
Quadro drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass		
Packaging		
box	chrome	S284
blister	chrome	S284-B



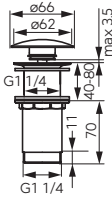
	black	S284-BL-B
Quadro drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass		



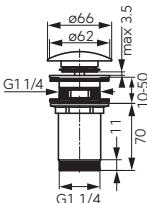
	old bronze	S285BR
Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: box		



Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass		
Packaging		
box	brushed nickel	S285NC
blister	brushed nickel	S285NC-B




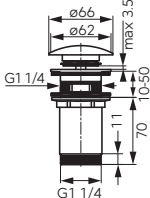

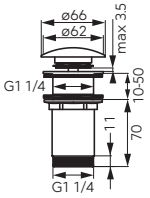

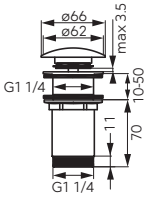

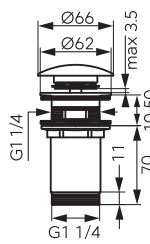

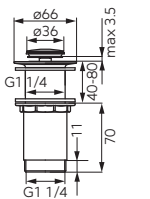

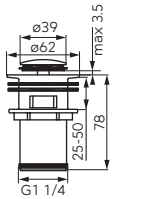
Tall drain valve G5/4 <ul style="list-style-type: none">• for countertop washbasins without overflow• brass		
Packaging		
box	chrome	S285-WBP
blister	chrome	S285-WBP-B

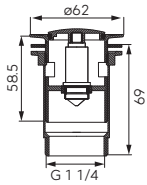


Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass		
Packaging		
box	chrome	S285
blister	chrome	S285-B

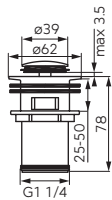


DRAIN VALVES

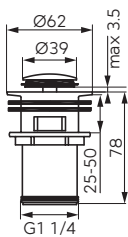
		Description	Colour	Index
		Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: blister	black	S285-BL-B
		Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins without overflow• brass		
		Packaging		
		box	chrome	S285B
		blister	chrome	S285B-B
		Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins without overflow• brass• packaging: blister	black	S285B-BL-B
		Rotondo drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: box	gold	S285G
		Tall drain valve G5/4 <ul style="list-style-type: none">• for countertop washbasins without overflow• brass		
		Packaging		
		box	chrome	S283-WBP
		blister	chrome	S283-WBP-B
		Drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass		
		Packaging		
		box	chrome	S283
		blister	chrome	S283-B



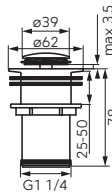
Description	Colour	Index
Drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: box	brushed nickel	S283NC



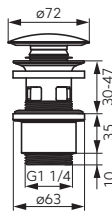
Drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: blister	black	S283-BL-B
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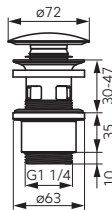
Drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• brass• packaging: box	gold	S283G
---	------	--------------



Universal closed drain valve G5/4 <ul style="list-style-type: none">• without overflow• brass		
Packaging		
box	chrome	S283B
blister	chrome	S283B-B



Drain valve G5/4 <ul style="list-style-type: none">• black ceramic plug• for washbasins with overflow• made of durable polypropylene		
Packaging		
box	black	S288PPCB
blister	black	S288PPCB-B

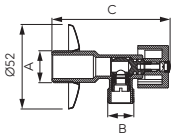


Drain valve G5/4 <ul style="list-style-type: none">• white ceramic plug• for washbasins with overflow• made of durable polypropylene		
Packaging		
box	white	S288PPC
blister	white	S288PPC-B



DRAIN VALVES

		Description	Colour	Index
		Drain valve G5/4 <ul style="list-style-type: none">• for washbasins with overflow• made of durable polypropylene• packaging: blister	chrome	S287PP-B
		Drain valve G5/4 <ul style="list-style-type: none">• black metal plug• for washbasins with overflow• made of durable polypropylene• packaging: blister	black	S289BL-B
		Drain valve G5/4 <ul style="list-style-type: none">• black metal plug• for washbasins with overflow• made of durable polypropylene• packaging: blister	black	S290BL-B
		Automatic washbasin plug G5/4 <ul style="list-style-type: none">• brass	chrome	K39
		Automatic washbasin plug G5/4 <ul style="list-style-type: none">• made of plastic with a brass string	chrome	K39TW

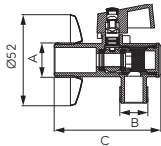


Description

Ball valve with rosette and metal knob

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

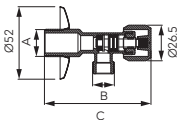
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	75,2	1/2"x3/8"	Z1238K
G1/2	G1/2	75,2	1/2"x1/2"	Z1212K
G1/2	G3/4	75,2	1/2"x3/4"	Z1234K



Ball valve with filter with rosette and metal knob

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

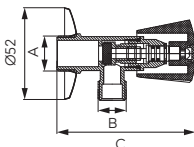
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	63	1/2"x3/8"	Z1238KF
G1/2	G1/2	63	1/2"x1/2"	Z1212KF
G1/2	G3/4	63	1/2"x3/4"	Z1234KF



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
G1/2	G3/8	78,5	1/2"x3/8"	Z1238G
G1/2	G1/2	78,5	1/2"x1/2"	Z1212G
G1/2	G3/4	78,5	1/2"x3/4"	Z1234G



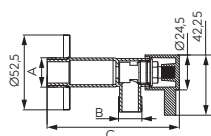
Mushroom valve

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

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



ANGLE VALVES

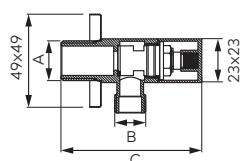


Description

Angle valve with ceramic head

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

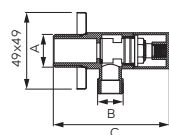
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	98	1/2"x3/8"	Z1238C
G1/2	G1/2	98	1/2"x1/2"	Z1212C
G1/2	G3/4	98	1/2"x3/4"	Z1234C



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

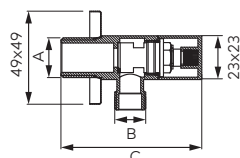
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	74,5	1/2"x3/8"	Z293-BL
G1/2	G1/2	74,5	1/2"x1/2"	Z294-BL



Angle valve with ceramic head and rosette

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

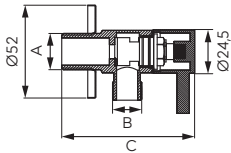
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	74,5	1/2"x3/8"	Z293
G1/2	G1/2	74,5	1/2"x1/2"	Z294



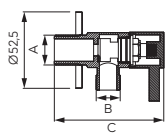
Angle valve with ceramic head and rosette

- 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

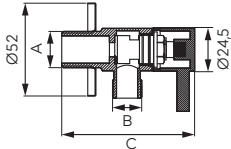
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	75	1/2"x3/8"	Z293-G
G1/2	G1/2	75	1/2"x1/2"	Z294-G



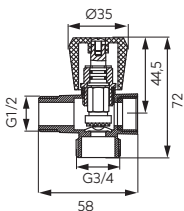
Description				
Angle valve with ceramic head and rosette <ul style="list-style-type: none">• ceramic head• no contact of flowing water with paint finish• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 100°C• finish: black matt				
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	75	1/2"x3/8"	Z295-BL
G1/2	G1/2	75	1/2"x1/2"	Z296-BL



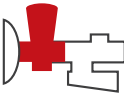
Angle valve with ceramic head and rosette <ul style="list-style-type: none">• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 90 °C				
A	B	C [mm]	connection dimensions	Index
G1/2	G3/8	75,3	1/2"x3/8"	Z295
G1/2	G1/2	75,3	1/2"x1/2"	Z296



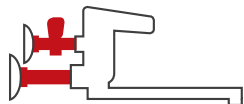
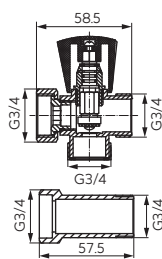
Angle valve with ceramic head and rosette <ul style="list-style-type: none">• ceramic head• no contact of flowing water with paint finish• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 100°C• finish: gold, PVD coating				
A	B	C [mm]	connection dimensions	Indeks
G1/2	G3/8	75	1/2"x3/8"	Z295-G
G1/2	G1/2	75	1/2"x1/2"	Z296-G



3-way poppet valve <ul style="list-style-type: none">• 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
G1/2	G3/4		1/2"x3/4"	CF3019A



ANGLE VALVES



Description

Washing machine connection valve

Z250

- with 3/4 extension
- nominal pressure: 1.0 MPa (10 bar)
- maximum working temperature: 100°C



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



CUMULUS
180



LIBRETTO
180



LUGIO
180



MAESTRO
181



RATIO
181



ALGEO
183



VASTO
183



STILLO
184



SMILE
184



RITTO
184



RETRO
186



STANDARD
186



ZUMBA SLIM 2F
187



ZUMBA II
188



ZUMBA
189

LOW PRESURE MIXERS



CARMEN
192



LUGIO
192



RATIO
192



ZUMBA
192

BLACK



LUGIO
181



RATIO
181



ZICCO
182



ZUMBA NERO
190



ADORE
182

BRIGHT GOLD



FIESTA
183

GRANIT GRAPHITE



FREYA
186

GRANIT SANDY



FREYA
186



SONATA
181



TOLEDO
181



ZICCO
182



ALGEO SQUARE
182



FIESTA
182



FERRO ONE
184



SAVIO
185



ISSO
185



BASIC
185



RETRO NEW
185



SPOUTS FOR KITCHEN MIXERS
193

STAINLESS STEEL



CAMIRA INOX
180



CAMIRO INOX
180



ZUMBA INOX
190



ZUMBA INOX
190











ANTICA
185

OLD BRONZE

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	two spouts	pull-out handle
180	Cumulus		●	●			●		
180	Camira		●						
180	Camiro		●						
180	Libretto		●	●			●		
180	Lugio		●						
181	Maestro	●	●	●					
181	Ratio		●						
181	Sonata	●	●	●					
181	Toledo		●	●		●			
182	Adore		●						
182	Zicco		●						
182	Algeo Square		●						
182	Fiesta		●						
183	Algeo		●				●		●
183	Vasto		●				●		●
184	Stillo		●						
184	Smile		●						
184	Ritto		●						
184	Ferro One		●						
185	Savio		●						
185	Isso		●						
185	Basic		●						
185	Antica		●						
185	Retro New		●						
186	Retro		●						
186	Standard		●						
186	Freya		●				●		●
187	Zumba Slim 2F		●		●		●		
188	Zumba II		●		●		●		
189	Zumba		●		●				
190	Zumba Nero		●		●				
190	Zumba Inox		●		●				
192	Carmen		●						

Colour combinations


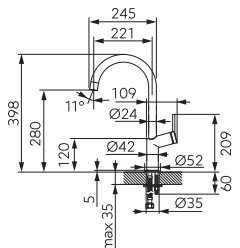

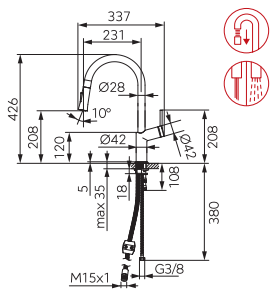

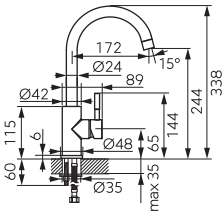

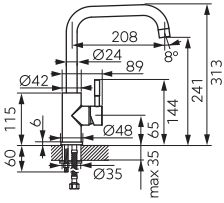

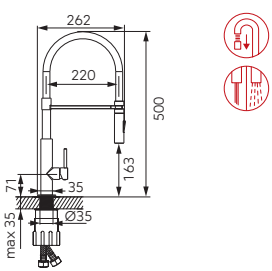

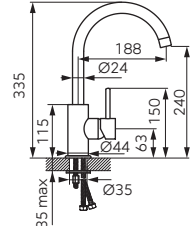
The elegant appearance of the mixer emphasizes both its attractive design and impressive surfaces. The colour scheme of the product can enliven or brighten up the kitchen arrangement, or blend in perfectly with the interior design.


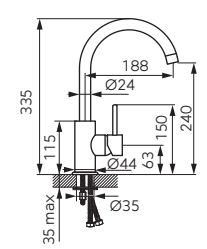

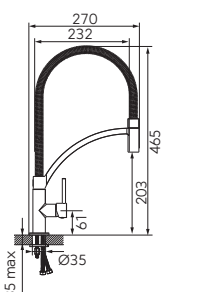


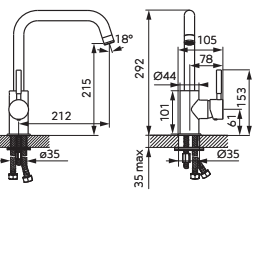

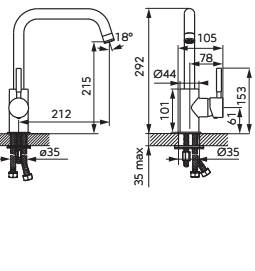

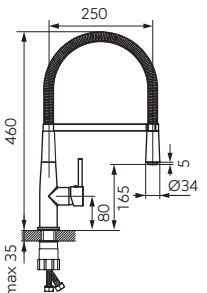


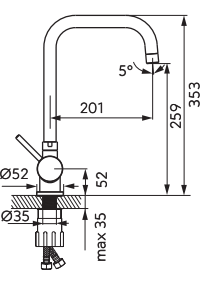



KITCHEN FITTINGS


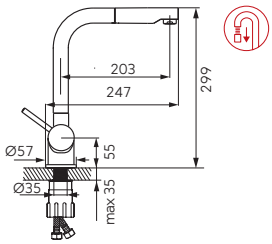

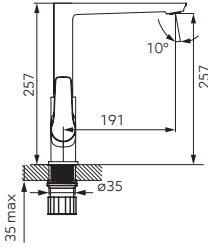

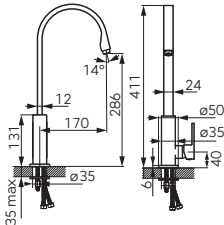

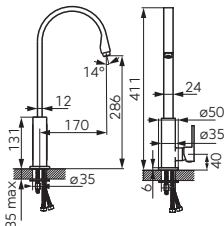

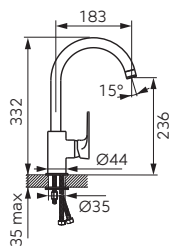

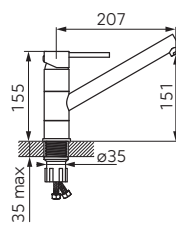
										
Page number	Series name	chrome	steel	brushed gold	black-chrome	black	white-chrome	granite	old bronze	bright gold
180	Cumulus	●								
180	Camira		●							
180	Camiro		●							
180	Libretto	●								
180	Lugio	●				●				
181	Maestro	●								
181	Ratio	●				●				
181	Sonata	●								
181	Toledo	●								
182	Adore						●			
182	Zicco	●				●				
182	Algeo Square	●			●					
182	Fiesta	●								●
183	Algeo	●				●				
183	Vasto	●								
184	Stillo	●								
184	Smile	●								
184	Ritto	●								
184	Ferro One	●								
185	Savio	●								
185	Isso	●								
185	Basic	●								
185	Antica								●	
185	Retro New	●								
186	Retro	●								
186	Standard	●								
186	Freya							●		
187	Zumba Slim 2 F	●								
188	Zumba II	●								
189	Zumba	●								
190	Zumba Nero					●				
190	Zumba Inox		●	●						
192	Carmen	●								

STANDING KITCHEN MIXERS

		Description	Colour	Index
		Cumulus standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BCU4 NEW
		Cumulus standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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 NEW
		Camira Inox standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	stainless steel	BCR4
		Camiro Inox standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	stainless steel	BCQ4
		Libretto standing sink mixer with pull-out flexible spout <ul style="list-style-type: none">• 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
		Lugio standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BLG4

 	Lugio standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	black	BLG4BL
  	Maestro standing sink mixer with pull-out handle <ul style="list-style-type: none"> • Cold Start ceramic cartridge • single hole assembly • M18.5x1 flow regulator • swivel spout • pull-out spout • flexible connections G3/8 - M8x1 	chrome	BMS4
 	Ratio standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BTI4
 	Ratio standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	black	BTI4BL
  	Sonata standing sink mixer with pull-out handle <ul style="list-style-type: none"> • Cold Start ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • pull-out spout • flexible connections G3/8 - M10x1 	chrome	BNA4
  	Toledo folding sink mixer <ul style="list-style-type: none"> • 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


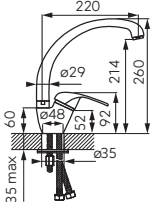

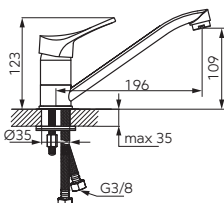

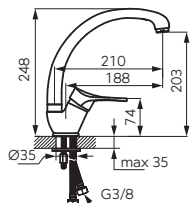

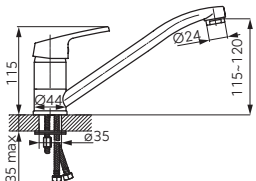

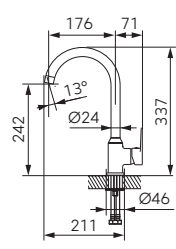

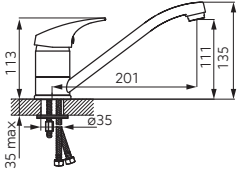
STANDING KITCHEN MIXERS


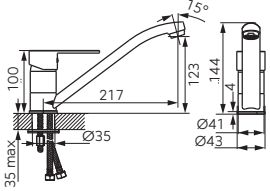

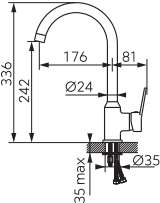


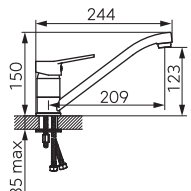


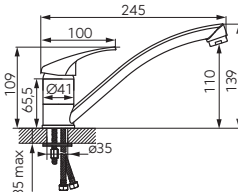

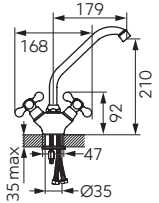

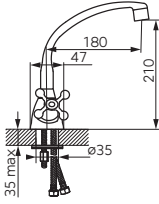
		Description	Colour	Index
		Toledo standing sink mixer with pull-out handle	chrome	BTD4PO
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout with pull-out handle • flexible connections • G3/8 – M10x1 		
		Adore White/Chrome standing sink mixer	white-chrome	BDR4
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 aerator • swivel spout • flexible connections • G3/8 - M10x1 		
		Zicco standing sink mixer	chrome	BZI4
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • flexible connections • G3/8 - M10x1 		
		Zicco Black standing sink mixer	black	BZI4BL
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • flexible connections • G3/8 - M10x1 		
		Algeo Square standing sink mixer	chrome	BAQ4
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections • G3/8 - M10x1 		
		Fiesta standing sink mixer	chrome	BFI4
		<ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M18x1 flow regulator • swivel spout • flexible connections • G3/8 - M10x1 		

		Description	Colour	Index
		Fiesta standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M18x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	bright gold	BFI4G NEW
		Algeo standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M22x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BAG4
		Algeo standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BAG4A
		Algeo standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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
		Vasto standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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
		Vasto standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BVA4




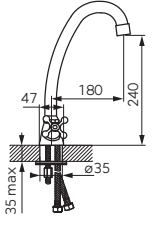

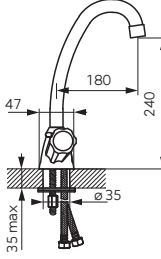

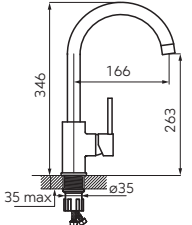

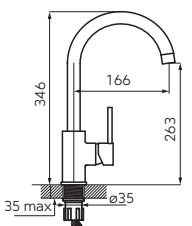

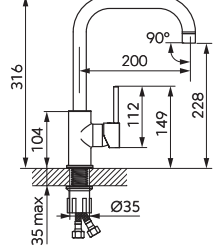

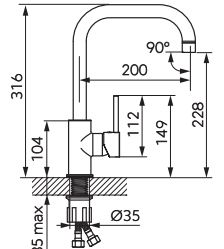
STANDING KITCHEN MIXERS


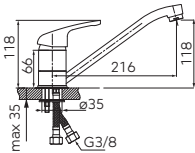

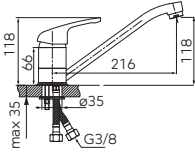

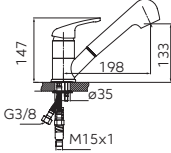


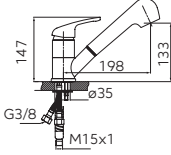


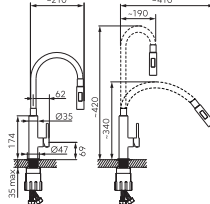


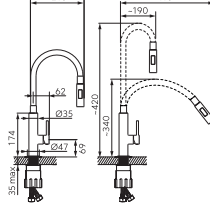

		Description	Colour	Index
		Vasto asymmetric standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BVA4A
		Stillo standing sink mixer with rotating spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BSL4
		Stillo asymmetric standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BSL4A
		Smile standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BSM4
		Ritto standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BTR4 NEW
		Ferro One standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BFO4

		Description	Colour	Index
 		Savio standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BSV4
  		Isso standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BIS4
  		Isso standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BIS4A
 		Basic standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BBC4
 		Antica standing sink mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	old bronze	BAI4BR
 		Retro New standing sink mixer <ul style="list-style-type: none"> • ceramic heads • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	XD4



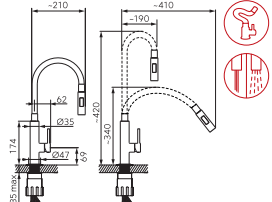
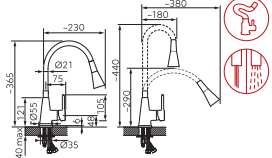

STANDING KITCHEN MIXERS


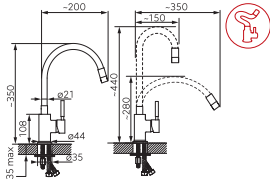

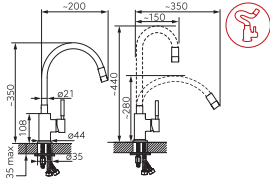


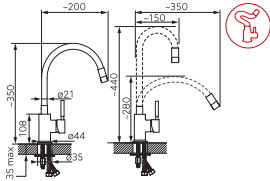
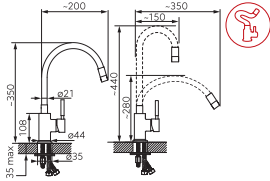

		Description	Colour	Index
		Retro standing sink mixer <ul style="list-style-type: none"> • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	XR4
		Standard standing sink mixer <ul style="list-style-type: none"> • moving faucet heads • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G 3/8 - M10x1 	chrome	BST4
		Freya standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	graphite	BFR41B
		Freya standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	sandy	BFR41S
		Freya standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	graphite	BFR42B
		Freya standing sink mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • M22x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	sandy	BFR42S

		Description	Colour	Index
		Freya standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	graphite	BFR4B
		Freya standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	sandy	BFR4S
	 	Freya standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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
	 	Freya standing sink mixer with pull-out handle <ul style="list-style-type: none">• 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
	 	Zumba Slim 2F standing sink mixer with flexible spout <ul style="list-style-type: none">• 2 jet functions• ceramic cartridge• single-hole assembly• 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	black	BZA43B
	 	Zumba Slim 2F standing sink mixer with flexible spout <ul style="list-style-type: none">• 2 jet functions• ceramic cartridge• single-hole assembly• 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	beige	BZA43P




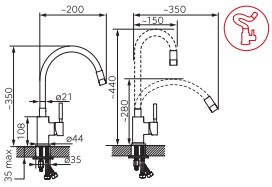

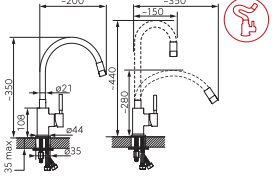

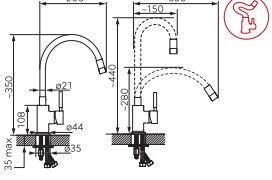

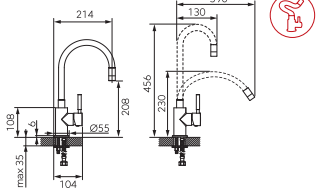

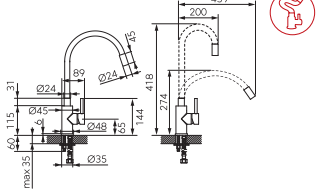

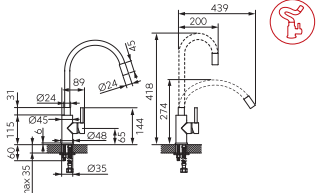
STANDING KITCHEN MIXERS


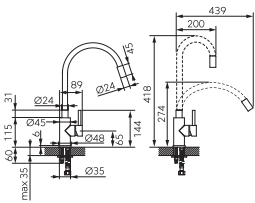


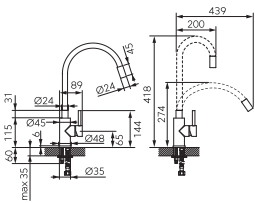


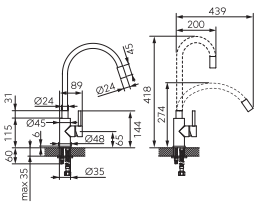

		Description	Colour	Index
		Zumba Slim 2F standing sink mixer with flexible spout	silver	BZA43S
		Zumba Slim 2F standing sink mixer with flexible spout	white	BZA43W
		Zumba II standing sink mixer with flexible spout	black	BZA42B
		Zumba II standing sink mixer with flexible spout	silver	BZA42S
		Zumba II standing sink mixer with flexible spout	white	BZA42W
		Zumba II standing sink mixer with flexible spout	beige	BZA42P

		Description	Colour	Index
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	black	BZA4B
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	yellow	BZA4C
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	green	BZA4G
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	silver	BZA4S
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	white	BZA4W
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 flow regulator• flexible connections G3/8 – M10x1	beige	BZA4P




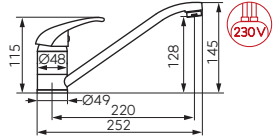

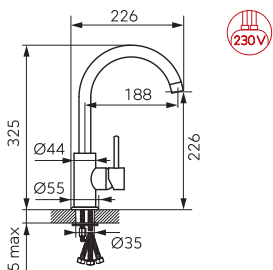

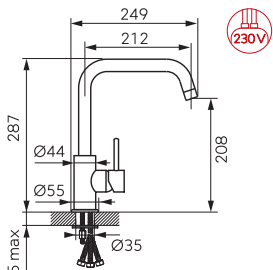

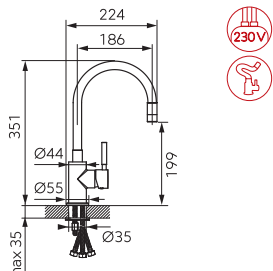
STANDING KITCHEN MIXERS

 	<p>Description</p> <p>Zumba standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 <p>Colour mint</p> <p>Index BZA4M</p>
 	<p>Description</p> <p>Zumba standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 <p>Colour red</p> <p>Index BZA4R</p>
 	<p>Description</p> <p>Zumba standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • flexible spout • possibility to freely shape the spout • M22x1 flow regulator • flexible connections G3/8 – M10x1 <p>Colour blue</p> <p>Index BZA4L</p>
 	<p>Description</p> <p>Zumba Nero standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • all visible elements in black colour • ceramic cartridge • single hole assembly • 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 <p>Colour black</p> <p>Index BZA4BLB</p> <p>NEW</p>
 	<p>Description</p> <p>Zumba Inox standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • stainless steel body and handle • ceramic cartridge • single hole assembly • 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 <p>Colour brushed gold</p> <p>Index BZA4BSSG</p> <p>NEW</p>
 	<p>Description</p> <p>Zumba Inox standing sink mixer with flexible spout</p> <ul style="list-style-type: none"> • stainless steel body and handle • ceramic cartridge • single hole assembly • 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 <p>Colour steel/black</p> <p>Index BZA4BSS</p>

	Description	Colour	Index
  	Zumba Inox standing sink mixer with flexible spout <ul style="list-style-type: none">• stainless steel body and handle• ceramic cartridge• single hole assembly• 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	beige	BZA4PSS NEW
  	Zumba Inox standing sink mixer with flexible spout <ul style="list-style-type: none">• stainless steel body and handle• ceramic cartridge• single hole assembly• 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	silver	BZA4SSS NEW
  	Zumba Inox standing sink mixer with flexible spout <ul style="list-style-type: none">• stainless steel body and handle• ceramic cartridge• single hole assembly• 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	white	BZA4WSS NEW




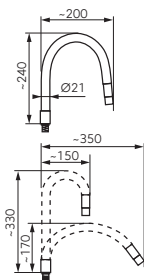


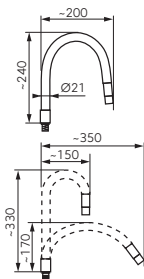

LOW PRESURE MIXERS

		Description	Colour	Index
		Carmen standing sink mixer <ul style="list-style-type: none">• for unpressurised, flow-through water heaters• ceramic cartridge• single hole assembly• M24x1 flow regulator• swivel spout• flexible connections G3/8 - M10x1	chrome	BCE4LP
		Lugio standing sink mixer <ul style="list-style-type: none">• 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
		Ratio standing sink mixer <ul style="list-style-type: none">• 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
		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• for unpressurised, flow-through water heaters• ceramic cartridge• single hole assembly• 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

			Description	Colour	Index
			Elastico II flexible spout for sink mixer <ul style="list-style-type: none">• 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
			Elastico II flexible spout for sink mixer <ul style="list-style-type: none">• 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
			Elastico II flexible spout for sink mixer <ul style="list-style-type: none">• 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
			Elastico II flexible spout for sink mixer <ul style="list-style-type: none">• 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
			Elastico flexible spout for sink mixers <ul style="list-style-type: none">• 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
			Elastico flexible spout for sink mixers <ul style="list-style-type: none">• 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



KITCHEN MIXER SPOUTS

		Description	Colour	Index
		 Elastico flexible spout for sink mixers <ul style="list-style-type: none">• 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
		 Elastico flexible spout for sink mixers <ul style="list-style-type: none">• 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

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
196



VASTO
196



SMILE
196



FERRO ONE
196



ISSO
197



BASIC
197



RETRO NEW
197



RETRO
197




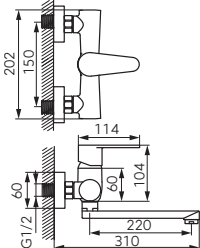

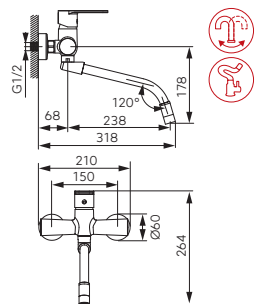

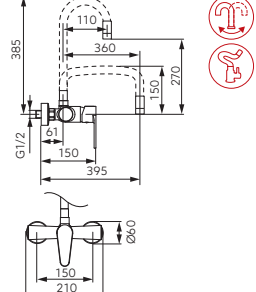

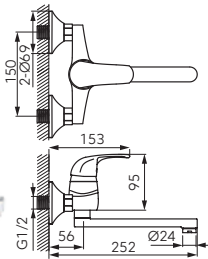

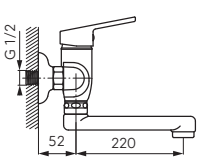

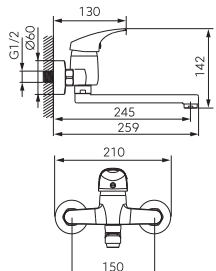
STANDARD
197


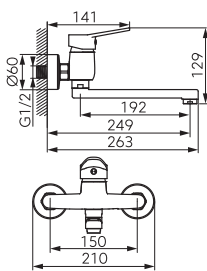

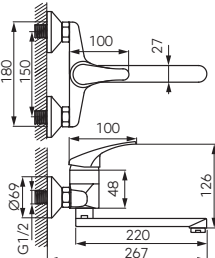

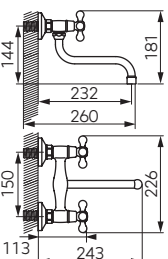

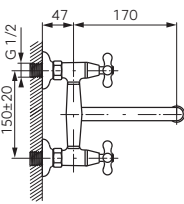

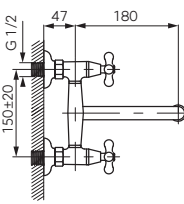

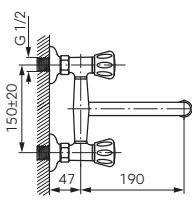
OLD BRONZE



ANTICA
197


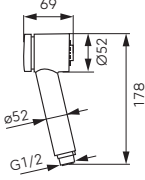


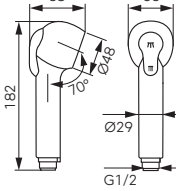



WALL-MOUNTED MIXER TAPS

		Description	Colour	Index
		Algeo wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BAG5
		Algeo wall-mounted sink mixer with flexible spout <ul style="list-style-type: none">• 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.
		Wall-mounted sink mixer with flexible spout <ul style="list-style-type: none">• 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
		Vasto wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BVA5
		Smile wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BSM5
		Ferro One wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• 217 mm swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BFO5

		Description	Colour	Index
		Isso wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• 192 mm swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BIS5
		Basic wall-mounted sink mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BBC5
		Antica wall-mounted sink mixer <ul style="list-style-type: none">• ceramic heads• wall-mounting• M22x1 flow regulator• 200 mm swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	old bronze	BAISBR
		Retro New wall-mounted sink mixer <ul style="list-style-type: none">• ceramic heads• wall-mounting• M22x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	XD5
		Retro wall-mounted sink mixer <ul style="list-style-type: none">• moving faucet heads• wall-mounting• M22x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	XR5
		Standard wall-mounted sink mixer <ul style="list-style-type: none">• moving faucet heads• wall-mounting• M22x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BST5



SINK MIXER HANDLE AND HOSES

  	Description Sink mixer handle <ul style="list-style-type: none"> • 2 jet types • G1/2 connection 	Colour chrome	Index CF0052	
  	Description Sink mixer handle <ul style="list-style-type: none"> • 2 jet types • G1/2 connection 	Colour chrome	Index CF0069	
	Description Sink hose <ul style="list-style-type: none"> • for pull-out spray mixers and 3-hole mixers • cone tip • L-150 cm 	Colour chrome	Index CF0070	
	Description Sink hose <ul style="list-style-type: none"> • for mixers with pull-out spray • cylindrical tip • L-150 cm 			
Packaging				
loose			RG006	
bag			RG006W	
Sink hose for mixers <ul style="list-style-type: none"> • with pull-out spray • M10x1 x M15x1 • series 8 mixers 			018003	



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

UTILITY SINKS



GRANITE SINKS
201


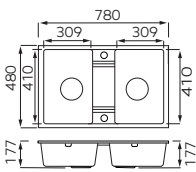




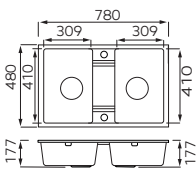




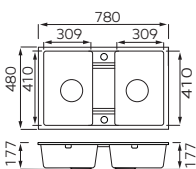




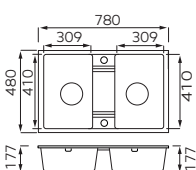




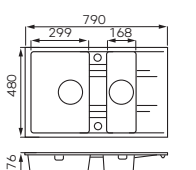





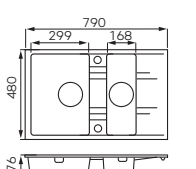






UTILITY SINKS
206

GRANITE SINK SETS




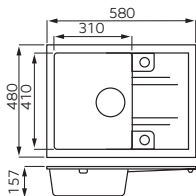



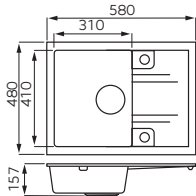





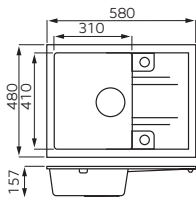



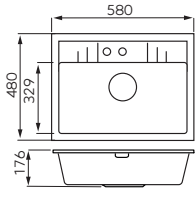



GRANITE SINKS WITH MIXER WITH FLEXIBLE SPOUT
205

			Description	Colour	Index
		  	Double bowl sink 78x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	sandy	DRGM2/48/78SA
		  	Double bowl sink 78x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite	DRGM2/48/78BA
		  	Double bowl sink 78x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite shine	DRGM2/48/78HA
		  	Double bowl sink 78x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	gray	DRGM2/48/78GA
		   	Double bowl sink 79x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	sandy	DRGM3/48/79SA
		   	Double bowl sink 79x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite	DRGM3/48/79BA




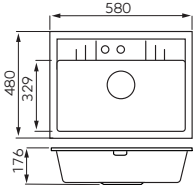


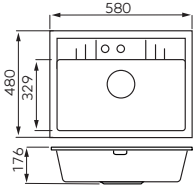


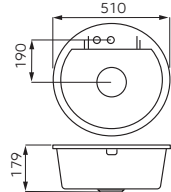


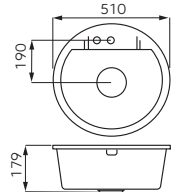


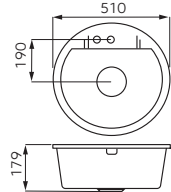


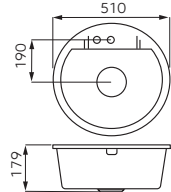

GRANITE SINKS

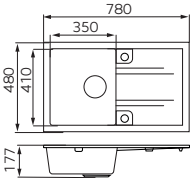

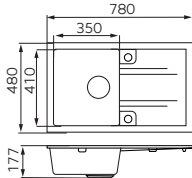

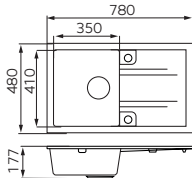


			Description	Colour	Index
		 	Double bowl sink 79x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite shine	DRGM3/48/79HA
		 	Double bowl sink 79x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	gray	DRGM3/48/79GA
		 	Single bowl sink 78x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	sandy	DRGM48/78SA
		 	Single bowl sink 78x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite	DRGM48/78BA
		 	Single bowl sink 78x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite shine	DRGM48/78HA
		 	Single bowl sink 78x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	gray	DRGM48/78GA

			Description	Colour	Index
		 	Single bowl sink 58x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	sandy	DRGM48/58SA
		 	Single bowl sink 58x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite	DRGM48/58BA
		 	Single bowl sink 58x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	graphite shine	DRGM48/58HA
		 	Single bowl sink 58x48 cm <ul style="list-style-type: none">• with drainer• siphon included• recessed• with overflow	gray	DRGM48/58GA
			Single bowl sink 58x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	sandy	DRGM1/48/58SA
			Single bowl sink 58x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite	DRGM1/48/58BA




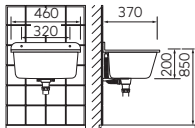
GRANITE SINKS

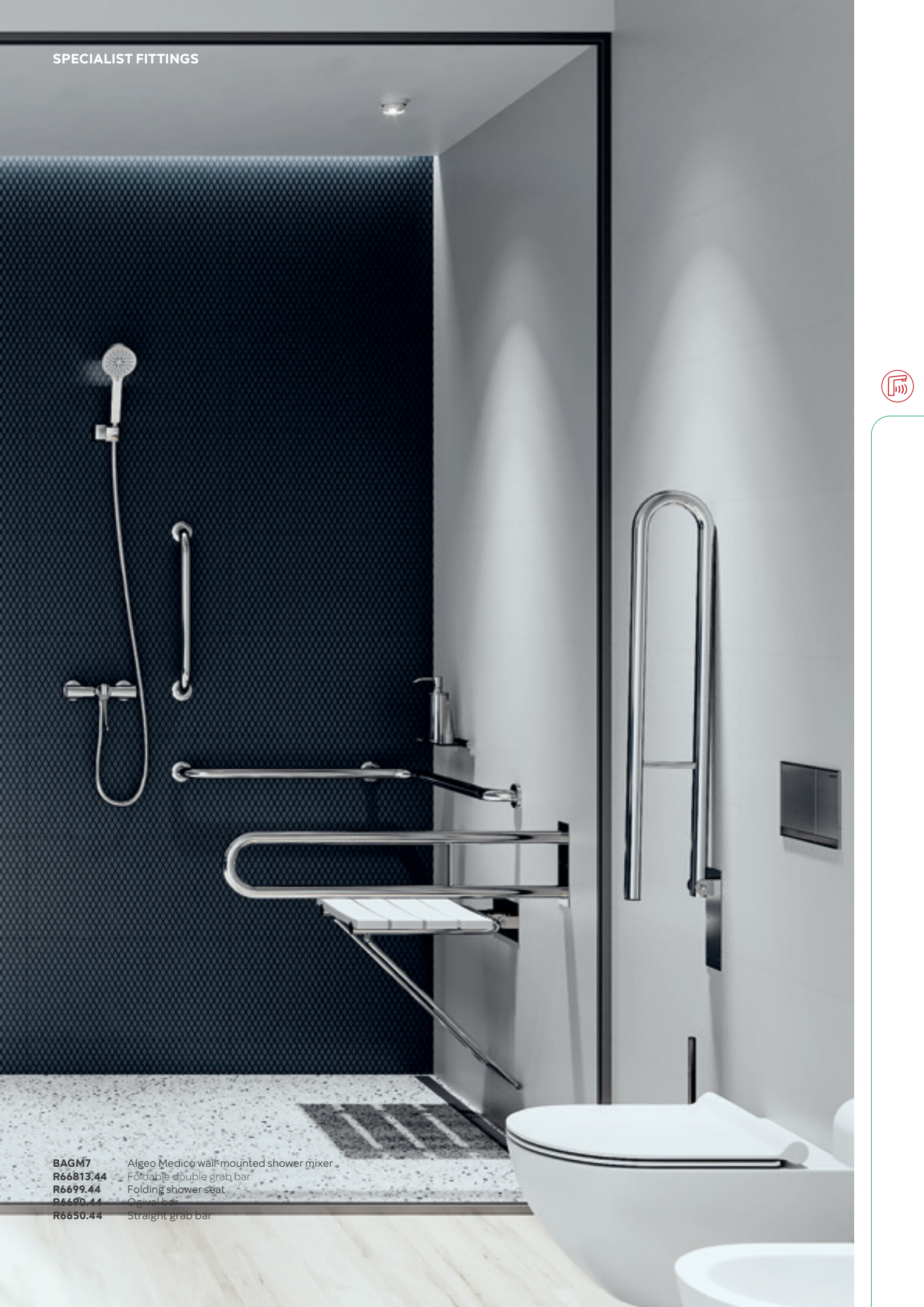
		Description	Colour	Index
		 Single bowl sink 58x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite shine	DRGM1/48/58HA
		 Single bowl sink 58x48 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	gray	DRGM1/48/58GA
		 Single bowl sink Ø51 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	sandy	DRGM1/51SA
		 Single bowl sink Ø51 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite	DRGM1/51BA
		 Single bowl sink Ø51 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	graphite shine	DRGM1/51HA
		 Single bowl sink Ø51 cm <ul style="list-style-type: none">• siphon included• recessed• with overflow	gray	DRGM1/51GA

		Description	Colour	Index
		  	grafit shine / black	DRGM48/78HA-SET1-PL
				
		  	sandy / beige	DRGM48/78SA-SET1-PL
				
		  	grey / silver	DRGM48/78GA-SET1-PL
				



UTILITY SINKS

		Description	Colour	Index
		Utility sinks 37/46 <ul style="list-style-type: none">• siphon included• with overflow• assembly kit• possible to install on a wall or insert into a countertop• material: polyester	white	DRK37/46W
		Utility sinks 37/46 <ul style="list-style-type: none">• siphon included• with overflow• assembly kit• possible to install on a wall or insert into a countertop• material: polyester	gray	DRK37/46G



- BAGM7** Algeo Medico wall-mounted shower mixer
R66813.44 Foldable double grab bar
R6699.44 Folding shower seat
R6690.44 Ogival bar
R6650.44 Straight grab bar



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



TIGA MEDICO
VERDELINE
209



ALGEO SQUARE MEDICO
209



FIESTA MEDICO
209



ALGEO MEDICO
210



VASTO MEDICO
211

TOUCHLESS FITTINGS



TOUCHLESS MIXERS, VALVES AND DISPENSER
213



WASHBASIN MIXERS WITH TIME FLOW CONTROL
219



SHOWER AND URINAL VALVES WITH TIME FLOW CONTROL
220



LEED/BREEAM MIXERS
222



LEED/BREEAM SHOWERS
227

TIME DELAY MIXERS AND VALVES

LEED/BREEAM

ACCESSORIES




PROGRAMME HOTEL
229




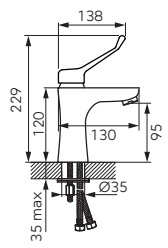

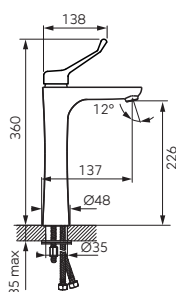

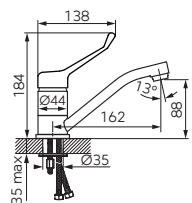


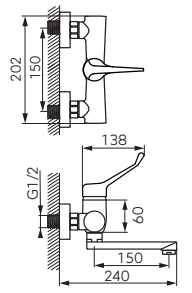


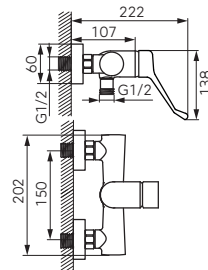

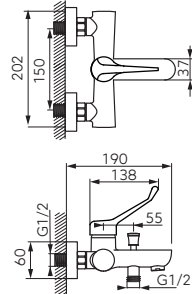
GRACE HOTEL
230


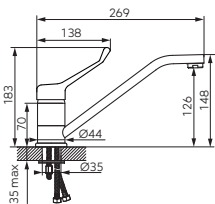


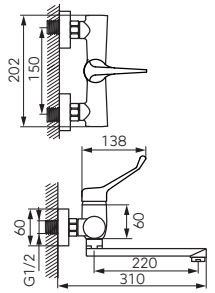


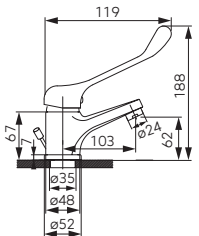


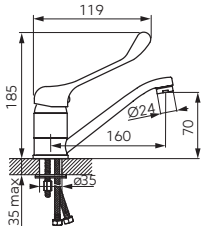


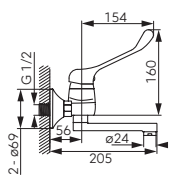


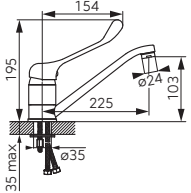



METALIA HELP
232

		Description	Colour	Index
		   	chrome	BTGM2VL
		Tiga Medico Verdeline standing washbasin mixer <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• FerroAirMix M24x1 aerator• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• G3/8 - M10x1 flexible connections		
		   	chrome	BTGM2AVL
		Tiga Medico Verdeline standing washbasin mixer with swivel spout <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• FerroAirMix M24x1 aerator• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• swivel spout• G3/8 - M10x1 flexible connections		
			chrome	BAQM2
		Algeo Square Medico standing washbasin mixer <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• M24x1 flow regulator• G3/8 - M10x1 flexible connections		
			chrome	BAQM2L
		Algeo Square Medico standing counter washbasin mixer <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• M24x1 flow regulator• G3/8 - M10x1 flexible connections		
			chrome	BFIM2
		Fiesta Medico standing washbasin mixer <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• M24x1 flow regulator• G3/8 - M10x1 flexible connections		
			chrome	BFIM2A
		Fiesta Medico standing washbasin mixer with swivel spout <ul style="list-style-type: none">• special handle• ceramic cartridge• single hole assembly• M18x1 flow regulator• swivel spout• G3/8 - M10x1 flexible connections		

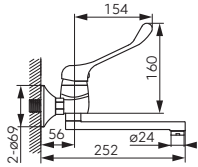


		Description	Colour	Index
		Algeo Medico standing washbasin mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAGM2
		Algeo Medico standing counter washbasin mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BAGM2L
		 Algeo Medico standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BAGM2AA
		 Algeo Medico wall-mounted washbasin mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BAGM3
		Algeo Medico wall-mounted shower mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • wall-mounting • G1/2 eccentric connection spacing 150 ± 20 mm • G1/2 shower connection • shower set not included 	chrome	BAGM7
		Algeo Medico wall-mounted bath mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • wall-mounting • automatic bath/shower switch with a lock • M24x1 flow regulator • G1/2 eccentric connection spacing 150 ± 20 mm • shower set not included 	chrome	BAGM1


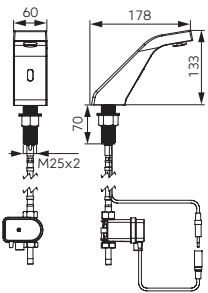

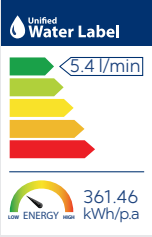

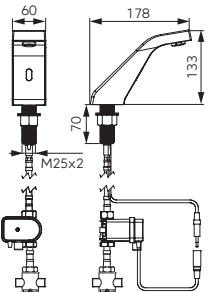

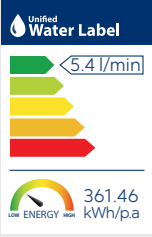

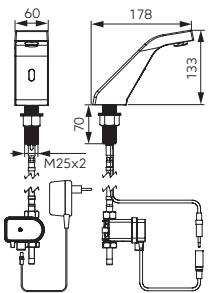

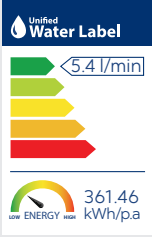
		Description	Colour	Index
  		Algeo Medico standing sink mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • G3/8 - M10x1 flexible connections 	chrome	BAGM4A
  		Algeo Medico wall-mounted sink mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BAGM5
  		Vasto Medico standing washbasin mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • G5/4 automatic drain plug • M24x1 flow regulator • flexible connections G3/8 - M10x1 	chrome	BVAM2
  		Vasto Medico standing washbasin mixer with swivel spout <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • flexible connections G3/8 - M10x1 	chrome	BVAM2A
  		Vasto Medico wall-mounted washbasin mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • wall-mounting • M24x1 flow regulator • swivel spout 150 mm • G1/2 eccentric connection spacing 150 ± 20 mm 	chrome	BVAM3
  		Vasto Medico standing sink mixer <ul style="list-style-type: none"> • special handle • ceramic cartridge • single hole assembly • M24x1 flow regulator • swivel spout • flexible connections G3/8 - M10x1 	chrome	BVAM4




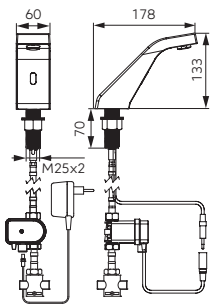

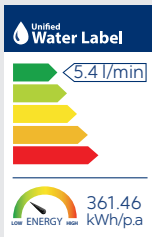

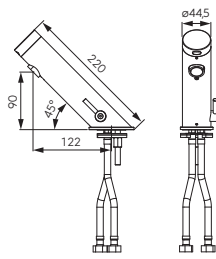


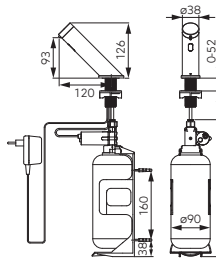

MEDICAL MIXERS


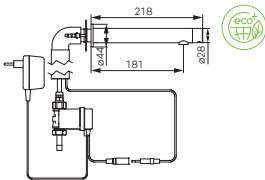

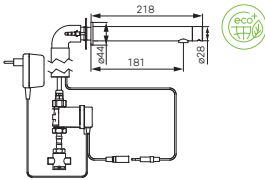

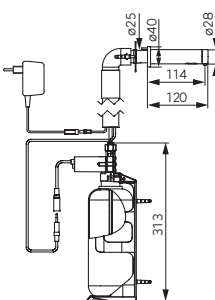


Description	Colour	Index
Vasto Medico wall-mounted sink mixer <ul style="list-style-type: none">• special handle• ceramic cartridge• wall-mounting• M24x1 flow regulator• swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BVAM5

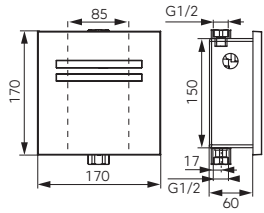
	Description	Colour	Index	
  	Sirocco Sensor touchless standing washbasin mixer <ul style="list-style-type: none"> • touchless • for cold or mixed water • power supply: 9V battery • water inlet connection: 1 x 1/2" MT • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • flow rate: ~5.0 l/min (for dynamic pressure 3 bar) • flow regulator: M24x1 with water jet direction control • sensor range factory settings: 180 mm • sensor range: adjustable from 80 - 300 mm • long-lasting water flow protection: 90 s • periodic flush function in case not used for more than 24 hours • max. water temperature: 70°C • recommended mixers: MM10 - 3/8" mechanical mixer MT15B - 1/2" thermostatic mixer • settings control: RC01 remote control 	chrome	BBB101	
  	Sirocco Sensor Pre-Mixed touchless standing washbasin mixer <ul style="list-style-type: none"> • touchless • power supply: 9V battery • water inlet connection: 2 x 3/8" MT • mixer: external, mechanical, flexible 3/8" x 1/2" hose • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • flow rate: ~5.0 l/min (for dynamic pressure 3 bar) • flow regulator: M24x1 with water jet direction control • sensor range factory settings: 180 mm • sensor range: adjustable from 80 - 300 mm • long-lasting water flow protection: 90 s • periodic flush function in case not used for more than 24 hours • max. water temperature: 70°C • settings control: RC01 remote control 	chrome	BBB101M	
  	Sirocco Sensor Power-Safe touchless standing washbasin mixer <ul style="list-style-type: none"> • touchless • power supply: 230V/9V transformer, 9V battery (emergency power supply) • water inlet connection: 1 x 1/2" MT • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • flow rate: ~5.0 l/min (for dynamic pressure 3 bar) • flow regulator: M24x1 with water jet direction control • sensor range factory settings: 180 mm • sensor range: adjustable from 80 - 300 mm • long-lasting water flow protection: 90 s • periodic flush function in case not used for more than 24 hours • max. water temperature: 70°C • recommended mixers: MM10 - 3/8" mechanical mixer MT15B - 1/2" thermostatic mixer • settings control: RC01 remote control 	chrome	BBB101S	



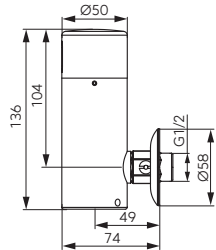
		Description	Colour	Index
  		Sirocco Sensor Power-Safe Pre-Mixed touchless standing washbasin mixer <ul style="list-style-type: none"> • touchless • power supply: 230V/9V transformer, 9V battery (emergency power supply) • water inlet connection: 2 x 3/8" MT • mixer: external, mechanical, flexible 3/8" x 1/2" hose • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • flow rate: ~5.0 l/min (for dynamic pressure 3 bar) • flow regulator: M24x1 with water jet direction control • sensor range factory settings: 180 mm • sensor range: adjustable from 80 - 300 mm • long-lasting water flow protection: 90 s • periodic flush function in case not used for more than 24 hours • max. water temperature: 70°C • settings control: RC01 remote control 	chrome	BBB101SM 
  		Mistral Sensor standing washbasin mixer with built-in mixing valve <ul style="list-style-type: none"> • power supply: 9V battery • flexible connection hoses: 3/8" MT (2 pcs) 45 cm long • max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI) • flow rate: ~5.0 l/min (for dynamic pressure 3 bar) • flow regulator: M24x1 with water jet direction control • sensor range factory settings: 180 mm • sensor range: adjustable from 50 - 160 mm • long-lasting water flow protection: 90 s • periodic flush function in case not used for more than 24 hours • max. water temperature: 70°C • settings control: RC01 remote control 	chrome	BBB111
  		Mistral Sensor electronic liquid soap dispenser <ul style="list-style-type: none"> • power supply: 230V/12V transformer • soap tank: 1 litre volume • soap dosage: 1.4 cc/dose (different settings available) • permissible soap viscosity: 100 - 3800 cPs • sensor range: adjustable from 30 - 100 mm • settings control: RC02 and RC01 remote control (detection range) 	chrome	BBB112

	Description	Colour	Index
 	Bora Sensor Power-Safe electronic wall-mounted mixer for cold or premixed water <ul style="list-style-type: none">• power supply: 230V/9V transformer, 9V battery (emergency power supply)• water inlet connection: 1 x 1/2" MT• max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI)• flow rate: ~5.0 l/min (for dynamic pressure 3 bar)• flow regulator: M18x1• sensor range: adjustable from 40 - 170 mm• long-lasting water flow protection: 90 s• periodic flush function in case not used for more than 24 hours• max. water temperature: 70°C• recommended mixers: MM10 - 3/8" mechanical mixer MT15B - 1/2" thermostatic mixer• settings control: RC01 remote control	chrome	BBB121S
 	Bora Sensor Power-Safe Pre-Mixed touchless wall-mounted basin mixer with external mixing valve <ul style="list-style-type: none">• power supply: 230V/9V transformer, 9V battery (emergency power supply)• water inlet connection: 2 x 3/8" MT• mixer: external, mechanical, flexible 3/8" x 1/2" hose• max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI)• flow rate: ~5.0 l/min (for dynamic pressure 3 bar)• flow regulator: M18x1• sensor range: adjustable from 40 - 170 mm• long-lasting water flow protection: 90 s• periodic flush function in case not used for more than 24 hours• max. water temperature: 70°C• settings control: RC01 remote control	chrome	BBB121SM
 	Bora Sensor touchless liquid soap dispenser <ul style="list-style-type: none">• power supply: 230V/12V transformer• soap container: 1 litre volume• soap dosage: 1.4 cc/dose (different settings available)• permissible soap viscosity: 100 - 3800 cPs• sensor range: adjustable from 30 - 80 mm• settings control: RC02 and RC01 remote control (detection range)	chrome	BBB122

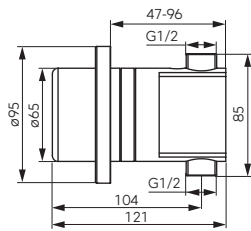




Description	Colour	Index
Zephyr Sensor touchless built-in urinal valve <ul style="list-style-type: none">• power supply: 9V battery• water inlet connection: 2 x 1/2" FT (inlet and outlet)• max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI)• automatic flushing: 1 x 24 h• sensor range factory settings: 600 mm• flushing time factory settings: 6 s• flow rate factory settings: ~1.0 l/cycle (for dynamic pressure 1 bar)• flushing time: adjustable from 3 - 20 s• settings control: RC01 remote control	chrome	BBB201



Zephyr Sensor touchless urinal valve <ul style="list-style-type: none">• power supply: 9V battery• water inlet connection: 2 x 1/2" MT• max. working pressure: 1.0 bar - 8.0 bar (14.5-116 PSI)• automatic flushing: 1 x 24 h• sensor range factory settings: 600 mm• sensor range: adjustable from 80 - 300 mm• flushing time factory settings: 6 s• flow rate factory settings: ~1.0 l/cycle (for dynamic pressure 1 bar)• flushing time: adjustable from 3 - 20 s• settings control: RC01 remote control	chrome	BBB211
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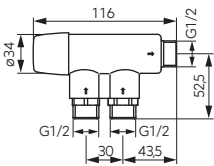
Kona Sensor touch built in shower mixer <ul style="list-style-type: none">• power supply: 9V battery• water inlet connection: 2 x 1/2" MT• max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI)• flow time factory setting: 120 s• flow time: adjustable from 5 - 2600 s• permissible working temperature: 70°C	chrome	BBB301
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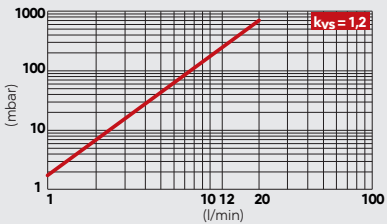
Description	Colour	Index
Mixer/touchless valve control unit Settings control: <ul style="list-style-type: none">• detection range• switch-on delay (applies to urinal valves)• switch-off delay• long-lasting water flow protection• lockout time before next use• flushing time (for urinal valves)• automatic purge flushing• temporary shutdown• return to factory settings	white	RC01



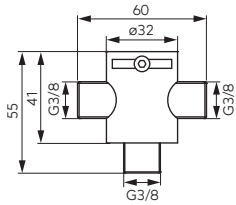
Soap dispenser control unit <ul style="list-style-type: none">• setting soap dose volume• return to factory settings• temporary shutdown• filling the system after refilling the tank	white	RC02
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1/2" thermostatic mixer for touchless mixers • max. water temperature: 90°C • max. working pressure: 0.5 bar - 10.0 bar (7 - 145 PSI) • water inlet connection: 3 x 1/2" MT • temperature control range: 30 - 70°C • check valves: 2 pcs (on inlets) • max. flow at Δp 1,5 bar: 25 l/min • K _{VS} : 1.2 m ³ /h • stability of mixed temperature: 3K at 15K hot water temperature change • burn protection: flow cut-off function in the absence of cold water • additional security features: body with anti-scaling coating	MT15B
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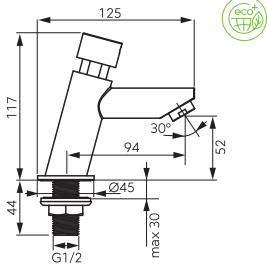


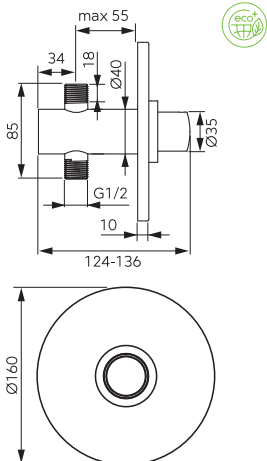


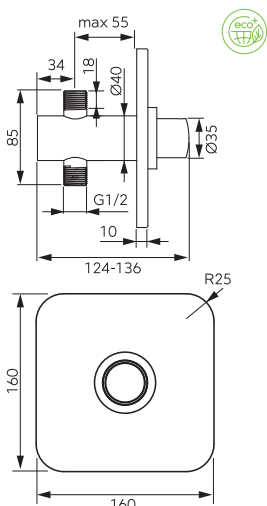

TOUCHLESS FITTINGS - ACCESSORIES

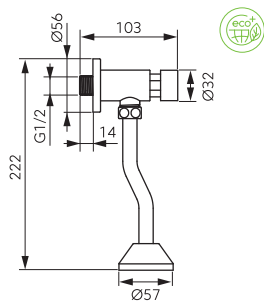


Description	Colour	Index
<p>Mechanical mixer 3/8" for touchless mixers</p> <ul style="list-style-type: none">• max. water temperature: 90°C• max. working pressure: 0.5 bar - 8.0 bar (7-116 PSI)• water inlet connection: 3 x 3/8" MT• mixing ratio adjustment: manual• setting lock against accidental change• check valves: 2 pcs (on inlets)• gaskets: 2 pcs with filter (on inlets)		MM10

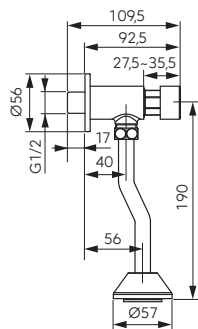
		Description	Colour	Index
  		Presstige II automatic shut-off washbasin mixer with flow and temperature control <ul style="list-style-type: none"> • flow time factory setting: ~15 s (for dynamic pressure 3 bar) • outflow time: adjustable from 10 - 20 s (for dynamic pressure 3 bar) • flow rate: ~7 l/min (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
  		Presstige automatic shut-off washbasin mixer with cold or mixed water flow control <ul style="list-style-type: none"> • 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 mixers: MM10 - 3/8" mechanical mixer, MT15B - 1/2" thermostatic mixer 	chrome	Z201
  		Presstige Pro automatic shut-off washbasin mixer with flow and temperature control <ul style="list-style-type: none"> • 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



		Description	Colour	Index
 		Presstige Pro automatic shut-off washbasin mixer with water flow control <ul style="list-style-type: none"> • 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 MT15B - 1/2" thermostatic mixer 	chrome	Z501
 		Presstige Pro built-in shower valve with time flow control <ul style="list-style-type: none"> • 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 mixers: MM10 - 3/8" mechanical mixer MT15B - 1/2" thermostatic mixer 	chrome	Z503
 		Presstige Pro SQ built-in shower valve with time flow control <ul style="list-style-type: none"> • 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 mixers: MM10 - 3/8" mechanical mixer MT15B - 1/2" thermostatic mixer 	chrome	Z503SQ

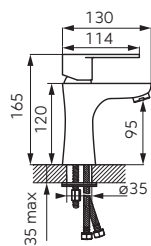


Description	Colour	Index
Presstige Pro urinal valve with time flow control <ul style="list-style-type: none">• recommended dynamic pressure range: 0,1 MPa ≤ P ≤ 0,4 MPa• max. static pressure: 1 MPa (10 bar)• water temperature: ≤ 25°C• flow time at dynamic pressure 0,1 MPa (1bar): approx. 11 seconds• 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



Presstige urinal valve with time flow control <ul style="list-style-type: none">• 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
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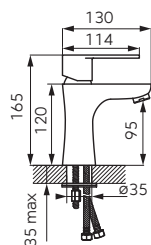


**Description****Colour****Index****Algeo
standing washbasin mixer**

chrome

BAG2-LB

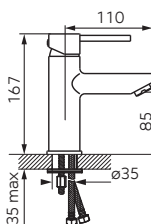
- ceramic cartridge
- single hole assembly
- G5/4 automatic drain plug
- M24x1 aerator
- G3/8 - M10x1 flexible connections

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**

chrome

BAG2-LA

- ceramic cartridge
- single hole assembly
- G5/4 automatic drain plug
- M24x1 flow regulator
- G3/8 - M10x1 flexible connections

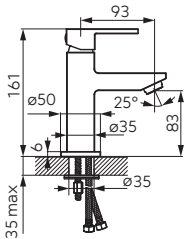
Maximal flow rate for dynamic pressure**Stream: spray****1,50 bar** (21 psi) → **1,1 l/min** (0,28 gpm US)**3,00 bar** (43 psi) → **1,2 l/min** (0,30 gpm US)**4,14 bar** (60 psi) → **1,3 l/min** (0,33 gpm US)**Fiesta
standing washbasin mixer**

chrome

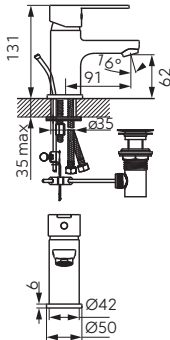
BF12-LB

- ceramic cartridge
- single hole assembly
- G5/4 click-clack drain plug
- aerator M24x1
- G3/8 - M10x1 flexible connections

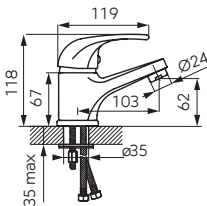
Maximal flow rate for dynamic pressure**Stream: laminar - aerated****1,50 bar** (21 psi) → **2,6 l/min** (0,69 gpm US)**3,00 bar** (43 psi) → **2,6 l/min** (0,69 gpm US)**4,14 bar** (60 psi) → **2,9 l/min** (0,77 gpm US)



Description	Colour	Index
Zicco standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 click-clack drain plug• aerator M24x1• G3/8 - M10x1 flexible connections	chrome	BZI2-LB
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)		

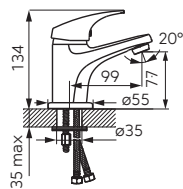


Savio standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 automatic drain plug• aerator M24x1• G3/8 - M10x1 flexible connections	chrome	BSV2-LB
Maximal flow rate for dynamic pressure		
Stream: laminar - aerated		
1,50 bar (21 psi) → 2,6 l/min (0,69 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)		


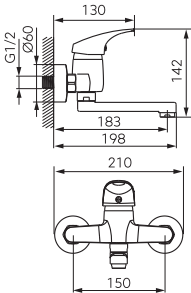



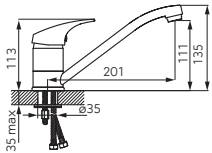



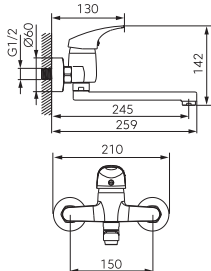




Vasto standing washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• G5/4 automatic drain plug• aerator M24x1• G3/8 - M10x1 flexible connections	chrome	BVA2-LB
Maximal flow rate for dynamic pressure		
Stream: laminar - aerated		
1,50 bar (21 psi) → 2,8 l/min (0,74 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)		


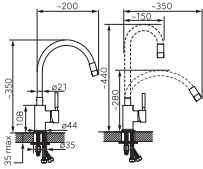

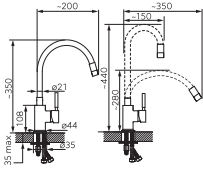


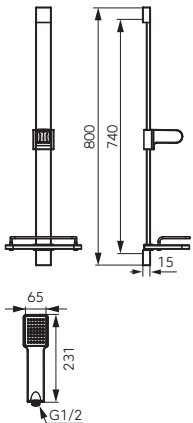


Description	Colour	Index
Ferro One standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • aerator M24x1 • G3/8 - M10x1 flexible connections 	chrome	BFO2-LB
Maximal flow rate for dynamic pressure		
Stream: laminar - aerated		
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 <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BFO2-LA
Maximal flow rate for dynamic pressure		
Stream: 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)		
Ferro One standing washbasin mixer <ul style="list-style-type: none"> • ceramic cartridge • single hole assembly • G5/4 click-clack drain plug • M24x1 flow regulator • G3/8 - M10x1 flexible connections 	chrome	BFO2-LC NEW
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)		

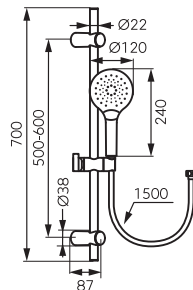
		Description	Colour	Index
 	 	Ferro One wall-mounted washbasin mixer <ul style="list-style-type: none">• ceramic cartridge• wall-mounting• M24x1 Easy Clean aerator• 158 mm swivel spout• G1/2 eccentric connection spacing 150 ± 20 mm	chrome	BFO3-LB NEW
		Maximal flow rate for dynamic pressure		
		Stream: laminar - aerated		
 	 	Ferro One standing sink mixer <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• M24x1 Easy Clean aerator• swivel spout• flexible connections G3/8 - M10x1	chrome	BFO4-LB NEW
		Maximal flow rate for dynamic pressure		
		Stream: laminar - aerated		
 	 	Ferro One wall-mounted sink mixer <ul style="list-style-type: none">• 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 NEW
		Maximal flow rate for dynamic pressure		
		Stream: laminar - aerated		



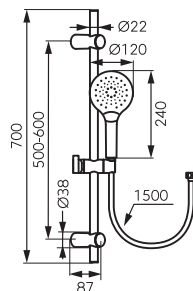
		Description	Colour	Index
  		Zumba standing sink mixer with flexible spout <ul style="list-style-type: none">• ceramic cartridge• single hole assembly• flexible spout• possibility to freely shape the spout• M22x1 aerator• flexible connections G3/8 – M10x1	black	BZA4B-LB
		Maximal flow rate for dynamic 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
Quadro sliding shower set <ul style="list-style-type: none">• 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
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)		


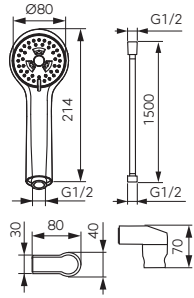




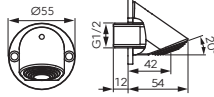


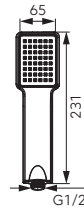




Mulo sliding shower set <ul style="list-style-type: none">• 3-function shower handle with built-in click button• Ferro Easy Clean System - easy limescale removal• streams: rain, massage, mixed• PVC shower hose 150 cm• 700 mm sliding metal bar• sliding handle with adjustable shower handle angle• vertical 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 NEW
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 <ul style="list-style-type: none">• 3-function shower handle with built-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 NEW
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)		







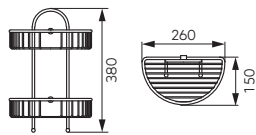
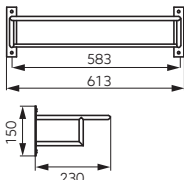
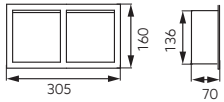
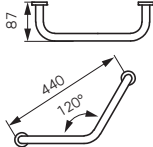
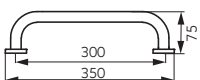
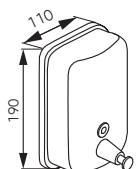



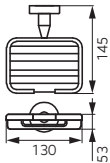


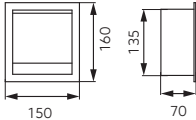

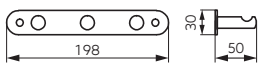

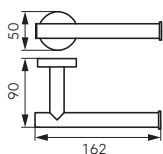

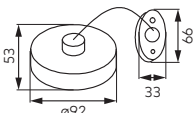
		  	Sole spot shower set <ul style="list-style-type: none">• 3-function shower handle• streams: rain, massage, mixed• Ø 83 mm• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• 150 cm shower hose in brass braid• shower hose with conical tip• single-point handle holder	chrome	U300-LB
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)					
			Vandal Proof 1F shower head <ul style="list-style-type: none">• 1-function 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
Maximal flow rate for dynamic pressure					
Stream: spray					
3,00 bar (43 psi) → 8 l/min					
		 	Quadro shower handle <ul style="list-style-type: none">• 1-function• stream: rain• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal	chrome	S110-LA
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)					




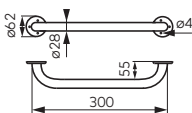

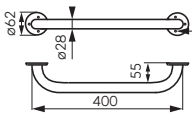

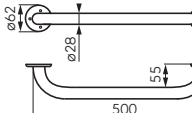

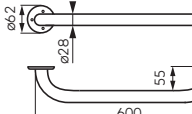

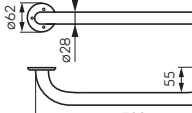

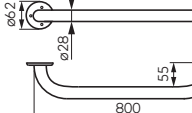
Description	Colour	Index
Towel rack with towel holder MEPHISTO <ul style="list-style-type: none">• dimensions: 550 mm x 210 mm• warranty: 3 years	chrome	6845,0


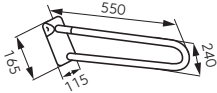

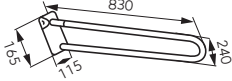

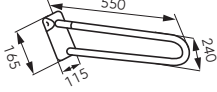

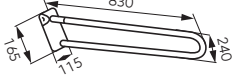

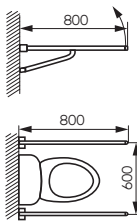

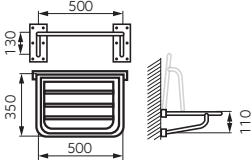


		Description	Colour	Index
     	     	Cosmetics double basket	chrome	AC22
		Double towel shelf	chrome	AC23
		Recessed double toilet paper holder	chrome	AC31
		Bath tub handle	chrome	AC25
		Straight bath tub handle	chrome	AC24
		Soap dispenser • 900 ml	chrome	AC29

		Description	Colour	Index
		Metal soap dish	chrome	AC01
		Small corner rack <ul style="list-style-type: none">• dimensions: 170 mm x 170 mm x 220 mm• warranty: 25 years	chrome	6065,0
		Recessed toilet paper holder	chrome	AC30
		Three-peg hanger	chrome	AC35
		Toilet paper hanger	chrome	AC33
		Drying line <ul style="list-style-type: none">• line length 3 m	chrome	AC27


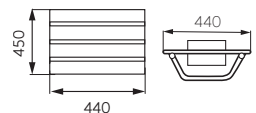

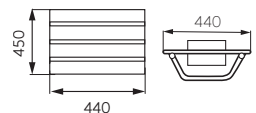

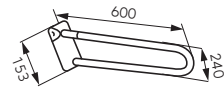

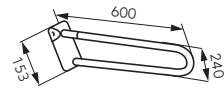

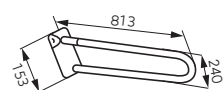

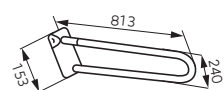

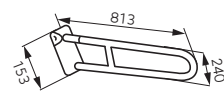

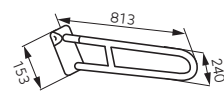

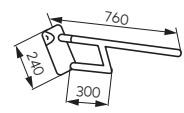

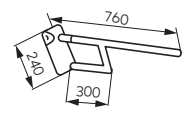

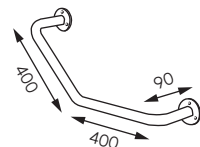

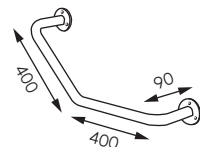



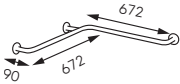

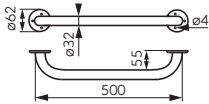
		Description	Colour	Index
		Straight grab bar • length: 300 mm • Ø: 28 mm	white	R6630,11*
		Straight grab bar • length: 400 mm • Ø: 28 mm	white	R6640,11*
		Straight grab bar • length: 500 mm • Ø: 28 mm	white	R6650,11*
		Straight grab bar • length: 600 mm • Ø: 28 mm	white	R6660,11*
		Straight grab bar • length: 700 mm • Ø: 28 mm	white	R6670,11*
		Straight grab bar • length: 800 mm • Ø: 28 mm	white	R6680,11*

		Description	Colour	Index
		Steady double grab bar • length: 550 mm	white	R6655,11*
		Steady double grab bar • length: 830 mm	white	R6683,11*
		Foldable double grab bar • length: 550 mm	white	R66550,11*
		Foldable double grab bar • length: 830 mm	white	R66830,11*
		Foldable unigrip handrail • length: 800 mm	white	R66800,11*
		Folding shower seat • max 110kg	white	R6699,11*

* Delivery time: c.a. 21 days



		Description	Colour	Index
 	 	Folding shower seat • max 110 kg	stainless steel	R6699,44*
 	 	Steady double grab bar • length: 600 mm • Ø: 32 mm	stainless steel	R6660,44*
 	 	Steady double grab bar • length: 810 mm • Ø: 32 mm	stainless steel	R6681,44*
 	 	Foldable double grab bar • length: 810 mm • Ø: 32 mm	stainless steel	R6681,44*
 	 	Foldable unigrip handrail • length: 810 mm • Ø: 32 mm	stainless steel	R6676,44*
 	 	Straight grab bar • Ø: 32 mm • max 110kg	stainless steel	R66404,44*

		Description	Colour	Index
		Ogival bar <ul style="list-style-type: none">• Ø: 32 mm	stainless steel	R6690,44*
		Straight grab bar <ul style="list-style-type: none">• length 500 mm• Ø: 32 mm	stainless steel	R6650,44*

* 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.**

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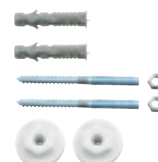
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264

	Description	Colour	Index
	Flat spout		
	D	L	
	3/4"	160 mm	CNK411B
	3/4"	220 mm	CNK412B
	F-type spout		
	D	L	
	3/4"	150 mm	W150F/4
	3/4"	200 mm	W200F/4
	Z-type spout		
	D	L	
	1/2"	160 mm	W160Z/2
	1/2"	250 mm	W250Z/2
	C-type spout		
	D	L	
	1/2"	115 mm	W115C/2
	1/2"	160 mm	W160C/2
	3/4"	160 mm	W160C/4
	1/2"	180 mm	W180C/2
	3/4"	200 mm	W200C/4
	1/2"	250 mm	W250C/2
	3/4"	250 mm	W250C/4
	1/2"	300 mm	W300C/2
	3/4"	300 mm	W300C/4
	S-type spout		
	D	L	
	1/2"	115 mm	W115S/2
	1/2"	160 mm	W160S/2
	3/4"	160 mm	W160S/4
	1/2"	180 mm	W180S/2
	3/4"	200 mm	W200S/4
	1/2"	250 mm	W250S/2
	3/4"	250 mm	W250S/4
	1/2"	300 mm	W300S/2
	3/4"	300 mm	W300S/4









JET REGULATORS













	Description	Colour	Index															
	<div></div> FerroSlimAir aerator <ul style="list-style-type: none">• aerates the water flow saving over 50% (~4.5 l/min) of water• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• standard dimensions Mx24• water jet direction adjustment• installation wrench included		PCH5VL-K-W															
	<div></div> FerroAirMix aerator <ul style="list-style-type: none">• aerates the water flow saving up to 50% of water• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• standard dimensions Mx24• brass																	
	Packaging																	
	blister (2 pcs)	chrome	PCH4VL															
	blister (1 pc)	chrome	PCH41VL															
	<div></div> FerroAirMix aerator <ul style="list-style-type: none">• aerates the water flow saving up to 50% of water• Ferro Easy Clean System<ul style="list-style-type: none">- easy limescale removal• standard dimensions Mx24	black	PCH24VLBLW NEW															
	<div></div> FerroAirMix M24x1 aerator <ul style="list-style-type: none">• with key for aerators and ceramic cartridges	chrome	PCH4-K-W															
	Aerator <ul style="list-style-type: none">• aerates the water flow	chrome																
	<table><tr><th>Dimensions</th><th>Packaging</th><th>Index</th></tr><tr><td>M28x1</td><td>Packaging loose (without EAN code)</td><td>PCH1</td></tr><tr><td>M28x1</td><td>Packaging bag</td><td>PCH1W</td></tr><tr><td>M24x1</td><td>Packaging loose (without EAN code)</td><td>PCH2</td></tr><tr><td>M24x1</td><td>Packaging bag</td><td>PCH2W</td></tr></table>	Dimensions	Packaging	Index	M28x1	Packaging loose (without EAN code)	PCH1	M28x1	Packaging bag	PCH1W	M24x1	Packaging loose (without EAN code)	PCH2	M24x1	Packaging bag	PCH2W		
Dimensions	Packaging	Index																
M28x1	Packaging loose (without EAN code)	PCH1																
M28x1	Packaging bag	PCH1W																
M24x1	Packaging loose (without EAN code)	PCH2																
M24x1	Packaging bag	PCH2W																
	Aerator <ul style="list-style-type: none">• aerates the water flow• M24 male thread	black	PCH24BLW NEW															

	Description	Colour	Index
	Kitchen mixer aerator <ul style="list-style-type: none">• aerates the water flow• M22x1 external thread• for round spouts	chrome	PCH22W NOWOŚĆ
	Kitchen mixer aerator <ul style="list-style-type: none">• aerates the water flow• M22x1 external thread• for round spouts	black	PCH22BLW NOWOŚĆ
	 2-function long jet regulator <ul style="list-style-type: none">• M22 female thread or M24 male thread• for round spouts, with male thread (dual handle faucets)	black-chrome	P1314-W
	 2-function long jet regulator <ul style="list-style-type: none">• M22 female thread• for round spouts, with male thread (dual handle faucets)	black-chrome	P13
	 2-function long jet regulator <ul style="list-style-type: none">• M22 female thread or M24 male thread• for round spouts, with male thread (dual handle mixers)	black-chrome	P1014-W
	 2-function long jet regulator <ul style="list-style-type: none">• 2-funtion short jet regulator• M22 female thread• for round spouts, with male thread (dual handle mixers)	white-chrome	P24







JET REGULATORS







	Description	Colour	Index
	 2-function long jet regulator <ul style="list-style-type: none"> • M22 female thread • for round spouts, with male thread (dual handle mixers) 	black-chrome	P10
	 FerroEcoSave water flow limiter <ul style="list-style-type: none"> • 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
	Jet regulator connecting ring M22x1		P14
	Faucet service key <ul style="list-style-type: none"> • for M24 and M28 jet regulators • for head nut 35 mm and 40 mm • does not scratch the chrome surfaces 		KEYM2428-W

	Description	Colour	Index
	Thermostatic head for thermostatic faucet		GT1
	Thermostatic head for TAM7 mixers		GT8
	Thermostatic head for TRM7 mixers		GT1TRM
  	FerroClick Verdeline ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 40 mm - high		GW1VL
  	FerroClick Verdeline ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 40 mm - low		GW2VL
  	FerroClick Verdeline ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 35 mm - high		G07VL









CERAMIC HEADS AND REGULATORS

	Description	Colour	Index
	Ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 40 mm - high		GW1
	Ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 40 mm - low		GW2
	Ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 35 mm - high		G07
	Ceramic cartridge <ul style="list-style-type: none">• for single-handle mixers• 35 mm - low		G08

	Description	Colour	Index
	Ceramic head <ul style="list-style-type: none">• for RETRO dual-handle mixers /20 spline /		G05R
	Ceramic head <ul style="list-style-type: none">• for RETRO dual-handle mixers /24 spline /		G05S
	Ceramic head <ul style="list-style-type: none">• for dual-handle mixers /15 spline /		G05
	Double-handle moving faucet head <ul style="list-style-type: none">• for nut /15 spline/		G02C
	Double-handle moving faucet head <ul style="list-style-type: none">• for nut /15 spline/		G02
	Double-handle moving faucet head 3/8" <ul style="list-style-type: none">• /16 spline /		G01



MIXER HANDLES

	Description	Colour	Index
	RETRO mixer handle <ul style="list-style-type: none"> • with head and cover • red and blue plug included 	chrome	P21
	Mixer handle F <ul style="list-style-type: none"> • with red and blue plug included 	chrome	P15
	Mixer handle D <ul style="list-style-type: none"> • with red and blue plug included 	chrome	P09
	Mixer handle A <ul style="list-style-type: none"> • with red and blue plug included 	chrome	P06
	Mixer handle <ul style="list-style-type: none"> • blue plug 	blue	P22
	Mixer handle <ul style="list-style-type: none"> • red plug 	red	P23



Description	Colour	Index
Mixer handle <ul style="list-style-type: none">• blue plug	blue	P57
Mixer handle <ul style="list-style-type: none">• red plug	red	P59









ROSETTES






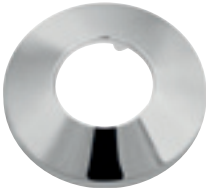
Description	Colour	Index
Rosette with eccentric	chrome	
Packaging		Index
packaging loose (without EAN code)		R10
packaging bag		R10W
3/4 conical rosette	chrome	
Packaging		Index
packaging loose (without EAN code)		R02
packaging bag		R02W
3/4" conical rosette	chrome	
Dimensions		Packaging
wide conical rosette 80x22,5 mm		packaging bag
high conical rosette 70x25,5 mm		packaging bag
3/4 flat rosette		Index
packaging loose (without EAN code)		R07
packaging bag		R07W
1/2 conical rosette	chrome	
Packaging		Index
packaging loose (without EAN code)		R03
packaging bag		R03W
1/2 flat rosette		
Packaging		Index
packaging loose (without EAN code)		R04
packaging bag		R04W



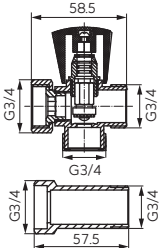

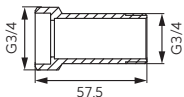




	Description	Colour	Index
	3/4" square rosette for mixers <ul style="list-style-type: none">• dimensions: 60 x 60 mm• height: 20 mm	chrome	R22W
	3/4" square rosette for mixers <ul style="list-style-type: none">• dimensions: 60 x 60 mm• height: 20 mm	black	R26BLW NEW
	3/4" cylindrical rosette for mixers <ul style="list-style-type: none">• diameter: 60 mm• height: 20 mm	chrome	R21W
	3/4" cylindrical rosette for mixers <ul style="list-style-type: none">• diameter: 60 mm• height: 20 mm	black	R25BLW NOWOŚĆ
	Rosette for washbasin <ul style="list-style-type: none">• diameter :25 mm	white	RUB25
	Rosette for washbasin	chrome	
Diameter		Index	
19 mm		RUC19	
25 mm		RUC25	








ROSETTES

	Description	Colour	Index
	Rosette <ul style="list-style-type: none">• diameter: 40 mm	white	R40
	Rosette <ul style="list-style-type: none">• diameter: 50 mm	white	R50
	Siphon rosette <ul style="list-style-type: none">• hole diameter: 32 mm	white	ROS32
	Siphon rosette <ul style="list-style-type: none">• hole diameter: 32 mm• diameter: 70 mm - flat	chrome	ROS32P

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



MIXERS MOUNTING ACCESSORIES

	Description	Colour	Index
	Mixer mounting kit		
	Packaging		Index
	packaging loose (without EAN code)		ZM002
	packaging bag		ZM002W
	Mixer mounting kit		
	Packaging		Index
	packaging loose (without EAN code)		ZM003
	packaging bag		ZM003W
	Mixer mounting kit		
	Packaging		Index
	packaging loose (without EAN code)		ZM004
	packaging bag		ZM004W
	Mixer mounting kit		
	Packaging		Index
	packaging loose (without EAN code)		ZM005
	packaging bag		ZM005W
	G3/4xG1/2 mixer reduction	chrome	R05



Description	Colour	Index
Mixer saddle M18x1.5 left-handed thread		
Packaging		Index
packaging loose (without EAN code)		008001
packaging bag		008001W



Standard mixer saddle		
Packaging		Index
packaging loose (without EAN code)		008005
packaging bag		008005W



Mixer mounting kit		
• packaging: bag		
Packaging		Index
packaging loose (without EAN code)		008003
packaging bag		008003W



Mixer saddle M18x1.5 left-handed thread		
Packaging		Index
packaging loose (without EAN code)		010001
packaging bag		010001W









Nut cover 010001 for wall-mounted mixer	red	
Packaging		Index
packaging bag		OSL1W



MIXERS MOUNTING ACCESSORIES









Description		Colour	Index	
Teflon tape				
			Packaging	
Dimensions	Index		individual	bulk
12 x 10 x 1,205 mm	T01		1 pcs	1000 pcs
12 x 10 x 0,1 mm	T04		1 pcs	1000 pcs
19 x 15 x 0,2 mm	T05			

	Description	Colour	Index
	Washbasin drain rubber plug	white	KORSU42
	Washbasin drain rubber plug	white	KORSU42N
	Sink drain plug	white	KORSZ51
	Sink / shower rubber plug	white	KORZ45N
	Sink plug with chain	white	KORL40
	Sink plug with chain	white	KORZL52






PLUGS AND DRAINS

	Description	Colour	Index
	Sink drain plug with strainer • Ø113 mm		KORSZ113
	Sink drain plug with strainer • Ø90 mm		SPZ90K

	Description	Colour	Index
	Washbasin metal strainer	chrome	SMU1
	Sink metal strainer	chrome	SMZ1
	Strainer for cleaning the sink	chrome	SCCZ
	Stainless screw for sink drain		SNZS
	Stainless screw		
Dimensions			Index
Stainless sink screw M6x30			SNZ30
Stainless washbasin screw M6x60			SNU60









CAPS AND REDUCTIONS


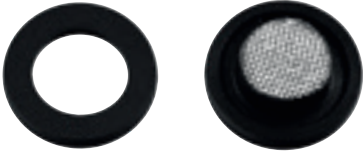

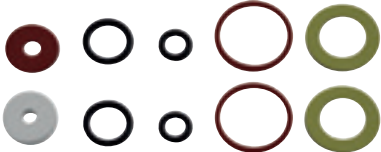

	Description	Colour	Index
	Rubber plug • 50 mm	black	ZG50
	Rubber plug • 32 mm	black	ZG32
	Reduction gasket	white	
	Dimensions	Index	
	32/25 mm	USRD3225	
	40/25 mm	USRD4025	
	40/32 mm	USRD4032	
	50/25 mm	USRD5025	
	50/32 mm	USRD5032	
	50/40 mm	USRD5040	
	50/45 mm	USRD5045	
	56/32 mm	USRD5632	
	56/45 mm	USRD5645	
	60/32 mm	USRD6032	
	60/45 mm	USRD6045	
	Reduction gasket	black	
	Dimensions	Index	
	50/32 mm	USRD5032C	
	50/40 mm	USRD5040C	
	Reducing connector • 110x100		ZR110

	Description	Colour	Index
	Lower cistern funnel	white	LSD1
	Upper cistern funnel	white	LSG1








GASKETS


	Description	Colour	Index
	G1/2 gasket for shower hoses with mesh filter		
	Packaging		Index
	packaging loose (without EAN code)		CF250
	packaging bag		CF250W
	Gasket G3/4 for flush-mounted mixers with mesh filter		
	Packaging		Index
	packaging loose (without EAN code)		CF260
	packaging bag		CF260W
	Mixer headpart O-ring	black	
	Dimensions	Packaging	Index
	1/2"	packaging bag	5 pcs ORGB12
	3/8"	packaging bag	5 pcs ORGB38
	Mixer headpart O-ring 6,3 x 2,4	black	ORGW6324
	• packed by 5 pieces		
	Spout O-ring	black	
	• packed by 5 pieces		
	Shower hose rubber gasket without filter		CF240G
	• 1/2"		
	• packed by 5 pieces		

	Description	Colour	Index
	Ceramic head gasket • packed by 5 pieces	red	USG05
	Mixer rubber gasket without filter • 3/4" • packed by 5 pieces	black	CF270G
	Washing machine hose gasket + gasket without filter	black	
			
Dimensions			Index
1/2"			USWP12
3/4"			USWP34
	Set of rubber gaskets for mixer		USZBAT1
	Set of silicone gaskets for mixer		USZBAT2
	Set of gaskets for spout		
Dimensions			Index
1/2"			USZWYL12
3/4"			USZWYL34



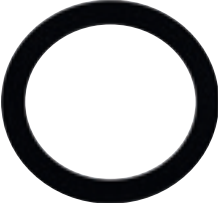

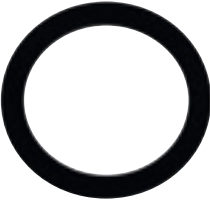



GASKETS


	Description	Colour	Index
	Set of gasket for mixer diverter		USZP
	Hose fiber gasket without filter • packed by 5 pieces		
	Dimensions		Index
	1/2"		CF210F
	3/8"		CF220F
	Hose rubber gasket without filter • 3/8" • packed by 5 pieces		CF230G
	Fiber gasket for headpart • packed by 5 pieces		
	Dimensions		Index
	3/8"		USGF38
	1/2"		USGF12
	3/4"		USGF34
	Silicone gasket for headpart • packed by 5 pieces	white	
	Dimensions		Index
	3/8"		USGG38S
	1/2"		USGG12S
	3/4"		USGG34S
	Flat fiber gasket • 1/2"		USP12

	Description	Colour	Index
	Wedge gasket for washbasin siphon <ul style="list-style-type: none">• 32 mm• packed by 2 pieces	black	USKS32
	Wedge gasket for sink siphon <ul style="list-style-type: none">• 40 mm• packed by 2 pieces	black	USKS40
	Wedge gasket for toilet cistern siphon <ul style="list-style-type: none">• 32 mm• packed by 2 pieces	black	USKD
	Gasket for toilet elbow pipe	black	USPK
	Lip sealing ring <ul style="list-style-type: none">• packed by 2 pieces	black	
Dimensions			Index
32 mm			PUWG32
40 mm			PUWG40
Bottom toilet cistern seal with edge		black	
Dimensions			Index
66/36 mm			USD6636
71/44 mm			USD7144



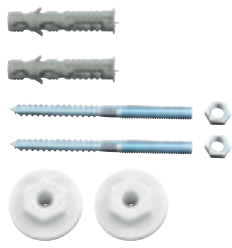



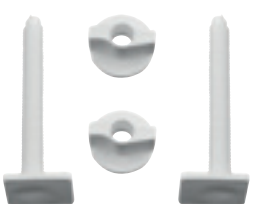
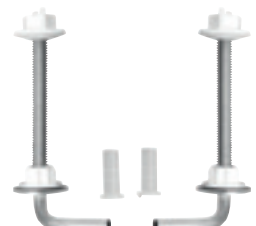
GASKETS

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

	Description	Colour	Index
	Toilet cistern repair kit	black	ZNPDN
	Rubber foam gasket for compact WC unit	black	
Dimensions			Index
10,0 mm x 7 mm			UKPG1
10,9 mm x 6 mm			UKPG2
10,9 mm x 7 mm			UKPG3
8,4 mm x 6 mm			UKPG4



MOUNTING

	Description	Colour	Index
	Washbasin fixing set	white	
	Dimensions		Index
	8 mm x 100 mm		KMU100
	8 mm x120 mm		KMU120
	8 mm x140 mm		KMU140
	Toilet mounting kit	white	ZMWB
	Toilet mounting kit	chrome	ZMWC
	Toilet seat fixing set B203 • plastic	white	ZMDB203T
	Toilet seat fixing set B202 • plastic	white	ZMDB202T
	Toilet seat fixing set B203 • metal	white	ZMDB203M



Description	Colour	Index
WC compact unit fixing screws • L-78 mm		SMZ78



SWITCHES

Description		Colour	Index
Bath mixer switch			
Index	mixers		
P001AG	Smile, Ascoli		
26-SWITCH	Padwa, Verona		
20-SWITCH	Cassino, Capri		
41-SWITCH	Modena		
65-SWITCH	Ancona		
BVA-SWITCH	Vasto		
BST-SWITCH-H-Q	Standard, Retro (from 2019)		
XD-SWITCH-H-Q	Retro New (from 2019)		
XD-SWITCH	Retro New		





INSTALLATION & HEATING TECHNIQUE



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SPARE PARTS
450

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.



Thermostatic decorative sets

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

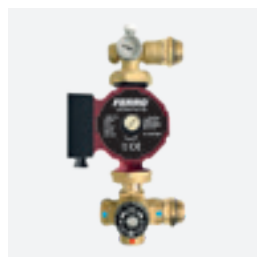
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Bathroom radiators

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 413



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.

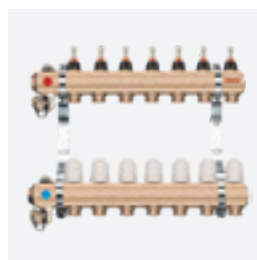
Page 04



Manifold cabinets

enable aesthetic installation of manifolds and their accessories. Ferro offers a wide range of flush and surface-mounted cabinets in various lengths, depths and heights as well as models with adjustable dimensions.

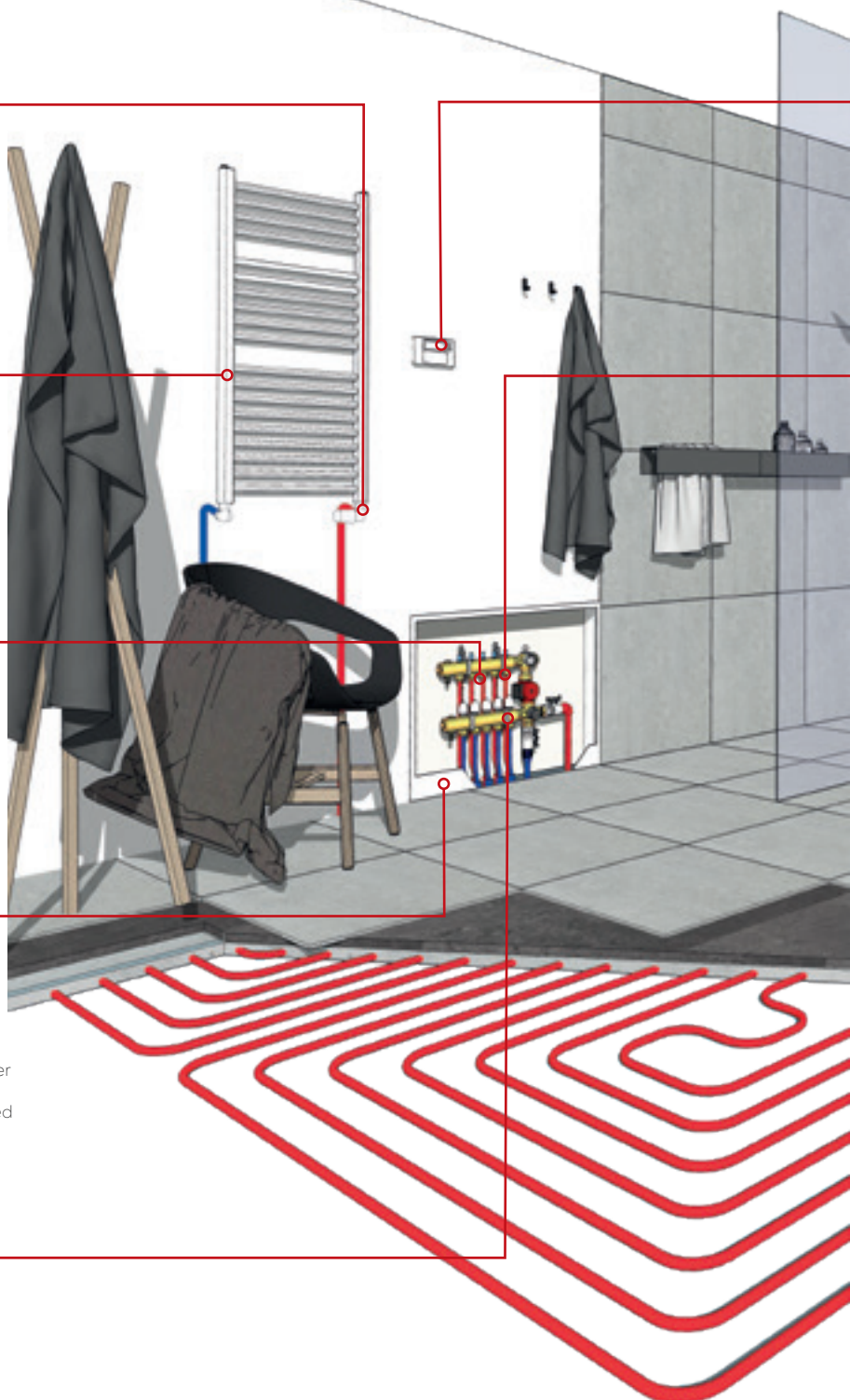
Page 402



Manifolds

are indispensable devices in every modern radiator system, both with classic convection radiators and surface radiators, including floor radiators. The offer includes models with various equipping and outfitting adjusted to all practically encountered installation solutions.

Page 386



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.



Connectors

Ferro's broad spectrum of fittings for different types of installations includes fittings for homogeneous and multilayer plastic pipes as well as steel and copper pipes.

Page 383



Angle valves

enable connection of household appliances such as washing machines, dishwashers, faucets/mixers, toilets, etc. FERRO offers a wide range of many models which differ in style, purpose and functionality.

Page 304



Connection hoses

are an indispensable element wherever there is a need for flexible connection of installation elements. We offer hoses in a wide range of lengths, types and diameters.

Page 314



PEX System Surface heating and plumbing

A multilayer, flexible pipe designed for heating systems, hot water, cold water and compressed air installations.

Page 381

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

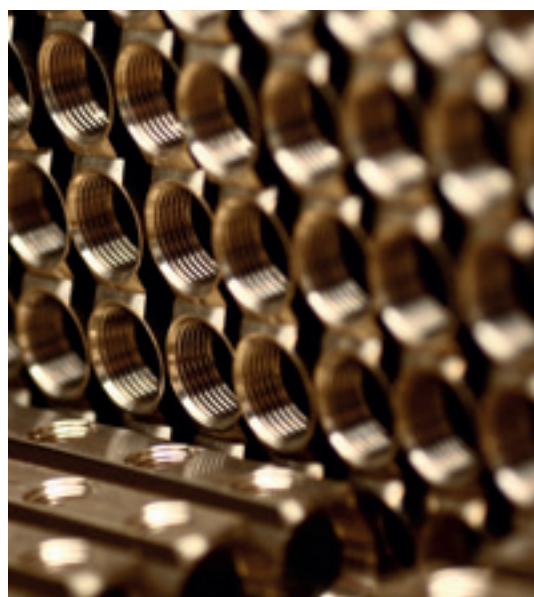
At every stage of production, FERRO attaches great importance to details, both in terms of their perfect execution and finish. Thanks to this, every product of the company is characterized by the highest quality and impeccable appearance.

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.



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.

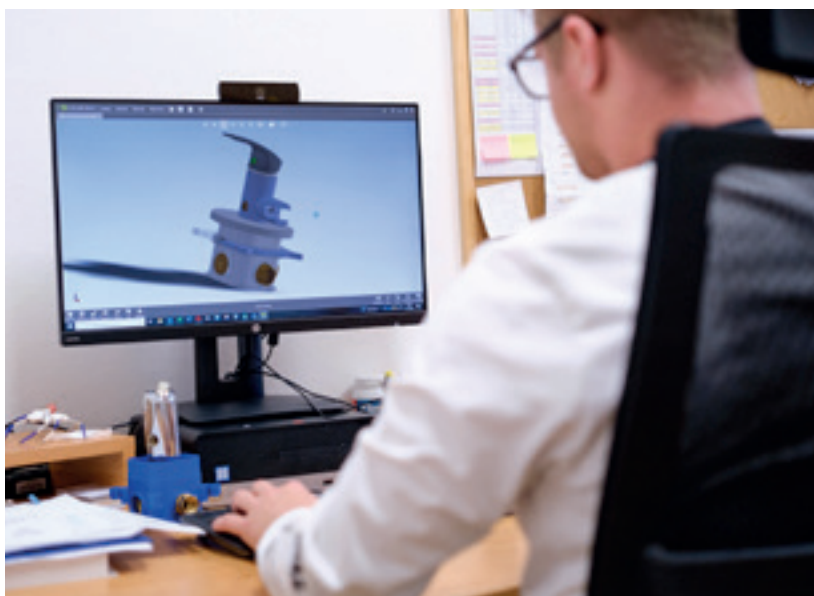
The factory in Znojmo has a modern CNC machining plant, its own glassworks, assembly line, electroplating line, as well as faucet folding and polishing stations. The plant has almost 40 years of production tradition. Today not only faucets are manufactured there, but also bathroom accessories, bathroom 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

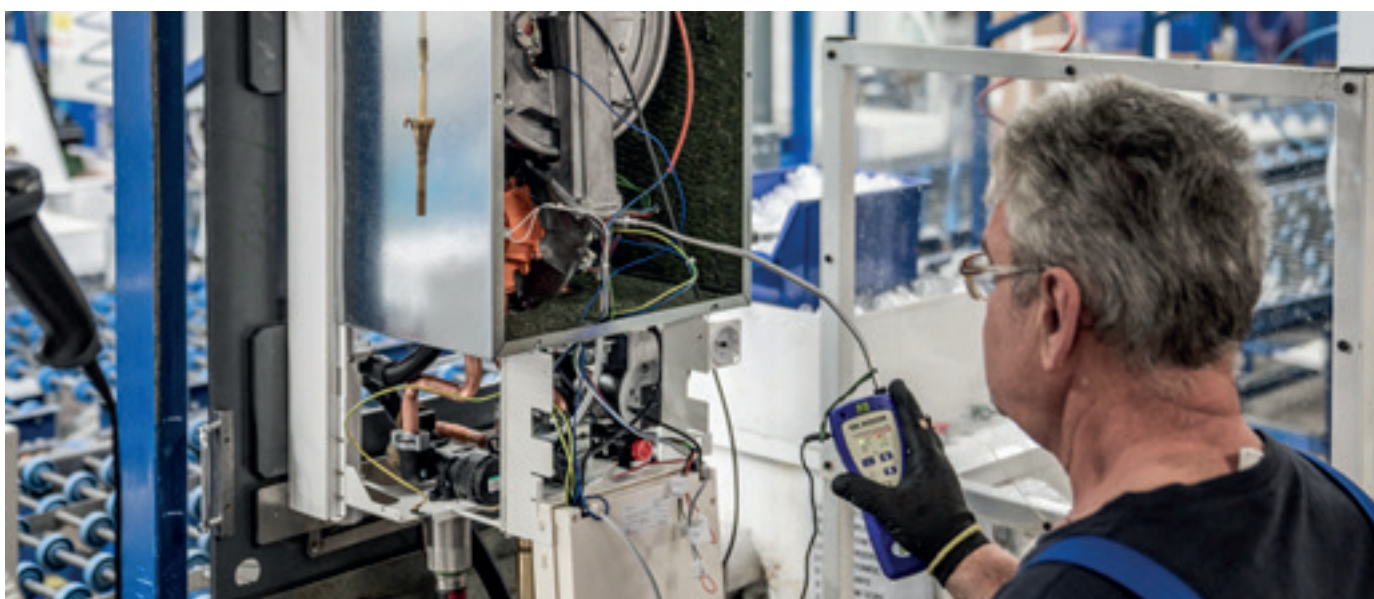
Our company and its success is created by people who constitute the most valuable asset of the Group. FERRO's organizational culture is created by people with passion and open-mindedness, which is why we employ exceptional employees and ensure their continuous development. We believe that an appropriate 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.




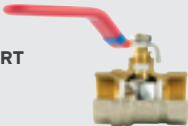







PEOPLE

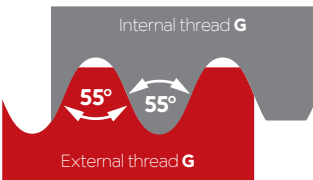
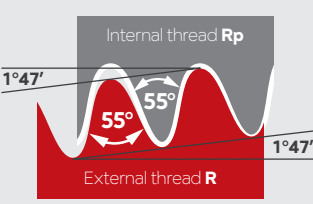

Our team consists of almost half a thousand people from all over Europe. The experience of our long-time employees is complemented by a fresh look of these younger ones, thanks to which we realize creative ideas and implement innovative solutions together. And, together we create an energetic, efficient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



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	  	yes	10 years
F-COMFORT 	G	2,0 MPa (20 bar)	100°C	reduced	yes		yes	5 years
HERKULES 	Rp, R	4,0 MPa (40 bar)	140°C	yes	yes	  	yes	15 years

Thread types

Thread	Sketch	Description	In compliance with norms	Compatibility	Seal
G	 <p>Internal thread G</p> <p>External thread G</p>	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	 <p>Internal thread Rp</p> <p>External thread R</p>	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	 <p>External thread R</p>	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	


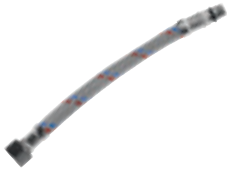
Hydraulic fittings

VALVES

				
BALL VALVES - F-POWER 278	BALL VALVES - F-COMFORT 285	BALL VALVES - HERKULES 291	ANGLE BALL VALVES WITH HALF-UNION 294	BALL VALVES - OTHER 298
				
OTHER WATER VALVES 300	ANGLE VALVES 304	HYDRAULIC FITTINGS FOR SOLDERING 310		

CONNECTORS

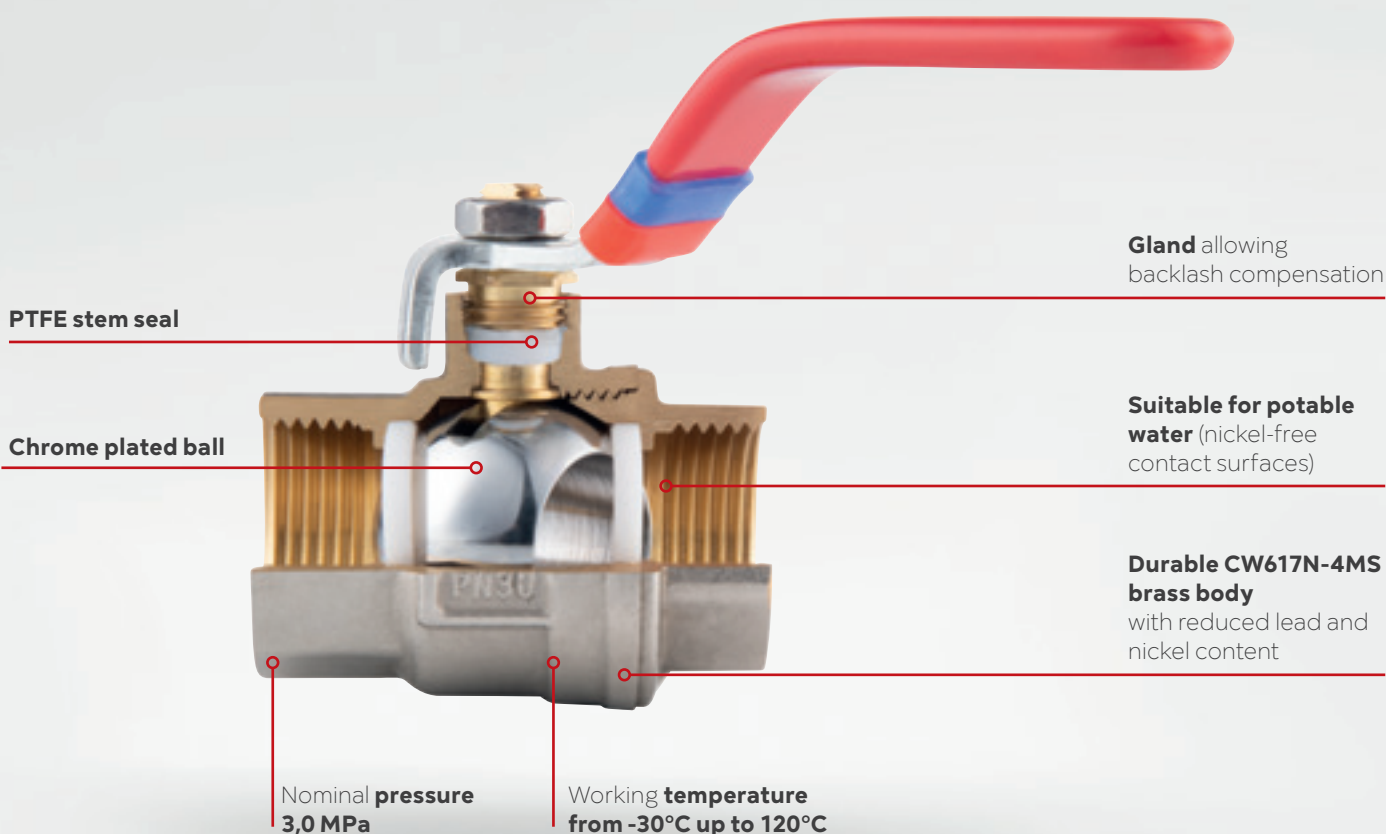
HOSES

	
CONNECTORS FOR SOLDERING 311	CONNECTION HOSES 314



F-Power

- ball valves



Advantages

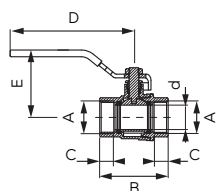
- warranty: 10 years
- valve bore without any constriction affecting the flow, full port according to standard
- valves are adapted to potable water - surface, which may have contact with potable water (inside the valve and connection threads) is not nickel plated
- solid metal handle
- the gland on 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



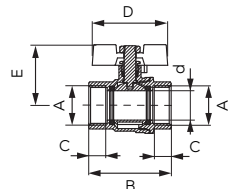
Description

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]	Kvs [m³/h]	Index	Packaging	
									individual	bulk
10	G3/8	10	9	43	45	94	4,33	KFP10	20 pcs	120 pcs
15	G1/2	15	10,5	50,5	48,5	96	7,86	KFP1	12 pcs	120 pcs
20	G3/4	20	11	56	55	101,5	15,60	KFP2	10 pcs	80 pcs
25	G1	25	13	66,5	65,5	116,5	24,13	KFP3	8 pcs	48 pcs
32	G1 1/4	32	14	79	70,5	116,5	44,97	KFP4	8 pcs	32 pcs
40	G1 1/2	40	14,5	90	74	126,5	66,94	KFP5	4 pcs	24 pcs
50	G2	50	16	104	90,5	151,5	105,65	KFP6	2 pcs	12 pcs
65	G2 1/2	65	24	141	123,5	242	-	KFP7	1 pcs	4 pcs
80	G3	80	24	160	135,5	242	-	KFP8	1 pcs	4 pcs
100	G4	98	28	192	149	267	-	KFP9	1 pcs	2 pcs

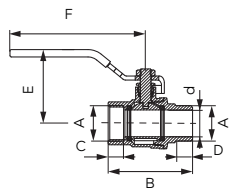


F-Power ball valve

- 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]	Kvs [m³/h]	Index	Packaging	
									individual	bulk
10	G3/8	10	9	43	34	51,3	4,33	KFPM10	12 pcs	120 pcs
15	G1/2	15	10,5	50,5	37,9	51,3	7,86	KFPM1	15 pcs	150 pcs
20	G3/4	20	11	56	41,3	51,3	14,80	KFPM2	12 pcs	96 pcs
25	G1	25	13	66,5	47,4	65	24,13	KFPM3	10 pcs	50 pcs
32	G1 1/4	32	14	79	63,7	88	42,58	KFPM4	6 pcs	24 pcs



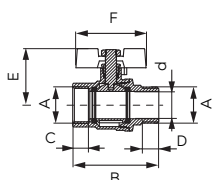
F-Power ball valve

- 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]	Kvs [m³/h]	Index	Packaging	
										individual	bulk
10	G3/8	10	9	10,5	53,5	45	94	4,21	KFP101	10 pcs	120 pcs
15	G1/2	15	10,5	11	58,5	48,5	96	7,06	KFP11	10 pcs	100 pcs
20	G3/4	20	11	11,5	63	54	101,5	14,80	KFP21	10 pcs	80 pcs
25	G1	25	13	13,5	75,5	65,5	116,5	23,11	KFP31	10 pcs	40 pcs
32	G1 1/4	32	14	18,5	93	70,5	116,5	42,01	KFP41	6 pcs	24 pcs
40	G1 1/2	40	14,5	18	101	74	126,5	66,14	KFP51	4 pcs	16 pcs
50	G2	50	16	20,5	120,5	90,5	151,5	-	KFP61	2 pcs	12 pcs

BALL VALVES - F-POWER



Description

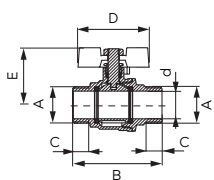
F-Power ball valve

- 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



Packaging

DN	A	d[mm]	C[mm]	D[mm]	B[mm]	E[mm]	F[mm]	Kvs[m³/h]	Index	individual	bulk
10	G3/8	10	9	10,5	53,5	34	51,3	4,33	KFPM101	12 pcs	120 pcs
15	G1/2	15	10,5	11	58,5	37,9	51,3	7,29	KFPM11	15 pcs	90 pcs
20	G3/4	20	11	11,5	63	41,3	51,3	14,80	KFPM21	12 pcs	96 pcs
25	G1	25	13	13,5	75,5	47,4	65	23,11	KFPM31	10 pcs	50 pcs
32	G1 1/4	32	14	18,5	93	63,7	88	42,58	KFPM41	6 pcs	24 pcs



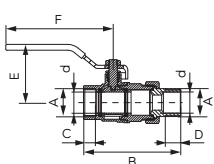
F-Power ball valve

- 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



Packaging

DN	A	d[mm]	C[mm]	B[mm]	E[mm]	D[mm]	Kvs[m³/h]	Index	individual	bulk
15	G1/2	15	11	59,5	37,9	51,3	6,94	KFPN1	15 pcs	90 pcs
20	G3/4	20	11,5	64,5	41,3	51,3	15,71	KFPN2	12 pcs	96 pcs
25	G1	25	13,5	77	47,4	65	22,31	KFPN3	10 pcs	50 pcs





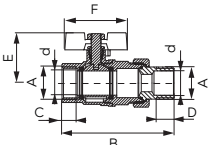

F-Power ball valve

- 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



Packaging



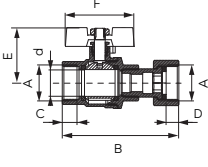

DN	A	d[mm]	C[mm]	D[mm]	B[mm]	E[mm]	F[mm]	Kvs[m³/h]	Index	individual	bulk
15	G1/2	15	10,5	12,5	80,8	48,5	96	7,29	KFPS11	8 pcs	80 pcs
20	G3/4	20	11	12,5	93	53,8	101,5	14,80	KFPS21	6 pcs	48 pcs
25	G1	25	13	16,5	108	64,6	116,5	22,43	KFPS31	4 pcs	20 pcs
32	G1 1/4	32	14	16,5	124,6	70,5	116,5	41,10	KFPS41	2 pcs	12 pcs



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



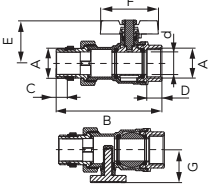

								Packaging			
DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	15	12,5	12	79,5	37,9	51,3	7,29	KFPS1	10 pcs	100 pcs
20	G3/4	20	14,5	12,5	92,1	41,3	51,3	13,55	KFPS2	12 pcs	48 pcs
25	G1	25	16,5	14,5	108	47,4	65	22,43	KFPS3	6 pcs	30 pcs
32	G1 1/4	32	18,5	15,5	124,6	63,7	88	40,98	KFPS4	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

								Packaging			
DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	15	12,5	11	70	37,9	51,3	4,21	KFPM1SG	10 pcs	100 pcs
20	G3/4	20	15	11	74,5	41,3	51,3	8,65	KFPM2SG	6 pcs	60 pcs



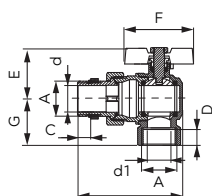
F-Power ball valve with thermometer

- 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} [m³/h]	Index	individual	bulk
25	G1	25	118,5	12,5	17,5	47,6	65	36,6	19,01	KFPS3T	4 pcs	24 pcs



BALL VALVES - F-POWER



Description

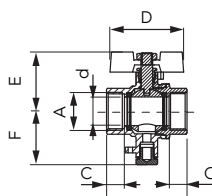
F-Power angle ball valve

- 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



Packaging

DN	A	d [mm]	d1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Kvs [m³/h]	Index	individual	bulk
25	G1	25	22	99	125	16,5	47,6	65	44	10,93	KFPS3A	2 pcs	20 pcs



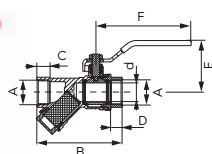
F-Power ball valve with M10x1 connection for temperature sensor

- 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



Packaging

DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	Kvs [m³/h]	Index	individual	bulk
15	G1/2	15	12	50,5	38	51,3	37,2	7,17	KFPMT1	12 pcs	120 pcs
20	G3/4	20	12,5	56,1	41,1	51,3	37,2	15,37	KFPMT2	12 pcs	60 pcs




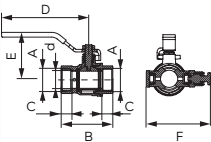


F-Power ball valve with filter

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


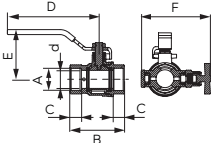




Packaging


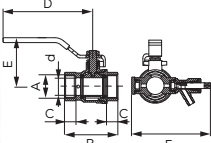


DN	A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	Kvs [m³/h]	Index	individual	bulk
15	G1/2	15	13	12	79	48,5	96	3,19	KFPZF1	8 pcs	40 pcs
20	G3/4	20	13	12,5	90,5	55	101,5	6,38	KFPZF2	10 pcs	40 pcs
25	G1	25	15	14,5	108	65,5	116,5	10,13	KFPZF3	4 pcs	32 pcs
32	G1 1/4	32	16	15,5	137	70,5	116,5	13,66	KFPZF4	2 pcs	8 pcs

Description									
  									
F-Power ball valve with manual air-vent and plug <ul style="list-style-type: none"> • 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 									
									
Packaging									

DN A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K _{vs} [m³/h]	Index	individual	bulk
15 G1/2	15	12	54	48,5	96	68,5	7,51	KFP01	6 pcs	48 pcs
20 G3/4	20	12,5	60	55	101,5	74,5	15,48	KFP02	6 pcs	36 pcs
25 G1	25	14,5	70,5	65,5	116,5	80,5	22,65	KFP03	4 pcs	24 pcs
32 G1 1/4	32	15,5	83	70,5	116,5	90,5	45,08	KFP04	6 pcs	24 pcs
40 G1 1/2	40	16	93,5	74	126,5	98,5	58,40	KFP05	2 pcs	12 pcs
50 G2	50	17,5	107,5	90,5	151,5	109,5	105,99	KFP06	1 pcs	6 pcs


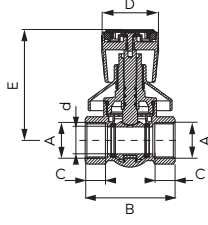


  									
F-Power ball valve with manual air-vent and plug <ul style="list-style-type: none"> • female-female • full bore • with gland • handle: metal lever • body and ball material: brass • material of ball and stem seals: PTFE • nominal pressure 16 bar (PN16) • maximum working temperature: 120°C 									
									
Packaging									


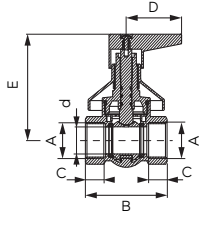


DN A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K _{vs} [m³/h]	Index	individual	bulk
15 G1/2	15	12	54	48,5	96	71,3	7,51	KFPOM1	10 pcs	50 pcs
20 G3/4	20	12,5	60	55	101,5	77,3	15,48	KFPOM2	6 pcs	48 pcs
25 G1	25	14,5	70,5	65,5	116,5	83,3	22,65	KFPOM3	5 pcs	20 pcs

  									
F-Power ball valve with drain, manual air-vent and plug <ul style="list-style-type: none"> • 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 									
									
Packaging									

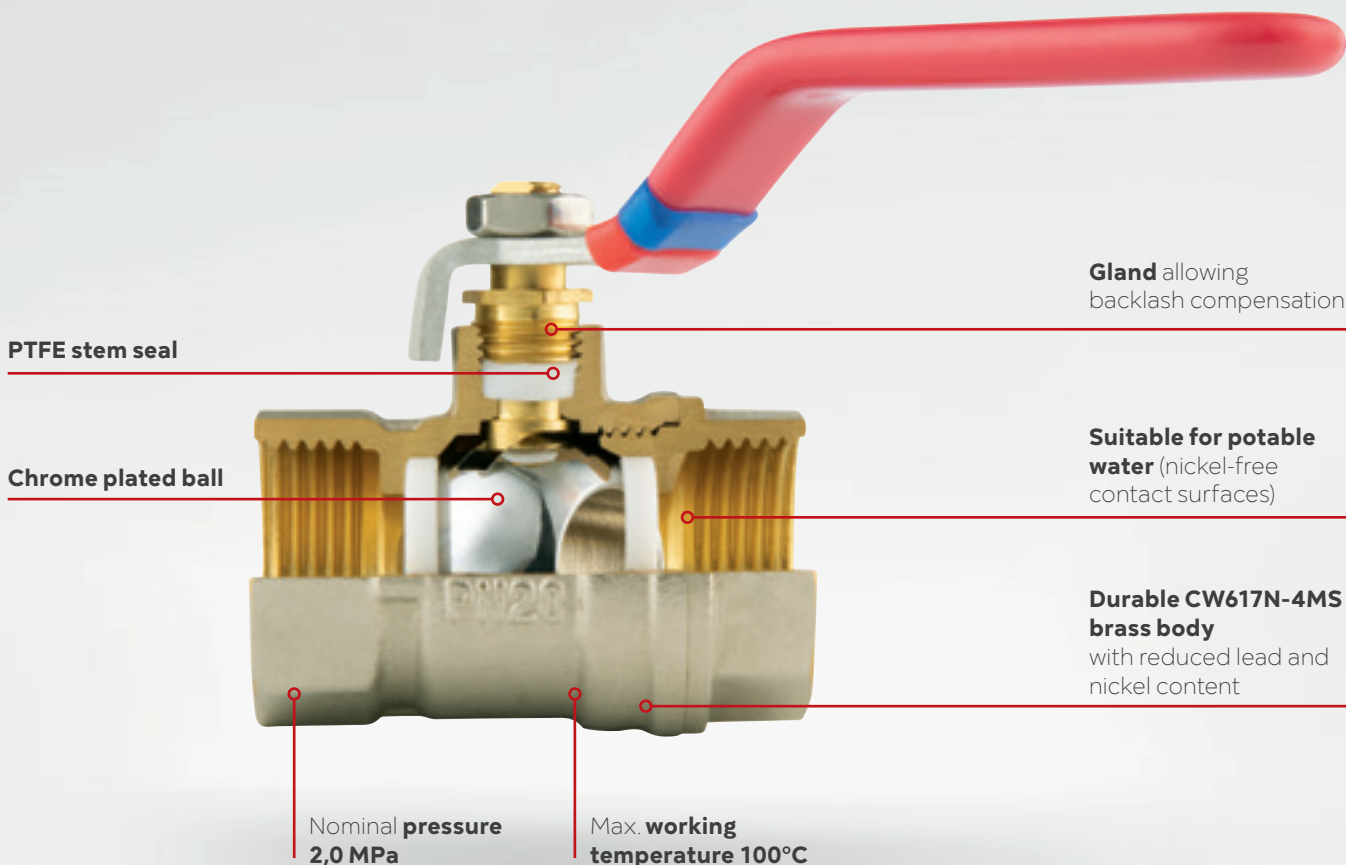
DN A	d [mm]	C [mm]	D [mm]	B [mm]	E [mm]	F [mm]	K _{vs} [m³/h]	Index	individual	bulk
15 G1/2	15	12	54	48,5	96	82,7	7,51	KFPW1	8 pcs	64 pcs
20 G3/4	20	12,5	60	55	101,5	88,7	12,41	KFPW2	6 pcs	48 pcs
25 G1	25	14,5	70,5	65,5	116,5	94,7	21,40	KFPW3	4 pcs	24 pcs
32 G1 1/4	32	15,5	83	70,5	116,5	104,7	41,21	KFPW4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

BALL VALVES - F-POWER

									Description		
<div></div>									F-Power concealed ball valve <ul style="list-style-type: none">• 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 <div></div>		
									Packaging		
DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	Kvs [m³/h]	Index			
15	G1/2	15	12,5	57	78,8	45,3	7,29	KFP1P	individual	4 pcs	32 pcs
20	G3/4	20	15	66,5	82	45,3	14,00	KFP2P	individual	4 pcs	20 pcs

<div></div>									F-Power concealed ball valve <ul style="list-style-type: none">• 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 <div></div>		
									Packaging		
DN	A	d [mm]	C [mm]	B [mm]	E [mm]	D [mm]	Kvs [m³/h]	Index			
15	G1/2	15	12,5	57	73,5	45	7,29	KFP1D	individual	4 pcs	32 pcs
20	G3/4	20	15	66,5	76,5	45	14,00	KFP2D	individual	4 pcs	32 pcs

F-Comfort - ball valves



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

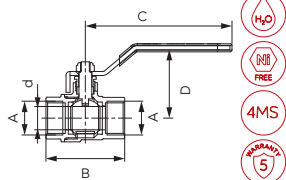
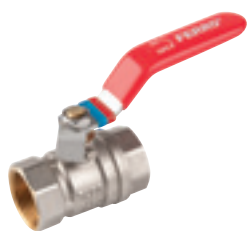
Workmanship and materials

- 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



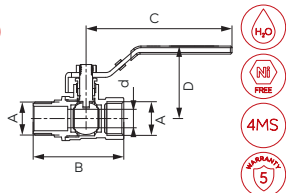
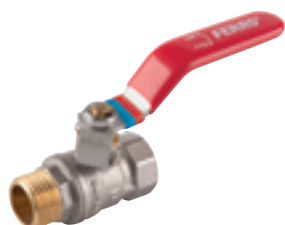
F-Comfort ball valve

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	12	47	91	45,2	6,83	KFC1	15 pcs	90 pcs
20	G3/4	16	55,5	91	48,5	10,94	KFC2	12 pcs	72 pcs
25	G1	21	63	113	59	24,48	KFC3	10 pcs	40 pcs
32	G1 1/4	27	70,2	131	67	36,30	KFC4	9 pcs	36 pcs
40	G1 1/2	33	81	154	82,5	54,77	KFC5	4 pcs	16 pcs
50	G2	43	94,4	154	86	93,22	KFC6	2 pcs	12 pcs



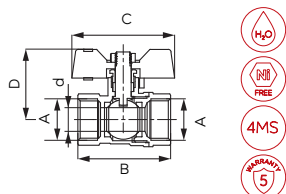
F-Comfort ball valve

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	12	54,5	91	45,2	6,83	KFC11	15 pcs	90 pcs
20	G3/4	16	62,5	91	48,5	10,94	KFC21	10 pcs	60 pcs
25	G1	21	71,5	113	59	24,48	KFC31	10 pcs	40 pcs
32	G1 1/4	27	78,5	131	67	36,30	KFC41	6 pcs	36 pcs
40	G1 1/2	33	93	154	82,5	54,77	KFC51	4 pcs	16 pcs
50	G2	43	103,2	154	86	93,22	KFC61	2 pcs	12 pcs



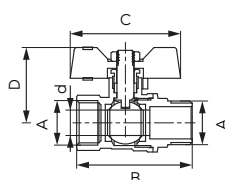
F-Comfort ball valve

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	12	47	52	35,5	5,34	KFCM1	24 pcs	120 pcs
20	G3/4	16	55,5	52	38,8	13,31	KFCM2	18 pcs	90 pcs
25	G1	21	63	67,5	49,5	21,28	KFCM3	10 pcs	60 pcs



Description

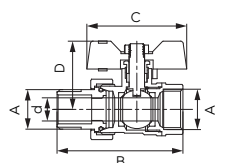
F-Comfort ball valve

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	Kvs [m³/h]	Index	individual	bulk
15	G1/2	12	54,5	52	35,5	5,34	KFCM11	18 pcs	144 pcs
20	G3/4	16	62,5	52	38,8	13,31	KFCM21	18 pcs	90 pcs
25	G1	21	71,5	67,5	50	21,28	KFCM31	10 pcs	60 pcs

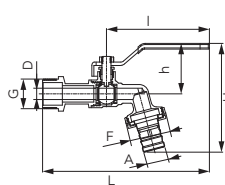
**F-Comfort ball valve**

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	Kvs [m³/h]	Index	individual	bulk
15	G1/2	12	65,5	52	35,5	6,39	KFCS1	15 pcs	75 pcs
20	G3/4	16	76	52	38,8	11,83	KFCS2	14 pcs	56 pcs
25	G1	21	87	67,5	50	21,50	KFCS3	12 pcs	36 pcs

**F-Comfort intake water ball valve**

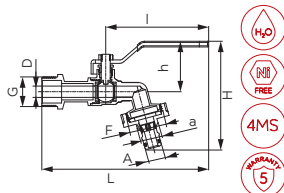
- male
- with gland
- with metal hose connector
- handle: metal lever
- body and ball material: brass
- material of ball and stem seals: PTFE
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C



Packaging

DN	G	D [mm]	L [mm]	I [mm]	H [mm]	h [mm]	A [mm]	F	Kvs [m³/h]	Index	individual	bulk
15	G1/2	10	144	90	92	43	15	G3/4	2,50	KCN1	15 pcs	60 pcs
20	G3/4	10	148	90	95	43	19,5	G1	2,72	KCN2	10 pcs	60 pcs
25	G1	16	182	112	119	55	27	G1 1/4	8,19	KCN3	5 pcs	30 pcs

BALL VALVES - F-COMFORT



Description

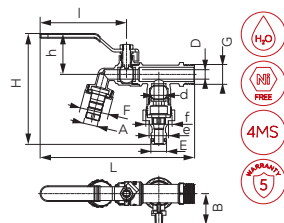
F-Comfort intake water ball valve with plastic quick coupler hose connection

- 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



Packaging

DN	G	D [mm]	L [mm]	I [mm]	H [mm]	h [mm]	A [mm]	a [mm]	F	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	10	144	90	94	43	15,5	19,8	G3/4	2,50	KCPN1	15 pcs	60 pcs
20	G3/4	10	148	90	97	43	15,5	19,8	G1	2,50	KCPN2	10 pcs	60 pcs



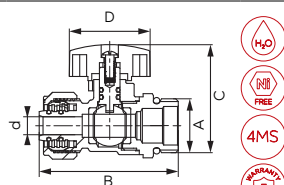
F-Comfort bibcock with two outlets

- 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



Packaging

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



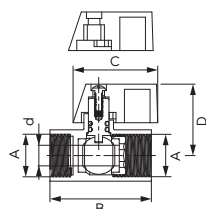
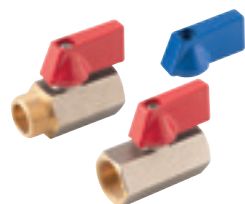
F-Comfort ball valve for 16x2 multilayer pipes

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	K _{vs} [m³/h]	Index	individual	bulk
15	G1/2	7	54,2	31,6	31,5	2,50	KNPEX16 red	10 pcs	120 pcs
15	G1/2	7	54,2	31,6	31,5	2,50	KNPEX16-BH blue	10 pcs	120 pcs



Description

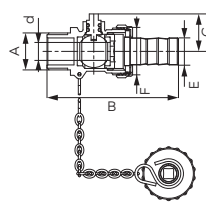
F-Comfort mini ball valve

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	D [mm]	Kvs [m³/h]		Index	individual	bulk
10	G1/2	10	47,2	33	29,8	4,68	female-male	KRN1	20 pcs	240 pcs
10	G1/2	10	47,2	33	29,8	4,68	female-female	KRN2	20 pcs	160 pcs
8	G3/8	8	41	33	28,3	2,85	female-female	KRN10	10 pcs	120 pcs
8	G3/8	8	41	33	28,3	2,85	female-male	KRN101	10 pcs	120 pcs

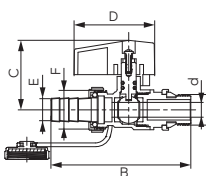
**F-Comfort drain ball valve with cap handle**

- 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



Packaging

DN	A	d [mm]	B [mm]	C [mm]	E [mm]	F	Kvs [m³/h]	Index	individual	bulk
15	G1/2	10	74	21,3	15	G3/4	3,64	ZSN1	15 pcs	120 pcs
20	G3/4	12	76,5	22,3	15	G3/4	6,48	ZSN2	10 pcs	60 pcs

**F-Comfort drain ball valve with cap handle**

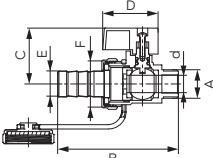






- male
- hose connector and plug included
- additional nut with a seal on the mounting thread
- body and ball material: brass
- material of ball and stem seals: PTFE
- double stem sealing (2 pcs O-ring)
- handle: metal butterfly
- nominal pressure: 10 bar (PN10)
- maximum working temperature: 100°C



Packaging

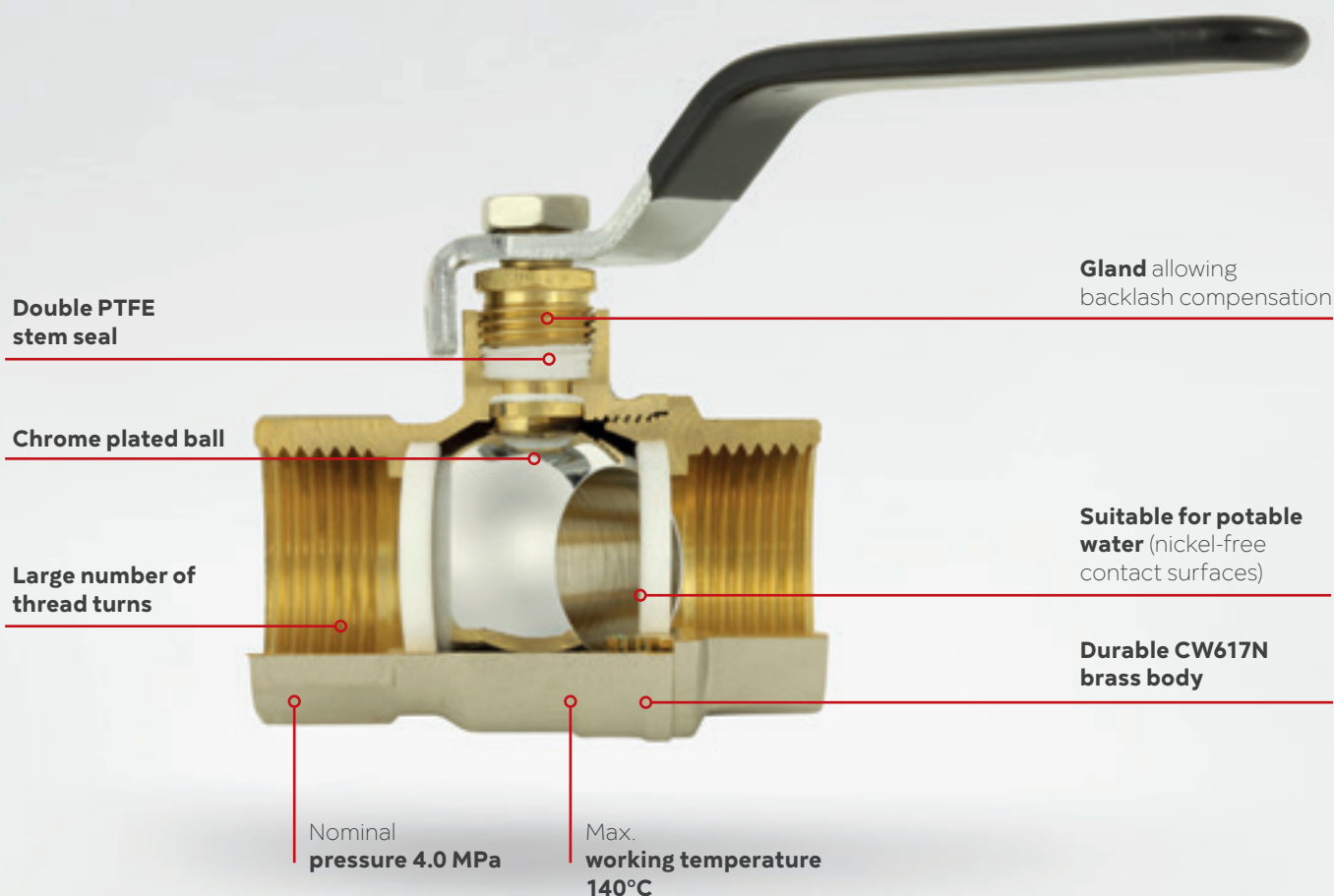
DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F	Kvs [m³/h]	Index	individual	bulk
10	G3/8	10	82,5	40,5	43,5	13	G1/2	3,54	ZSUN10	10 pcs	120 pcs
15	G1/2	12	92	41	43,5	15	G3/4	5,57	ZSUN1	10 pcs	80 pcs
20	G3/4	15	92	43	43,5	19,6	G1	10,37	ZSUN2	10 pcs	60 pcs

BALL VALVES - F-COMFORT

										Description		
<div></div>										<div></div> F-Comfort drain ball valve <ul style="list-style-type: none">• 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		
										Packaging		
DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F	Kvs [m³/h]	Index			
10	G3/8	9	68,5	32,3	32	15	G3/4	3,42	ZSSN10	individual	10 pcs	120 pcs
15	G1/2	9	70,5	32,3	32	15	G3/4	3,54	ZSSN1	individual	10 pcs	120 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

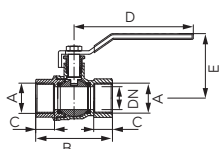
- nominal pressure: 4.0 MPa (40 bar)
- maximum working temperature: 140°C
- working media: water (water supply systems and central heating), max. 50% glycol solution in water (solar and central heating installations), compressed air
- Herkules ball valves type V17 have received a National Technical Assessment 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

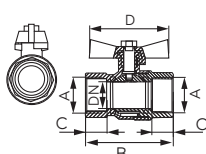


Herkules ball valve type V17

- 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



DN	A	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging		Retail (bags)	Retail (Eurohanger)
							individual	bulk	Index	Index
15	Rp 1/2	56	13	~100	49	KPH1	10 pcs	120 pcs	KPH1W	KPH1E
20	Rp 3/4	66	14,5	~102	55	KPH2	9 pcs	81 pcs	KPH2W	KPH2E
25	Rp 1	76	16,8	~116	64	KPH3	8 pcs	48 pcs	KPH3W	KPH3E
32	Rp 1 1/4	86	18	~116	71	KPH4	4 pcs	36 pcs	KPH4W	
40	Rp 1 1/2	94	18	~149	80	KPH5	2 pcs	18 pcs	KPH5W	
50	Rp 2	115	23	~149	90	KPH6	2 pcs	12 pcs	KPH6W	

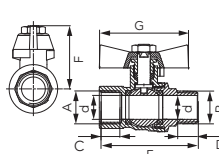


Herkules ball valve type V17

- 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



DN	A	B [mm]	C [mm]	D [mm]	Index	Packaging		Retail (bags)	Retail (Eurohanger)
						individual	bulk	Index	Index
15	Rp 1/2	56	13	~56	KMH1	12 pcs	144 pcs	KMH1W	KMH1E
20	Rp 3/4	66	14,5	~66	KMH2	9 pcs	81 pcs	KMH2W	KMH2E
25	Rp 1	76	16,8	~72	KMH3	8 pcs	64 pcs	KMH3W	KMH3E

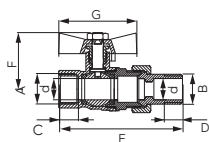


Herkules ball valve type V17

- 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



DN	A	B	C [mm]	D [mm]	d [mm]	E [mm]	F [mm]	G [mm]	Index	Packaging		Retail (bags)	Retail (Eurohanger)
										individual	bulk	Index	Index
15	Rp 1/2	R 1/2	13	13	15	61,5	40	~56	KMH11	12 pcs	144 pcs	KMH11W	KMH11E
20	Rp 3/4	R 3/4	14,5	14,5	20	70	46,5	~66	KMH21	9 pcs	81 pcs	KMH21W	KMH21E
25	Rp 1	R 1	16,8	16,8	25	81,5	51	~72	KMH31	8 pcs	64 pcs	KMH31W	KMH31E



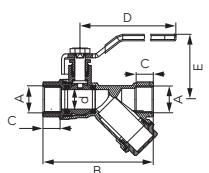
Description

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



DN	A	B	C [mm]	D [mm]	d [mm]	E [mm]	F [mm]	G [mm]	Index	Packaging		Retail (bags)	
										individual	bulk	Index	Index
15	Rp 1/2	R 1/2	13	13	15	~88	40	~56	KSH1	8 pcs	96 pcs	KSH1W	KSH1E
20	Rp 3/4	R 3/4	14,5	14,5	20	~99	46,5	~66	KSH2	6 pcs	54 pcs	KSH2W	KSH2E
25	Rp 1	R 1	16,8	17	25	~115	51	~72	KSH3	6 pcs	48 pcs	KSH3W	KSH3E

**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



DN	A	B	C [mm]	D [mm]	d [mm]	E [mm]	Index	Packaging		Retail (bags)	
								individual	bulk	Index	Index
15	Rp 1/2	83,5	13	~94	15	49	KZFH1	6 pcs	72 pcs	KZFH1W	
20	Rp 3/4	103,5	14,5	~102	20	55	KZFH2	4 pcs	36 pcs	KZFH2W	
25	Rp 1	121	16,8	~116	25	66	KZFH3	4 pcs	32 pcs	KZFH3W	
32	Rp 1 1/4	143	18	~116	32	71	KZFH4	2 pcs	16 pcs		

Angle ball valves with half-union

Surface for flat seal

Swivel nut

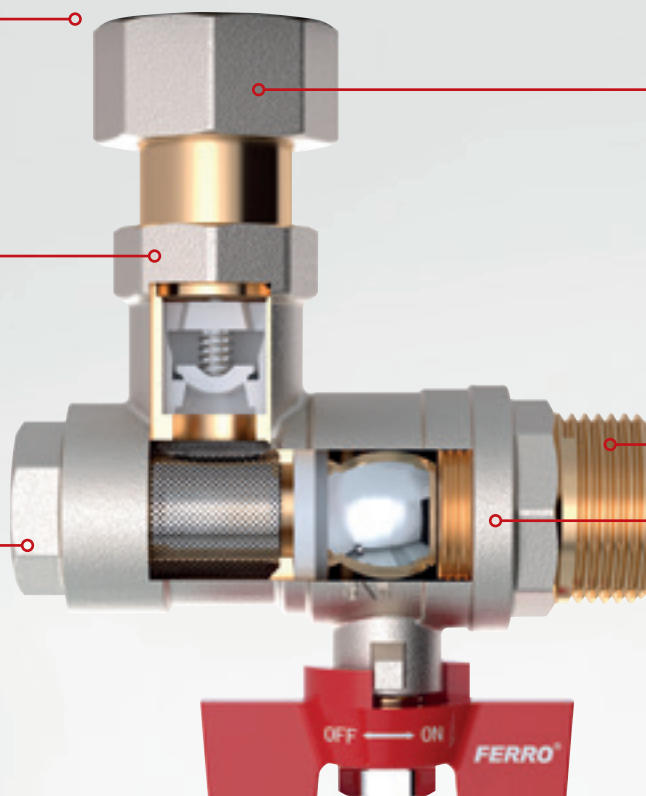
CW617N-4MS brass

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**



Advantages




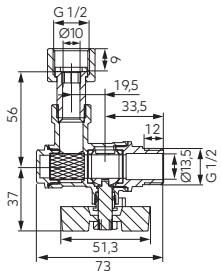

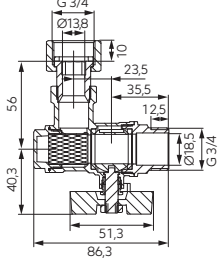


- the valve design allows for installation in small places available
- valves adapted for drinking water – surface, which comes into contact with drinking water (inside of the valve and connection threads) is not nickel-plated.
- solid metal handle
- a choke placed in the stem allows compensation of 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


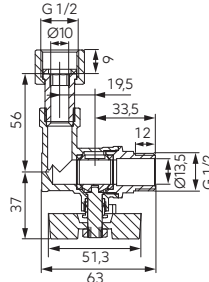





Workmanship and materials

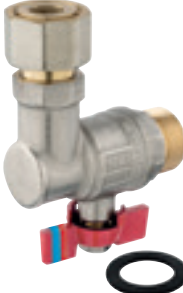
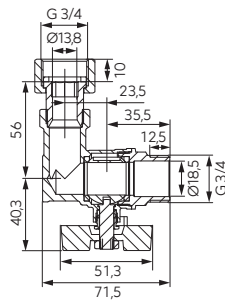





- the nut of the valve drops below the connection face so that the appliance (e.g. gas boiler) can be easily removed for maintenance
- compact design enables installation in confined spaces
- mesh filters made of high-quality stainless steel protect the installation equipment from impurities
- check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


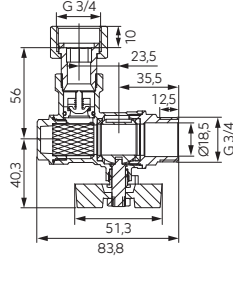







Description								
  	Angle ball valve with butterfly and 1/2 half-union, female-male	NEW						
	<ul style="list-style-type: none">• female-male with half-union• with gland• handle: metal butterfly type• body and ball material: brass• material of ball and stem seals: PTFE• material of flat seals: EPDM• nominal pressure: 10 bar• maximum working temperature: 100°C							
<div><div></div><div>Packaging</div></div>								
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>KFM1SGK</td><td>1 pcs</td><td>10 pcs</td></tr></table>			Index	individual	bulk	KFM1SGK	1 pcs	10 pcs
Index	individual	bulk						
KFM1SGK	1 pcs	10 pcs						
  	Angle ball valve with butterfly and 3/4 half-union, female-male	NEW						
	<ul style="list-style-type: none">• 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							
<div><div></div><div>Packaging</div></div>								
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>KFM2SGK</td><td>1 pcs</td><td>8 pcs</td></tr></table>			Index	individual	bulk	KFM2SGK	1 pcs	8 pcs
Index	individual	bulk						
KFM2SGK	1 pcs	8 pcs						
  	Angle ball valve with butterfly placed under the body and 1/2 half-union, female-male	NEW						
	<ul style="list-style-type: none">• 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							
<div><div></div><div>Packaging</div></div>								
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>KFMF1SGK</td><td>1 pcs</td><td>8 pcs</td></tr></table>			Index	individual	bulk	KFMF1SGK	1 pcs	8 pcs
Index	individual	bulk						
KFMF1SGK	1 pcs	8 pcs						
  	Angle ball valve with butterfly placed under the body and 3/4 half-union, female-male	NEW						
	<ul style="list-style-type: none">• 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							
<div><div></div><div>Packaging</div></div>								
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>KFMF2SGK</td><td>1 pcs</td><td>8 pcs</td></tr></table>			Index	individual	bulk	KFMF2SGK	1 pcs	8 pcs
Index	individual	bulk						
KFMF2SGK	1 pcs	8 pcs						







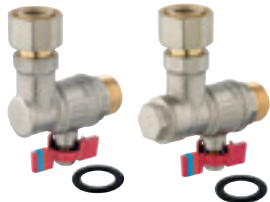







ANGLE BALL VALVES WITH HALF-UNION

Description				
		   	Angle ball valve with butterfly placed under the body and 1/2 half-union, female-male	NEW
			<ul style="list-style-type: none">• 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	
			Packaging	
Index		individual	bulk	
KFM1SGPK		1 pcs	8 pcs	

		   	Angle ball valve with butterfly placed under the body and 3/4 half-union, female-male	NEW
			<ul style="list-style-type: none">• 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	
			Packaging	
Index		individual	bulk	
KFM2SGPK		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	NEW
			<ul style="list-style-type: none">• 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	
			Packaging	
Index		individual	bulk	
KFMFZZ2SGK		1 pcs	8 pcs	

Description										
 <div></div>	Angle ball valves set for a 2-function boiler <div><div>NEW</div><ul style="list-style-type: none">• 4 angle ball valves with half-union:<ul style="list-style-type: none">- 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</div>									
	<div></div> <table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZK2F1520</td><td>1 pcs</td><td></td></tr></table>	Packaging			Index	individual	bulk	ZK2F1520	1 pcs	
Packaging										
Index	individual	bulk								
ZK2F1520	1 pcs									
 <div></div>	Angle ball valves set for a 1-function boiler <div><div>NEW</div><ul style="list-style-type: none">• 2 angle ball valves with half-union:<ul style="list-style-type: none">- 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</div>									
	<div></div> <table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZK1F20</td><td>1 pcs</td><td></td></tr></table>	Packaging			Index	individual	bulk	ZK1F20	1 pcs	
Packaging										
Index	individual	bulk								
ZK1F20	1 pcs									



Ball valves

- other

PTFE or NBR, EPDM
sealed stem

Max. **working**
temperature 100°C

Chrome ball

Durable CW617N
brass body

Nominal **pressure**
up to 2,5 MPa



Advantages:

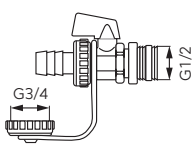
- chrome plated and polished ball resistant to so-called „baking“
- robust design
- quality control carried out strictly according to the applicable European standards
- 100% of produced valves are subjected to tightness test
- markings, in compliance with required standards are embossed on the bodies
- internal surface suitable for drinking water

Operating parameters and scope of application:

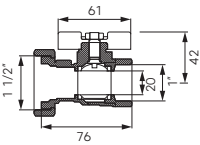
- nominal pressure: from 1.0 MPa to 2.5 MPa* (from 10 bar to 25 bar)
- max. working temperature: 100°C
- working media: water (water supply systems and central heating)
- ball valves have received a National Technical Assessment Certificate issued by the Building Research Institute in Warsaw stating suitability for use in construction and Hygienic Certificate issued by the National Institute of Hygiene in Warsaw



Execution and materials:

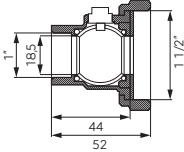
- bodies and nuts are made of moulded parts and processed by machine tools
- body and ball material: brass
- ball finish: chrome plated, polished
- ball seal: PTFE
- stem seal: PTFE or NBR, EPDM
- stainless steel filter cartridges





Description		
1/2" drain ball valve for solar installations		
<ul style="list-style-type: none">• male• hose coupling and cap included• handle: butterfly• body and ball material: brass• ball and stem sealing: PTFE• nominal pressure: 1.6 MPa (1.6 bar)• max. working temperature: 150°C		
<div></div>	Packaging	
Index	individual	bulk
ZSU1S	1 pcs	-




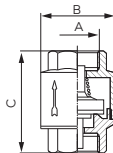




1" ball valve with 1 1/2" half union for pump		
<ul style="list-style-type: none">• female - female with half union• equipped with a check valve with manual opening possibility• with gland• handle: metal butterfly• gasket included• body and ball material: brass• ball seal: PTFE• stem seal: PTFE and FP• nominal pressure: 1.0 MPa (10 bar)• maximum working temperature: 110°C		
<div></div>	Packaging	
Index	individual	bulk
KSP1	10 pcs	40 pcs
<div></div>	Retail (bags)	
Index	KSP1W	


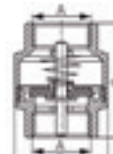







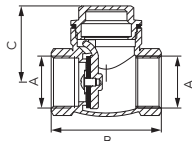



1" ball valve with 1 1/2" half union for pump		
<ul style="list-style-type: none">• female - female with half union• gasket included• body and ball material: brass• ball and stem seal: NBR• nominal pressure: 1.0 MPa (10 bar)• maximum working temperature: 90°C• max. instantaneous working temperature: 100°C		
<div></div>	Packaging	
Index	individual	bulk
KSP2	-	100 pcs
<div></div>	Retail (bags)	
Index	KSP2W	

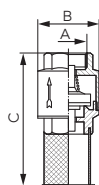


OTHER WATER VALVES

				Description				
   				Check valve with plastic closing element <ul style="list-style-type: none"> 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	Packaging		Retail (bags)	Retail (Eurohanger)
					individual	bulk	Index	Index
15	G1/2	35,5	46,8	ZZ1	30 pcs	270 pcs	ZZ1W	ZZ1E
20	G3/4	41,7	51,4	ZZ2	20 pcs	180 pcs	ZZ2W	ZZ2E
25	G1	47,2	59,5	ZZ3	10 pcs	120 pcs	ZZ3W	ZZ3E
32	G1 1/4	59,3	64,5	ZZ4	6 pcs	72 pcs		ZZ4E
40	G1 1/2	67,6	73,3	ZZ5	5 pcs	45 pcs		ZZ5E
50	G2	83,7	80,2	ZZ6	4 pcs	24 pcs	ZZ6W	
65	G2 1/2	95,5	93	ZZ7	4 pcs	24 pcs	ZZ7W	
80	G3	110,5	100	ZZ8	1 pcs	12 pcs	ZZ8	
100	G4	144,5	112	ZZ9	1 pcs	6 pcs	ZZ9	

   				Check valve with brass closing element <ul style="list-style-type: none"> 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	Packaging		Retail (bags)	Retail (Eurohanger)
					individual	bulk	Index	Index
15	G1/2	35,5	46,8	ZZM1	30 pcs	270 pcs	ZZM1W	ZZM1E
20	G3/4	41,7	51,4	ZZM2	20 pcs	180 pcs	ZZM2W	ZZM2E
25	G1	47,2	59,5	ZZM3	10 pcs	120 pcs	ZZM3W	ZZM3E
32	G1 1/4	59,3	64,5	ZZM4	6 pcs	72 pcs	ZZM4W	ZZM4E
40	G1 1/2	67,6	73,3	ZZM5	5 pcs	45 pcs	ZZM5W	
50	G2	83,7	80,2	ZZM6	4 pcs	24 pcs	ZZM6W	

   				Flap check valve <ul style="list-style-type: none"> 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	Packaging		Retail (bags)	
					individual	bulk	Index	
15	G1/2	47	35,7	ZZK1	12 pcs	270 pcs	ZZK1W	
20	G3/4	56	38,7	ZZK2	6 pcs	180 pcs	ZZK2W	
25	G1	64	44	ZZK3	4 pcs	120 pcs	ZZK3W	
32	G1 1/4	75	52	ZZK4	3 pcs	72 pcs		
40	G1 1/2	81	59	ZZK5	2 pcs	45 pcs		
50	G2	93	66	ZZK6	1 pcs	24 pcs	ZZK6	



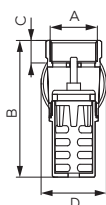
Description

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



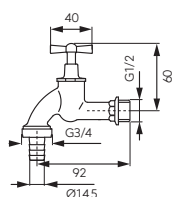
DN	A	B [mm]	C [mm]	Index	Packaging		Retail (bags)
					individual	bulk	
15	G1/2	35,5	71,5	K20	20 pcs	240 pcs	K20W
20	G3/4	41,7	76,9	K21	20 pcs	120 pcs	K21W
25	G1	41,7	90,5	K22	10 pcs	90 pcs	K22W
32	G1 1/4	59,3	107,5	K18	4 pcs	36 pcs	K18W
40	G1 1/2	67,6	123,3	K24	3 pcs	36 pcs	K24W
50	G2	83,7	142,2	K25	3 pcs	18 pcs	
65	G2 1/2	95,5	153	K251	1 pcs	12 pcs	K251
80	G3	110	164	K252	1 pcs	10 pcs	K252
100	G4	144	182	K253	1 pcs	4 pcs	K253

**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



DN	A	B [mm]	C [mm]	D [mm]	Index	Packaging		Retail (bags)
						individual	bulk	
20	G3/4	67	11	41	ZS1K	12 pcs	144 pcs	ZS1KW
25	G1	74	13	46	ZS2K	12 pcs	72 pcs	ZS2KW
32	G1 1/4	85	14	58	ZS3K	9 pcs	54 pcs	ZS3KW
40	G1 1/2	91	15	66	ZS4K	3 pcs	36 pcs	

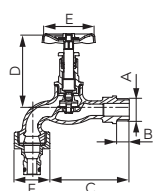
**Poppet type bibcock**

- 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	Packaging	
	individual	bulk
KCC1B	1 pcs	50 pcs

OTHER WATER VALVES



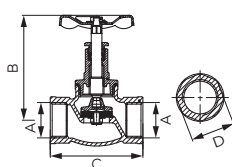
Description

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	Packaging		Retail (bags)
								individual	bulk	
G1/2	12	91,5	72	50	G3/4		ZGC01	10 pcs	30 pcs	ZGC01W
G3/4	14	114	94	54,5	G1		ZGC02	6 pcs	18 pcs	

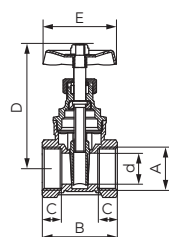


Poppet type cast iron valve

- 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	Packaging		Retail (bags)
						individual	bulk	
15	G1/2	86	62	26,5	ZGZ01	12 pcs	144 pcs	ZGZ01W
20	G3/4	93	72	31,5	ZGZ02	6 pcs	120 pcs	ZGZ02W
25	G1	98,5	87	41	ZGZ03	6 pcs	72 pcs	ZGZ03W
32	G1 1/4	115	101	50,5	ZGZ04	8 pcs	48 pcs	
40	G1 1/2	132,5	117	58	ZGZ05	4 pcs	32 pcs	
50	G2	141	140	70,5	ZGZ06	2 pcs	18 pcs	



Gate valve

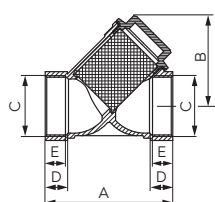
- female-female
- handle: steel knob
- material of body and gate: brass
- material of stem sealing: PTFE
- nominal pressure: 1,0 MPa (10 bar)
- maximum working temperature: 100°C

NEW

Availability
Q2 2023



DN	A	d [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging	
								individual	bulk
15	G1/2	14,5	43	11,5	69	45	ZGV01	12 pcs	120 pcs
20	G3/4	19	46	12	76,5	45	ZGV02	12 pcs	96 pcs
25	G1	20	52	13	88	50	ZGV03	10 pcs	60 pcs
32	G1 1/4	27	56	13,5	99,5	60	ZGV04	6 pcs	36 pcs
40	G1 1/2	33	60	14,5	111,5	70	ZGV05	3 pcs	15 pcs
50	G2	43	70	16,5	123,5	70	ZGV06	2 pcs	20 pcs
65	G2 1/2	54	76,5	17,5	156	89	ZGV07	2 pcs	12 pcs
80	G3	65	77,5	19	173	110	ZGV08	1 pcs	6 pcs
100	G4	86,5	97	21,5	218,5	110	ZGV09	1 pcs	3 pcs



Description

Y-strainer

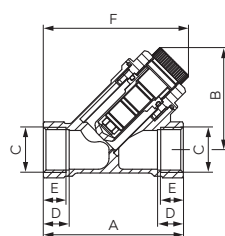
NEW

- 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	individual	bulk
15	54	40,8	G1/2	12	10,5	F02V	18 pcs	144 pcs
20	73	52,9	G3/4	13,5	12	F03V	12 pcs	96 pcs
25	84	59,5	G1	16	14,5	F06V	8 pcs	64 pcs
32	95	72,6	G1 1/4	17,5	15,5	F04V	6 pcs	36 pcs
40	110	79,8	G1 1/2	19	18	F05V	4 pcs	32 pcs
50	123	92,3	G2	21	19	F07V	2 pcs	10 pcs
65	134	119	G2 1/2	22	18,5	F08V	1 pcs	8 pcs
80	156,5	135	G3	26	21	F09V	1 pcs	6 pcs
100	178	170	G4	27,5	25	F10V	1 pcs	4 pcs



Magnet Y-strainer

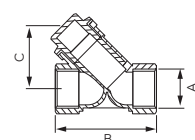
NEW

- 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	individual	bulk
15	65	47,4	G1/2	12	10,5	67,4	F02M	12 pcs	96 pcs
20	76	54,8	G3/4	13,5	12	77,8	F03M	10 pcs	80 pcs
25	84	56,9	G1	15	13,5	81,9	F06M	8 pcs	64 pcs
32	95	72,7	G1 1/4	17,5	15,5	97,7	F04M	6 pcs	36 pcs
40	105	76,9	G1 1/2	17,5	15,5	105,9	F05M	4 pcs	32 pcs
50	121	88,5	G2	21	19	116,7	F07M	2 pcs	10 pcs



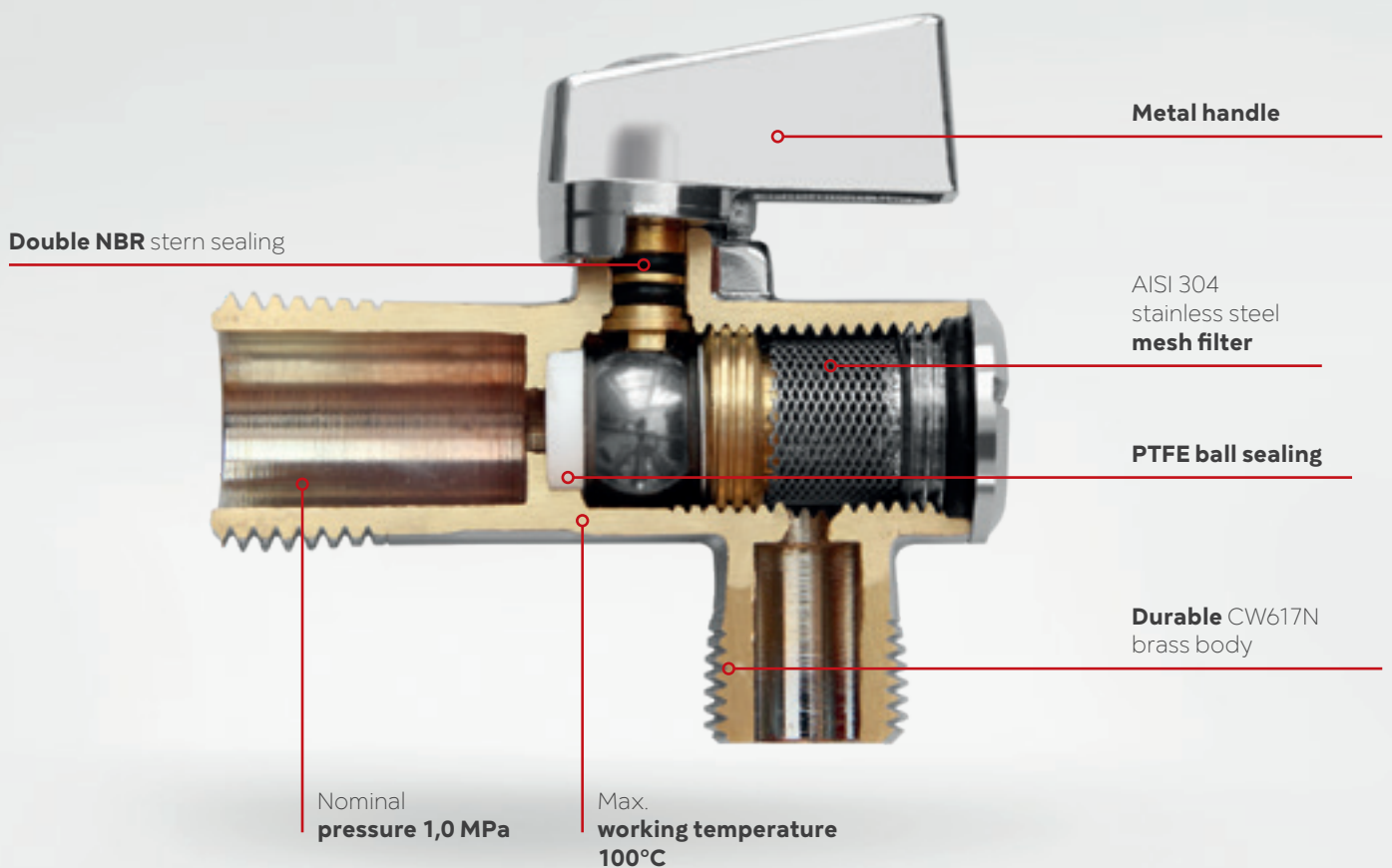
Sediment central heating filter

- female - female
- body: brass
- filter: stainless steel
- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C



DN	A	B [mm]	C [mm]	Index	Packaging		Retail (bags)	Retail (Eurohanger)
					individual	bulk	Index	Index
15	G1/2	54	33,5	F02	15 pcs	180 pcs		F02E
20	G3/4	70	56,5	F03	10 pcs	120 pcs		F03E
25	G1	84	44,5	F06	10 pcs	90 pcs		F06E
32	G1 1/4	98	75	F04	4 pcs	36 pcs		
40	G1 1/2	110	82	F05	2 pcs	24 pcs		
50	G2	128	93	F07	2 pcs	12 pcs		
65	G2 1/2	143	128	F08	1 pcs	12 pcs	F08	
80	G3	160	152	F09	1 pcs	6 pcs	F09	
100	G4	182	175	F10	1 pcs	4 pcs	F10	

Angle valves



Advantages:

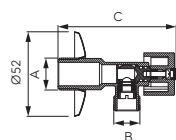
- solid workmanship
- quality control carried out strictly according to the applicable European standards
- 100% of produced valves are subjected to tightness test
- valve's bodies have permanent markings required by the European standards
- internal surface suitable for potable water

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

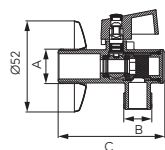
Ball valve with rosette and metal knob

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



Packaging

A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	75,2	1/2"x3/8"	Z1238K	1 pcs	100 pcs
G1/2	G1/2	75,2	1/2"x1/2"	Z1212K	1 pcs	100 pcs
G1/2	G3/4	75,2	1/2"x3/4"	Z1234K	1 pcs	100 pcs



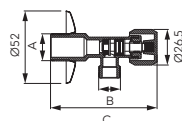
Ball valve with filter, rosette and metal knob

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



Packaging

A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	63	1/2"x3/8"	Z1238KF	1 pcs	100 pcs
G1/2	G1/2	63	1/2"x1/2"	Z1212KF	1 pcs	100 pcs
G1/2	G3/4	63	1/2"x3/4"	Z1234KF	1 pcs	100 pcs



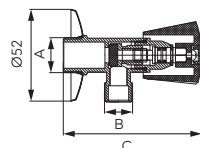
Poppet valve, rosette and metal knob

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



Packaging

A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	78,5	1/2"x3/8"	Z1238G	1 pcs	100 pcs
G1/2	G1/2	78,5	1/2"x1/2"	Z1212G	1 pcs	100 pcs
G1/2	G3/4	78,5	1/2"x3/4"	Z1234G	1 pcs	100 pcs



Poppet valve


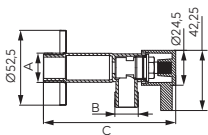



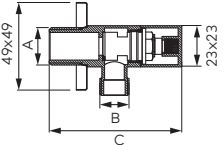



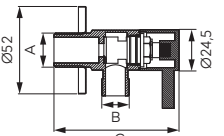



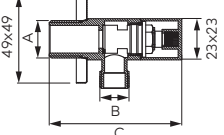


- nominal pressure: 1.0 MPa (10 bar)
- max. working temperature: 100°C




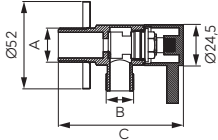



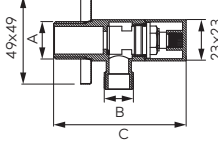
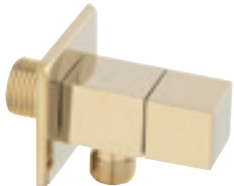


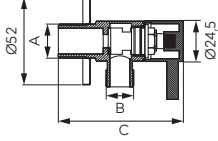




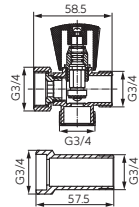


Packaging

A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	81,5	1/2"x3/8" with coupling for copper pipe Ø10 mm	Z240	1 pcs	100 pcs
G1/2	G1/2	81,5	1/2"x1/2"	Z220	1 pcs	100 pcs
G1/2	G3/4	81,5	1/2"x3/4"	Z230	1 pcs	100 pcs



ANGLE VALVES

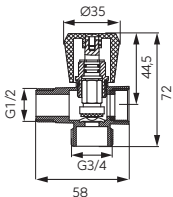

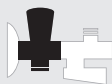
				Description		
 				Angle valve with ceramic head <ul style="list-style-type: none"> nominal pressure: 1.0 MPa (10 bar) max. working temperature: 100°C 		
						
					Packaging	
					individual	bulk
A	B	C [mm]	Size of connectors	Index		
G1/2	G3/8	98	1/2"x3/8"	Z1238C	1 pcs	100 pcs
G1/2	G1/2	98	1/2"x1/2"	Z1212C	1 pcs	100 pcs
G1/2	G3/4	98	1/2"x3/4"	Z1234C	1 pcs	100 pcs
 				Angle valve with ceramic head and rosette <ul style="list-style-type: none"> nominal pressure: 1.0 MPa (10 bar) max. working temperature: 100°C 		
						
					Packaging	
					individual	bulk
A	B	C [mm]	Size of connectors	Index		
G1/2	G3/8	75	1/2"x3/8"	Z293	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294	1 pcs	100 pcs
 				Angle valve with ceramic head and rosette <ul style="list-style-type: none"> nominal pressure: 1.0 MPa (10 bar) max. working temperature: 100°C 		
						
					Packaging	
					individual	bulk
A	B	C [mm]	Size of connectors	Index		
G1/2	G3/8	75	1/2"x3/8"	Z295	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296	1 pcs	100 pcs
 				Angle valve with ceramic head and rosette <ul style="list-style-type: none"> 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 		
						
					Packaging	
					individual	bulk
A	B	C [mm]	Size of connectors	Index		
G1/2	G3/8	75	1/2"x3/8"	Z293-BL	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294-BL	1 pcs	100 pcs


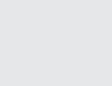

* Available while stock lasts


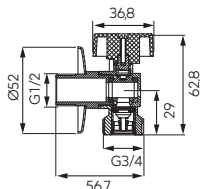

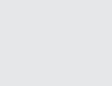
				Description		
<div></div>				Angle valve with ceramic head and rosette <ul style="list-style-type: none">• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 100°C• no contact of flowing water with paint finish• finish: black matt		
				Packaging		
A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	75	1/2"x3/8"	Z295-BL	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296-BL	1 pcs	100 pcs
<div></div>				Angle valve with ceramic head and rosette <ul style="list-style-type: none">• 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		
				Packaging		
A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	75	1/2"x3/8"	Z293-G	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z294-G	1 pcs	100 pcs
<div></div>				Angle valve with ceramic head and rosette <ul style="list-style-type: none">• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 100°C• no contact of flowing water with paint finish• finish: bright gold		
				Packaging		
A	B	C [mm]	Size of connectors	Index	individual	bulk
G1/2	G3/8	75	1/2"x3/8"	Z295-G	1 pcs	100 pcs
G1/2	G1/2	75	1/2"x1/2"	Z296-G	1 pcs	100 pcs
<div></div>				Washing machine connection valve with 3/4" <ul style="list-style-type: none">• chrome• nominal pressure: 1,0 MPa (10 bar)• max. working temperature: 100°C		
				Packaging		
Index				individual	bulk	
Z250				1 pcs	36 pcs	

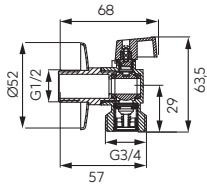
ANGLE VALVES

  						Description		
						Faucet extension G3/4		
						• chrome		
								
								
						Packaging		
Index						individual	bulk	
P480						1 pcs	100 pcs	

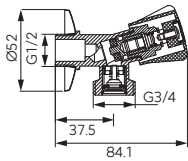
  						Description		
						3-way poppet valve		
						• for connecting a washing machine or dishwasher with an existing angle valve		
						• 1/2" FT connection for flat seal		
						• nominal pressure: 1.0 MPa (10 bar)		
						• max. working temperature: 100°C		
								
								
						Packaging		
Index						individual	bulk	
CF3019A						1 pcs	100 pcs	

  						Description		
						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		
								
								
						Packaging		
Index						individual	bulk	
A	B	C	D [mm]	E [mm]	Size of connectors	CF5104	1 pcs	24 pcs
G1/2	G3/8	G3/4	114	84	3/8"x1/2"x3/4" with coupling for copper pipe Ø10 mm			
G1/2	G1/2	G3/4	114	84	1/2"x1/2"x3/4"	CF5105	1 pcs	24 pcs

  						Description		
						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		
								
								
						Packaging		
Index						individual	bulk	
CF3016						1 pcs	100 pcs	


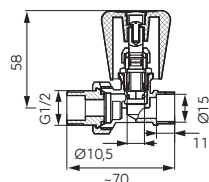


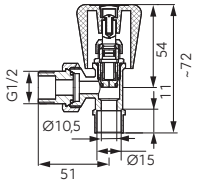


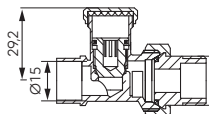


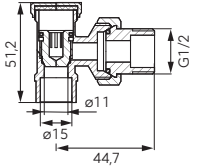



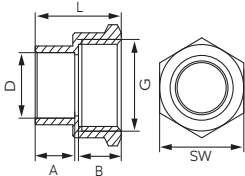


Description		
1/2" x 3/4" ball valve with rosette and aluminium handle		
<ul style="list-style-type: none">• for connecting a washing machine or dishwasher• check valve built into the 3/4" connection• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C		
<div></div>	Packaging	
Index	individual	bulk
CF3027	1 pcs	100 pcs

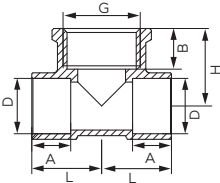



1/2" x 3/4" poppet valve with rosette		
<ul style="list-style-type: none">• for connecting a washing machine or dishwasher• check valve built into the 3/4" connection• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C		
<div></div>	Packaging	
Index	individual	bulk
CF3017	1 pcs	100 pcs




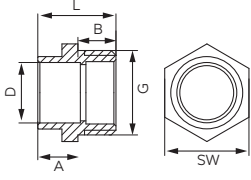

Description										
  	1/2" straight radiator valve for soldering with gland <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZG2LY</td><td>12 pcs</td><td>144 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZG2LY	12 pcs
Packaging										
Index	individual	bulk								
ZG2LY	12 pcs	144 pcs								
  	1/2" angle radiator valve for soldering with gland <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZG5LY</td><td>12 pcs</td><td>144 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZG5LY	12 pcs
Packaging										
Index	individual	bulk								
ZG5LY	12 pcs	144 pcs								
  	1/2" straight cut-off radiator valve for soldering <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZP2LY</td><td>16 pcs</td><td>162 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZP2LY	16 pcs
Packaging										
Index	individual	bulk								
ZP2LY	16 pcs	162 pcs								
  	1/2" angle cut-off radiator valve for soldering <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZK2LY</td><td>16 pcs</td><td>192 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZK2LY	16 pcs
Packaging										
Index	individual	bulk								
ZK2LY	16 pcs	192 pcs								


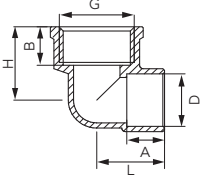

						Description		
<div></div>						Transition muff		
						<div></div>		
						Packaging		Retail (bags)
G	B[mm]	A[mm]	D[mm]	L[mm]	SW[mm]	Index	individual	bulk
G3/8	10,6	9	15	21	20	4270-1500	25 pcs	700 pcs
G1/2	10,6	11	15	23	24	4270-1501	25 pcs	600 pcs
G3/4	10,6	12	15	24,5	30	4270-1502	25 pcs	350 pcs
G1/2	10,6	11	18	25	24	4270-1801	25 pcs	500 pcs
G3/4	12,6	12	18	26	30	4270-1802	25 pcs	400 pcs
G1/2	12,6	11	22	28	24	4270-2201	25 pcs	400 pcs
G3/4	15,4	12	22	29,5	30	4270-2202	10 pcs	240 pcs
G1	15,4	14	22	31,5	37	4270-2203	10 pcs	200 pcs
G3/4	18,4	12	28	32	30	4270-2802	10 pcs	220 pcs
G1	18,4	14	28	34,5	37	4270-2803	10 pcs	150 pcs
G1	23	14	35	39	37	4270-3503	5 pcs	90 pcs
G1 1/4	23	16	35	40,5	47	4270-3504	1 pcs	70 pcs
						4270-3504		

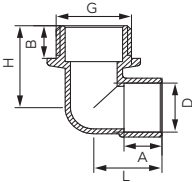

						Description		
<div></div>						Transition tee female		
						<div>Packaging</div>		
G	A[mm]	B[mm]	D[mm]	L[mm]	SW[mm]	Index	individual	bulk
G1/2	10,6	11	15	19	21	4130-1501	25 pcs	350 pcs
G1/2	12,6	11	18	22	22,5	4130-1801	10 pcs	240 pcs
G1/2	15,4	11	22	26,5	23,5	4130-2201	10 pcs	150 pcs
G1/2	18,4	11	28	29,5	27,5	4130-2801	10 pcs	100 pcs

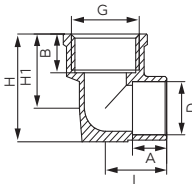

* Available while stock lasts

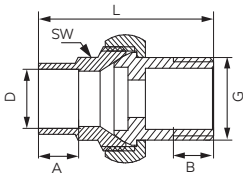

CONNECTORS FOR SOLDERING

						Description			
 						Transition nipple			
									
							Packaging		Retail (bags)
G	A[mm]	B[mm]	D[mm]	L[mm]	SW[mm]	Index	individual	bulk	Index
G3/8	10,6	9	15	21	18,5	4243-1500	25 pcs	800 pcs	
G1/2	10,6	10	15	19,5	21	4243-1501	25 pcs	700 pcs	
G3/4	10,6	11	15	21,5	27	4243-1502	25 pcs	500 pcs	
G1/2	12,6	10	18	24	22	4243-1801	25 pcs	550 pcs	
G3/4	12,6	11	18	25	27	4243-1802	25 pcs	400 pcs	
G1/2	15,4	10	22	27	26	4243-2201	10 pcs	400 pcs	
G3/4	15,4	11	22	27	27	4243-2202	10 pcs	300 pcs	
G1	15,4	13	22	27,5	33,5	4243-2203	10 pcs	250 pcs	
G3/4	18,4	11	28	31,5	32	4243-2802	10 pcs	220 pcs	
G1	18,4	13	28	32	33,5	4243-2803	10 pcs	200 pcs	
G1 1/4	18,4	14,5	28	34	43	4243-2804	5 pcs	150 pcs	
G1	23	13	35	38	40	4243-3503	5 pcs	100 pcs	
G1 1/4	23	14,5	35	33	43	4243-3504	1 pcs	80 pcs	4243-3504

 						Transition elbow female			
									
							Packaging		Retail (bags)
G	A[mm]	B[mm]	D[mm]	L[mm]	H[mm]	Index	individual	bulk	Index
G1/2	10,6	11	15	19	21	4090-1501	10 pcs	400 pcs	
G1/2	12,6	11	18	22	22,5	4090-1801	10 pcs	350 pcs	

							Description		
<div></div>							Transition elbow male		
							Packaging		
G	A[mm]	B[mm]	D[mm]	L[mm]	H[mm]		Index	individual	bulk
G1/2	10,6	10	15	19	24		4092-1501	10 pcs	400 pcs
G1/2	12,6	10	18	21,5	25,5		4092-1801	25 pcs	350 pcs

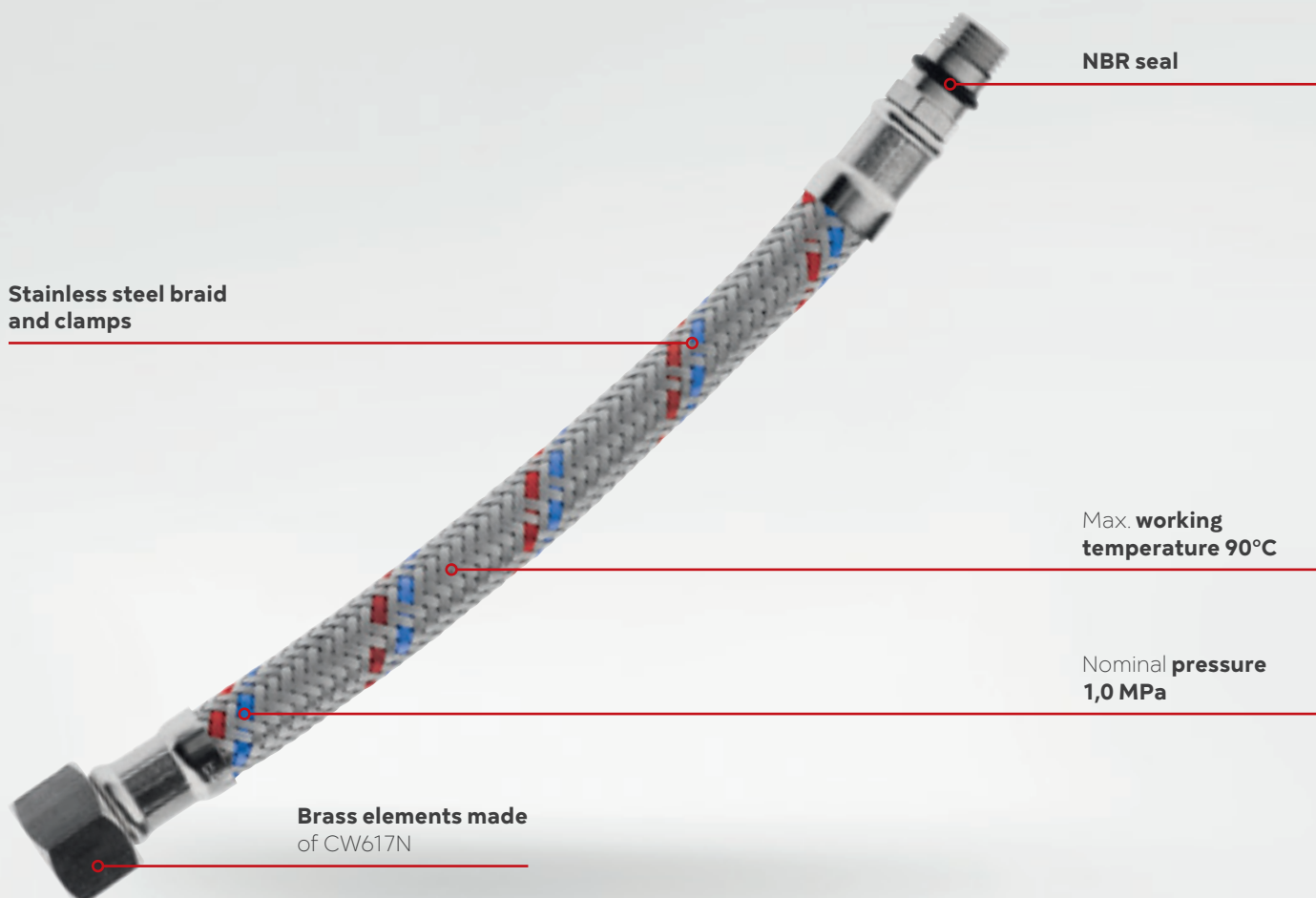
<div></div>							Bracket elbow female		
							Packaging		
G	A[mm]	B[mm]	D[mm]	L[mm]	H1[mm]	H[mm]	Index	individual	bulk
G1/2	10,6	11	15	19	21,0	30,5	4472-1501	10 pcs	250 pcs
G1/2	12,6	11	18	22	22,5	34,5	4472-1801	10 pcs	160 pcs

<div></div>							Straight pipe union male		
							Packaging		
G	A[mm]	B[mm]	D[mm]	L[mm]	SW[mm]		Index	individual	bulk
G1/2	11,5	11,5	15	50	19		4341G-1501	10 pcs	250 pcs
G1/2	12,6	11,5	18	52	23		4341G-1801	10 pcs	200 pcs
G3/4	12,6	13,5	18	57,5	23		4341G-1802	10 pcs	180 pcs
G1	18,4	16	28	69	33		4341G-2803	5 pcs	100 pcs

* Available while stock lasts



Connection hoses



Advantages:

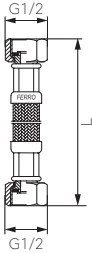
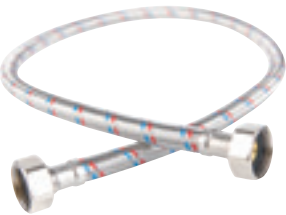
- strong and durable stainless steel braid
 - resistant to building lime
 - in contact with water no oxide formations appear on the surface of the hose creating stains optically resembling corrosion
- steel and brass elements connecting the flexible part with the end of the hose provide a long term, 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

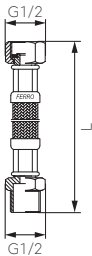


Description

Stainless steel braided connection hose with gasket
• 1/2" female – female



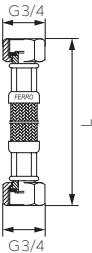
Packaging			
Index	L[cm]	individual	bulk
PWS04	15	1 pcs	10 pcs
PWS1	20	1 pcs	10 pcs
PWS01	25	1 pcs	10 pcs
PWS2	30	1 pcs	10 pcs
PWS02	35	1 pcs	10 pcs
PWS3	40	1 pcs	10 pcs
PWS03	45	1 pcs	10 pcs
PWS4	50	1 pcs	10 pcs
PWS5	60	1 pcs	10 pcs
PWS6	70	1 pcs	10 pcs
PWS7	80	1 pcs	10 pcs
PWS8	90	1 pcs	10 pcs
PWS9	100	1 pcs	10 pcs
PWS20	120	1 pcs	10 pcs
PWS30	150	1 pcs	10 pcs
PWS40	200	1 pcs	10 pcs



Stainless steel braided connection hose with gasket
• 1/2" male – female



Packaging			
Index	L[cm]	individual	bulk
PWS11	20	1 pcs	10 pcs
PWS411	25	1 pcs	10 pcs
PWS21	30	1 pcs	10 pcs
PWS31	40	1 pcs	10 pcs
PWS41	50	1 pcs	10 pcs
PWS51	60	1 pcs	10 pcs
PWS61	70	1 pcs	10 pcs
PWS71	80	1 pcs	10 pcs
PWS81	90	1 pcs	10 pcs
PWS91	100	1 pcs	10 pcs
PWS511	120	1 pcs	10 pcs
PWS301	150	1 pcs	10 pcs



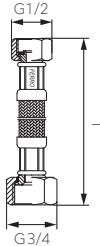

Stainless steel braided connection hose with gasket
• 3/4" female - female





Packaging			
Index	L[cm]	individual	bulk
PWS611	30	1 pcs	10 pcs
PWS62	40	1 pcs	10 pcs
PWS63	50	1 pcs	10 pcs
PWS64	100	1 pcs	10 pcs

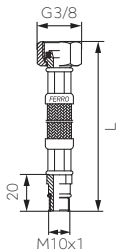


CONNECTION HOSES

		Description			
		Stainless steel braided connection hose 3/4"x 1/2"			
		• female - female			
					
		Packaging			
		Index	L [cm]	individual	bulk
		PWS711	30	1 pcs	10 pcs
		PWS72	35	1 pcs	10 pcs
		PWS73	40	1 pcs	10 pcs
		PWS74	50	1 pcs	10 pcs
		PWS75	60	1 pcs	10 pcs
		PWS76	70	1 pcs	10 pcs
		PWS77	80	1 pcs	10 pcs
		PWS78	100	1 pcs	10 pcs

		Stainless steel braided connection hose 1/2"x 3/8"			
		• female - female			
					
		Packaging			
		Index	L [cm]	individual	bulk
		PWS811	20	1 pcs	10 pcs
		PWS82	30	1 pcs	10 pcs
		PWS83	40	1 pcs	10 pcs
		PWS84	50	1 pcs	10 pcs
		PWS85	60	1 pcs	10 pcs
		PWS86	80	1 pcs	10 pcs
		PWS87	100	1 pcs	10 pcs

		Stainless steel braided connection hose 3/8"x 3/8"			
		• female - female			
					
		Packaging			
		Index	L [cm]	individual	bulk
		PWS95	20	1 pcs	10 pcs
		PWS911	30	1 pcs	10 pcs
		PWS92	40	1 pcs	10 pcs
		PWS93	50	1 pcs	10 pcs
		PWS94	60	1 pcs	10 pcs
		PWS96	80	1 pcs	10 pcs



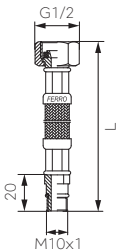
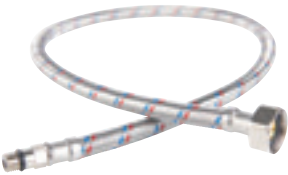
Description

Stainless steel braided connection hose 3/8"×M10×1
• with short tip



Packaging

Index	L [cm]	individual	bulk
WBS15	30	1 pcs	10 pcs
WBS11	35	1 pcs	10 pcs
WBS17	40	1 pcs	10 pcs
WBS12	50	1 pcs	10 pcs
WBS18	60	1 pcs	10 pcs
WBS19	80	1 pcs	10 pcs

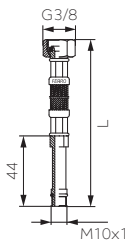


Stainless steel braided connection hose 1/2"×M10×1
• with short tip



Packaging

Index	L [cm]	individual	bulk
WBS21	35	1 pcs	10 pcs
WBS81	40	1 pcs	10 pcs
WBS22	50	1 pcs	10 pcs
WBS82	60	1 pcs	10 pcs
WBS83	70	1 pcs	10 pcs
WBS84	80	1 pcs	10 pcs
WBS85	90	1 pcs	10 pcs
WBS86	100	1 pcs	10 pcs

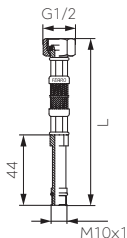


Stainless steel braided connection hose 3/8"×M10×1
• with long tip



Packaging

Index	L [cm]	individual	bulk
WBS91	30	1 pcs	10 pcs
WBS13	35	1 pcs	10 pcs
WBS92	40	1 pcs	10 pcs
WBS14	50	1 pcs	10 pcs
WBS93	60	1 pcs	10 pcs



Stainless steel braided connection hose 1/2"×M10×1
• with long tip



Packaging

Index	L [cm]	individual	bulk
WBS23	35	1 pcs	10 pcs
WBS25	40	1 pcs	10 pcs
WBS24	50	1 pcs	10 pcs
WBS26	60	1 pcs	10 pcs
WBS27	70	1 pcs	10 pcs
WBS28	80	1 pcs	10 pcs
WBS29	90	1 pcs	10 pcs
WBS20	100	1 pcs	10 pcs



Measuring devices

MEASURING DEVICES



WATER METERS
320



PRESSURE GAUGES
321

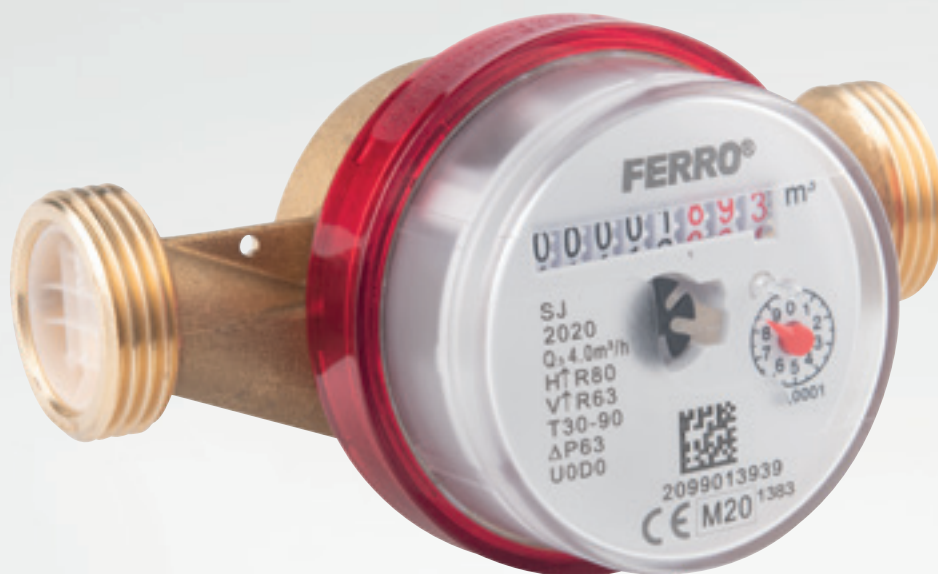


THERMOMANOMETERS
323



THERMOMETERS
323

Measuring devices



Description:

Measuring devices include water meters, manometers/pressure gauges, thermomanometers gauges 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.



SJ PLUS is a series of single flow dry water meters for measuring the volume of cold or hot water. The only element that comes into contact with water flowing in a pipe is the turbine therefore, a reading is also possible if the water is contaminated with suspended solids or sand, or has a high hardness index. In addition to the metrological certificates, the products in this series are approved for use and can be installed in drinking water systems. The offer also includes consoles with adjustable connection spacings that facilitate the installation of water meters.



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 gauges are devices that allow to simultaneously measure pressure and temperature in the system.


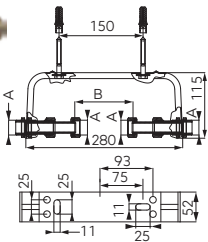

Dial thermometers are available in galvanized steel casings and their covers are made of scratch-resistant plastic. The measuring mechanism is based on a bimetallic spiral. The temperature measurement range is from 0 to 120°C and the dial diameters measure 40 mm, 63 mm, 80 mm and 100 mm. Dial thermometers are equipped with rear brass connections. The offer also includes bar thermometers for boilers.

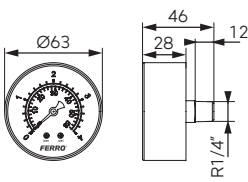


WATER METERS

				Description		
				Single-jet dry dial water meter (antimagnetic) for hot water <ul style="list-style-type: none">• maximum operating pressure (MAP): 1.6 MPa (16 bar)• working temperature: to 90°C• upgraded metrological class: H-R80 V-R63• protection against influence of external magnetic field• horizontal or vertical mounting position• hermetic counter• for installations inside buildings		
					Packaging	
Nominal volume flow	Water meter thread flange	For installation in systems	Metrological class	Index	individual	bulk
2,5 m³/h	G3/4	DN15	H-R80, V-R63	SJ15ACPLUS	1 pcs	10 pcs
40 m³/h	G1	DN20	H-R80, V-R63	SJ20ACPLUS	1 pcs	10 pcs

				Single-jet dry dial water meter (antimagnetic) for cold water <ul style="list-style-type: none">• maximum operating pressure (MAP): 1.6 MPa (16 bar)• working temperature: to 50°C• upgraded metrological class: H-R80 V-R63• protection against influence of external magnetic field• horizontal or vertical mounting position• hermetic counter• for installations inside buildings		
					Packaging	
Nominal volume flow	Water meter thread flange	For installation in systems	Metrological class	Index	individual	bulk
2,5 m³/h	G3/4	DN15	H-R80, V-R63	SJ15AFPLUS	1 pcs	10 pcs
40 m³/h	G1	DN20	H-R80, V-R63	SJ20AFPLUS	1 pcs	10 pcs

 				Water meter console <ul style="list-style-type: none">• adjustable spacing between connections• fitting lead seals possible• gaskets, screws and rawplugs included		
					Packaging	
DN	A	B [mm] min.	B [mm] max.	Index	individual	bulk
15	G3/4	71	156	KSD15	1 pcs	8 pcs
20	G1	55	126	KSD20	1 pcs	8 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 - 4 bar
- connection: 1/4" brass - rear connection



Packaging

Index

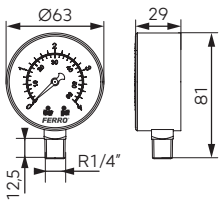
individual

bulk

M6304A

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

individual

bulk


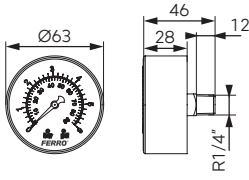


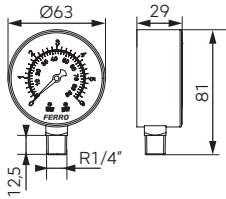


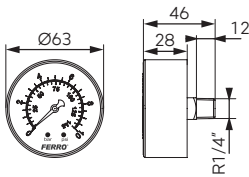


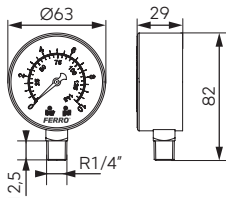

M6304R


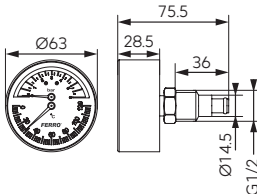

1 pcs

120 pcs



PRESSURE GAUGES

Description										
 	Pressure gauges <ul style="list-style-type: none">• 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									
		<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>M6306A</td><td>1 pcs</td><td>150 pcs</td></tr></table>	Packaging			Index	individual	bulk	M6306A	1 pcs
Packaging										
Index	individual	bulk								
M6306A	1 pcs	150 pcs								
 	Pressure gauges <ul style="list-style-type: none">• 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									
		<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>M6306R</td><td>1 pcs</td><td>120 pcs</td></tr></table>	Packaging			Index	individual	bulk	M6306R	1 pcs
Packaging										
Index	individual	bulk								
M6306R	1 pcs	120 pcs								
 	Pressure gauges <ul style="list-style-type: none">• 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									
		<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>M6310A</td><td>1 pcs</td><td>150 pcs</td></tr></table>	Packaging			Index	individual	bulk	M6310A	1 pcs
Packaging										
Index	individual	bulk								
M6310A	1 pcs	150 pcs								
 	Pressure gauges <ul style="list-style-type: none">• 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									
		<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>M6310R</td><td>1 pcs</td><td>120 pcs</td></tr></table>	Packaging			Index	individual	bulk	M6310R	1 pcs
Packaging										
Index	individual	bulk								
M6310R	1 pcs	120 pcs								

Description											
 	Thermomanometer <ul style="list-style-type: none"> • casing: high resistance ABS • cover: scratch-resistant plastic • dial: powder-coated aluminium • mechanism: <ul style="list-style-type: none"> - 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 										
											
	<table> <tr> <th colspan="3">Packaging</th></tr> <tr> <th>Index</th><th>individual</th><th>bulk</th></tr> <tr> <td>TM63A</td><td>1 pcs</td><td>90 pcs</td></tr> </table>			Packaging			Index	individual	bulk	TM63A	1 pcs
Packaging											
Index	individual	bulk									
TM63A	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

Index

TM80R

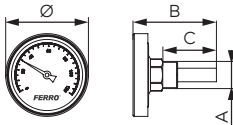

Packaging

individual

bulk


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	individual	bulk
40	G1/4 with O-ring	44,5	26	T40120A	1 pcs	400 pcs
63	G1/2	64,5	41,5	T63120A	1 pcs	150 pcs
80	G1/2	63	41,3	T80120A	1 pcs	80 pcs
100	G1/2	67	41,3	T100120A	1 pcs	40 pcs



Bar thermometer for central heating boilers

• aluminium casing

</



Gas fittings

GAS FITTINGS



VALVES
325

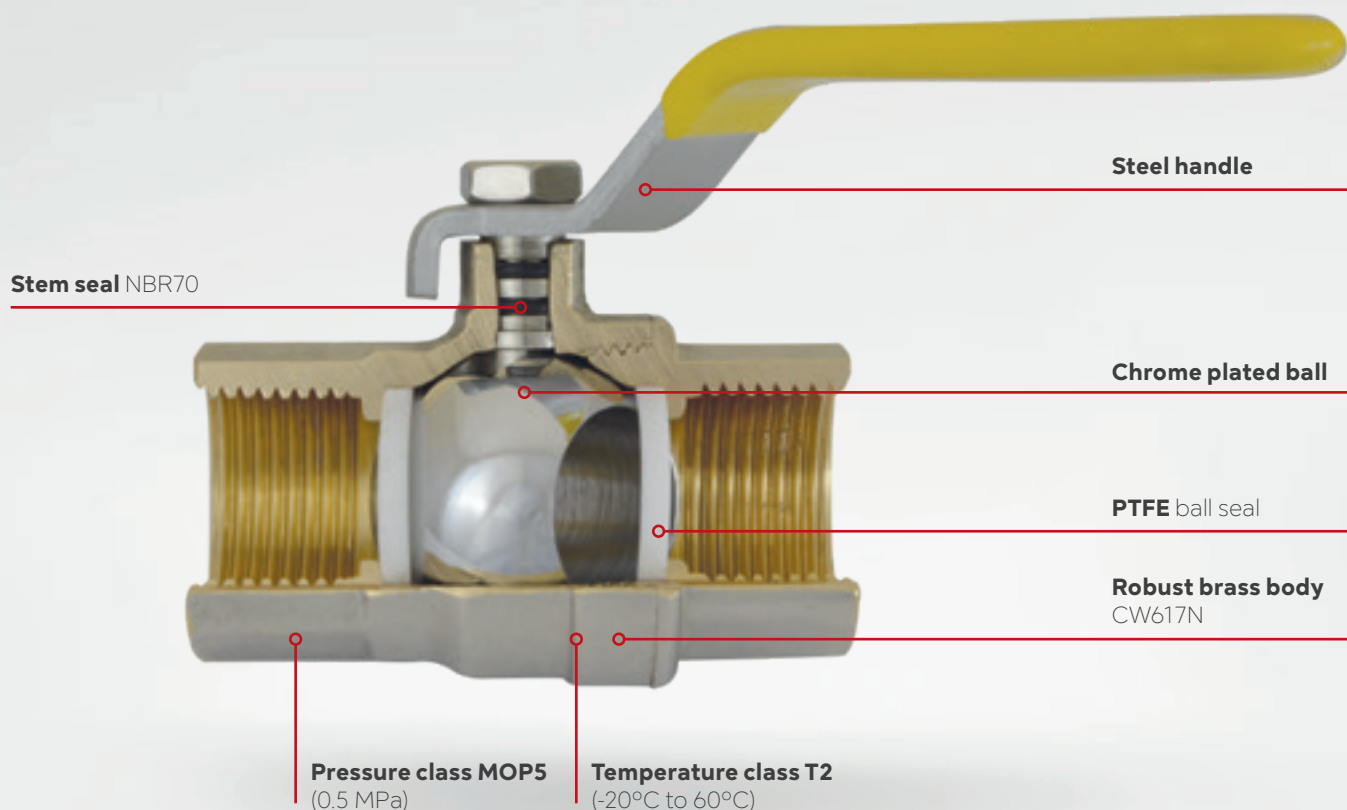


FILTERS
329



HOSES
330

Gas valves



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:

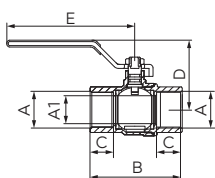
- pressure class: MOP 5 (0.5 MPa)
- temperature class: T2 (-20°C to 60°C)
- gas family: 1, 2, 3

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



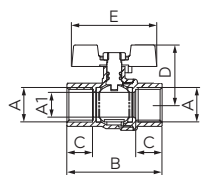
Description

**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)



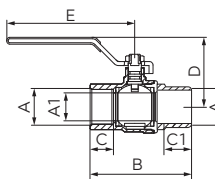
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging		Retail (bags)	
								individual	bulk	Index	Index
15	Rp 1/2	15	57,7 ±1	min. 15	43 ±1	89 ±1	KGN1	12 pcs	108 pcs	KGN1W	KGN1E
20	Rp 3/4	20	67 ±1	min. 16,3	47 ±1	89 ±1	KGN2	9 pcs	81 pcs	KGN2W	KGN2E
25	Rp 1	24,5	81,3 ±1	min. 19,1	61 ±1	112,3 ±1	KGN3	4 pcs	36 pcs	KGN3W	KGN3E
32	Rp 1 1/4	30,5	95,5 ±1	min. 21,4	72,3 ±1	131,3 ±2	KGN4	2 pcs	18 pcs		
40	Rp 1 1/2	38,5	105,5 ±1	min. 21,4	78,4 ±2	131,3 ±2	KGN5	2 pcs	18 pcs		
50	Rp 2	47,5	126 ±1	min. 25,7	89,5 ±2	159,5 ±2	KGN6	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)

NEW

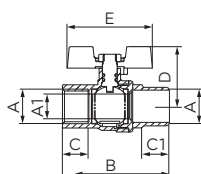
DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging		Retail (bags)	
								individual	bulk	Index	Index
15	Rp 1/2	15	57,7±1	min. 15	36,2±2	51,5±3	KGMN1		16 pcs	144 pcs	KGMN1W
20	Rp 3/4	20	67±1	min. 16,3	40,1±2	51,5±3	KGMN2		12 pcs	108 pcs	KGMN2W
25	Rp 1	24,5	81,3±1	min. 19,1	49,2±2	67±1	KGMN3		6 pcs	54 pcs	KGMN3W

**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)

NEW

DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	Packaging		Retail (bags)	
								individual	bulk	Index	Index
15	Rp1/2-R1/2	15	63,2±1	min. 15/12,5	43,1±1	89±1	KGN11	10 pcs	80 pcs	KGN11W	KGN11E
20	Rp3/4-R3/4	20	71,5±1	min. 16,3/14	47,0±1	89±1	KGN21	9 pcs	81 pcs	KGN21W	KGN21E
25	Rp1-R1	24,5	85±1	min. 19,1/16	61±1	112,3±1	KGN31	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	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	2 pcs	20 pcs		
50	Rp2-R2	47,5	141,5±1	min. 25,7/22,5	86,4±3	163±3	KGN61	1 pcs	8 pcs		



Description

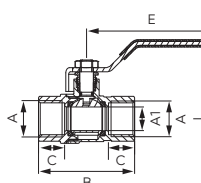
Gas ball valve - type G61

NEW

- 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)



DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	Packaging		Index
								individual	bulk	
15	Rp1/2-R1/2	15	63.2±1	min. 15/12.5	36.2±2	51.5±3	KG MN11	16 pcs	144 pcs	KG MN11W
20	Rp3/4-R3/4	20	71.5±1	min. 16.3/14	40.1±2	51.5±3	KG MN21	10 pcs	90 pcs	KG MN21W
25	Rp1-R1	24.5	85±1	min. 19.1/16	49.2±2	67±3	KG MN31	6 pcs	54 pcs	KG MN31W

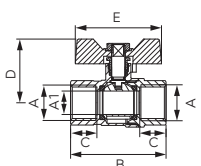


Gas ball valve - type G18

- 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)



DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging		Index
								individual	bulk	
15	Rp 1/2	14	57±1	min. 15	47.8±1	82±1	KGS1	14 pcs	126 pcs	KGS1W
20	Rp 3/4	18.5	66.7±1	min. 16.3	49.3±1	104±1	KGS2	9 pcs	81 pcs	KGS2W
25	Rp 1	23	78±1	min. 19.1	57.3±1	104±1	KGS3	9 pcs	54 pcs	KGS3W



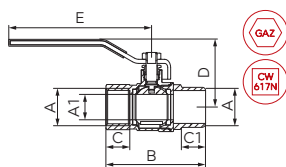
Gas ball valve - type G18

- 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)



DN	A	A1 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Index	Packaging		Index
								individual	bulk	
15	Rp 1/2	14	57±1	min. 15	39±1	51.5±1	KG MS1	16 pcs	144 pcs	KG MS1W
20	Rp 3/4	18.5	66.7±1	min. 16.3	42±1	51.5±1	KG MS2	12 pcs	108 pcs	KG MS2W
25	Rp 1	23	78±1	min. 19.1	54.5±1	67±1	KG MS3	7 pcs	63 pcs	KG MS3W

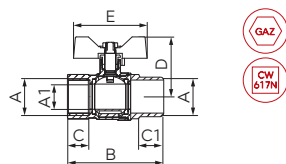
Description

**Gas ball valve - type G18****NEW**

- 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)

Packaging

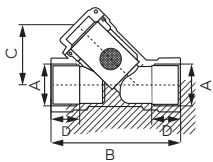
DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	individual	bulk
15	Rp1/2-R1/2	14	63.2±1	min. 15/12.5	47.8±1	82±1	KGS11	10 pcs	80 pcs
20	Rp3/4-R3/4	18,5	71.7±1	min. 16.3/14	49.4±1	104±1	KGS21	9 pcs	81 pcs
25	Rp1-R1	23	83.8±1	min. 19.1/16	57.3±1	104±1	KGS31	9 pcs	54 pcs

**Gas ball valve - type G18****NEW**

- 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)

Packaging

DN	A	A1 [mm]	B [mm]	C/C1 [mm]	D [mm]	E [mm]	Index	individual	bulk
15	Rp1/2-R1/2	14	63.2±1	min. 15/12.5	39±1	51.5±1	KGMS11	15 pcs	135 pcs
20	Rp3/4-R3/4	18,5	71.7±1	min. 16.3/14	42±1	51.5±1	KGMS21	10 pcs	90 pcs
25	Rp1-R1	23	83.8±1	min. 19.1/16	54.6±1	67±1	KGMS31	6 pcs	54 pcs



Description

Mesh gas filter - type G41

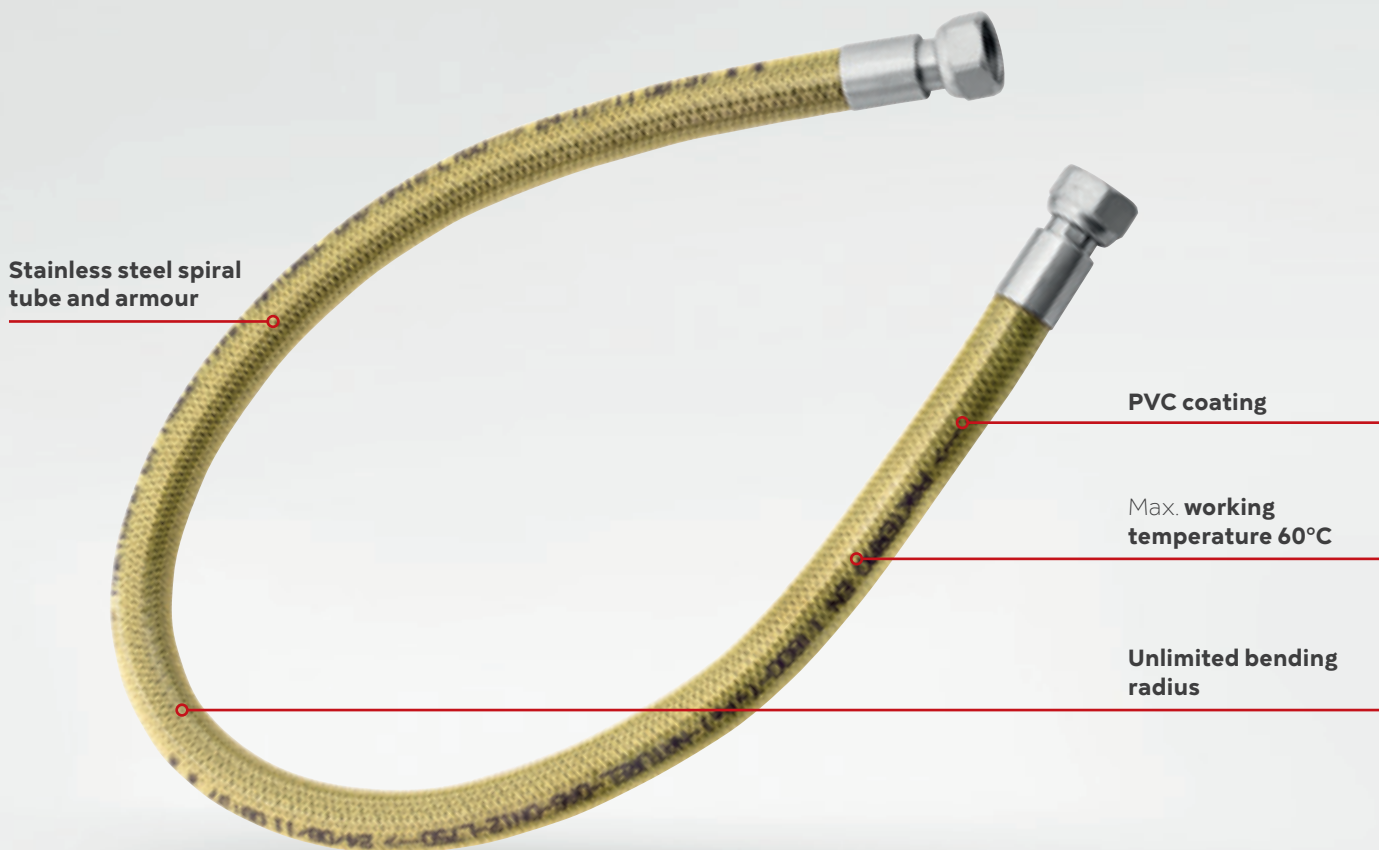
- female - female
- body and plug material: high quality CW617N brass
- plug sealing: NBR
- filter cartridge: AISI 304 stainless steel
- filter cartridge hole diameter: 0.2 ± 0.02 mm
- max. working pressure: MOP 5 (0.5 MPa)
- working temperature: T2 (-20°C to 60°C)



						Packaging		Retail (bags)
DN	A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	Index
15	Rp 1/2	67	33,6±1	min. 15,0	F2G	12 pcs	108 pcs	F2GW
20	Rp 3/4	80	37,5±1	min. 16,3	F3G	8 pcs	72 pcs	F3GW
25	Rp 1	85	45,6±1	min. 19,1	F6G	6 pcs	54 pcs	F6GW
32	Rp 5/4	98	54,8±1	min. 21,4	F4G	2 pcs	18 pcs	
40	Rp 6/4	116	58,7±1	min. 21,4	F5G	2 pcs	18 pcs	
50	Rp 2	136	70,7±1	min. 25,7	F7G	2 pcs	12 pcs	



Gas hoses



Advantages:


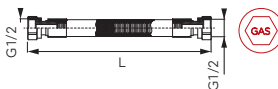

- available in a wide range of lengths - up to 200 cm
- available with three different types of connections, including an elbow connection
- unlimited bending radius


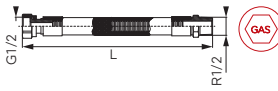

Operating parameters and scope of application:


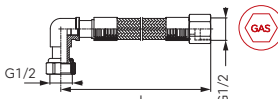

- reaction to fire: B s2 d0
- working temperature T2 from -20°C to +60°C
- gas type: natural gas (2nd family gas fuels according to EN 437)
- max. working pressure: up to 0.5 bar
- in accordance with standard PN-EN 14800:2010
- application: for connecting domestic appliances inside and outside the apartments, 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		
Index	L [mm]	individual	bulk	
WG0500	500	1 pcs	50 pcs	
WG0750	750	1 pcs	50 pcs	
WG1000	1000	1 pcs	50 pcs	
WG1250	1250	1 pcs	50 pcs	
WG1500	1500	1 pcs	50 pcs	
WG2000	2000	1 pcs	50 pcs	

 				
		1/2" female - male gas hose with two rotating nuts and PVC sheath		
		Packaging		
Index	L [mm]	individual	bulk	
WGN0500	500	1 pcs	50 pcs	
WGN0750	750	1 pcs	50 pcs	
WGN1000	1000	1 pcs	50 pcs	
WGN1250	1250	1 pcs	50 pcs	
WGN1500	1500	1 pcs	50 pcs	
WGN2000	2000	1 pcs	50 pcs	

 				
		1/2" female - female gas hose with elbow connector • rotating nuts and PVC sheath		
		Packaging		
Index	L [mm]	individual	bulk	
WGK0500	500	1 pcs	50 pcs	
WGK0750	750	1 pcs	50 pcs	
WGK1000	1000	1 pcs	50 pcs	
WGK1250	1250	1 pcs	50 pcs	
WGK1500	1500	1 pcs	50 pcs	
WGK2000	2000	1 pcs	50 pcs	



Control and safety fittings

CONTROL AND SAFETY FITTINGS



**INSTALLATION FILLING
VALVES**
333



**THERMOSTATIC
MIXING VALVES**
333



**PRESSURE
REDUCERS**
333



**ANTI-CONTAMINATION
VALVES**
334



**SAFETY
VALVES**
334



**SAFETY
GROUPS**
335



**DRAUGHT REGULATING
DEVICES**
337



Description

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



Packaging

Index	Size of connectors	individual	bulk
ZN15	1/2"	1 pcs	25 pcs
ZN15M	1/2" with manometer	1 pcs	25 pcs

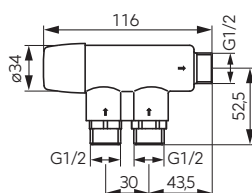
**Thermostatic mixing valve**

- Kv = 2.3 m³/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



Packaging

Index	Size of connectors	individual	bulk
MT20S	3/4"	1 pcs	-
MT25S	1"	1 pcs	-

**1/2" thermostatic mixer for touchless mixers**

- permissible water temperature: 90°C
- permissible working pressure: 0.5 bar - 10.0 bar
- connection to water system: 3 x 1/2" MT
- temperature control range: 30-70°C
- check valves: 2 pcs. (on inlets)
- max. flow rate at Δp = 1.5 bar: 25 l/min
- Kvs: 1.2 m³/h
- stability of mixed temperature: 3°C with a hot water temperature change of 15°C
- protection against scalding: flow cut-off function in the absence of cold water
- additional security features: body with anti-scaling coating



Packaging

Index	individual	bulk
MT15B	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


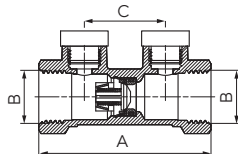






Packaging




K _v [m³/h]	Size	Index	individual	bulk
2,5	1/2"	RC15	1 pcs	24 pcs
3,1	3/4"	RC20	1 pcs	15 pcs
7	1"	RC25	1 pcs	10 pcs
12,5	1 1/4"	RC32	1 pcs	10 pcs
14,4	1 1/2"	RC40	1 pcs	10 pcs
17,8	2"	RC50	1 pcs	5 pcs
2,5	1/2" with manometer	RC15M	1 pcs	24 pcs
3,1	3/4" with manometer	RC20M	1 pcs	15 pcs
7	1" with manometer	RC25M	1 pcs	10 pcs

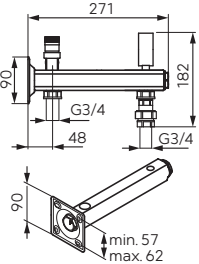

CONTROL AND SAFETY FITTINGS

				Description		
				Pressure reducer - standard <ul style="list-style-type: none">• outlet pressure regulation: 1-4 bar• max. inlet pressure: 16 bar• max. working temperature: 80°C• with 1/4" pressure gauge connection		
				Packaging		
K_v [m³/h]	Size	Index		individual	bulk	
1,6	1/2"	RC15S		1 pcs	25 pcs	
1,85	3/4"	RC20S		1 pcs	25 pcs	
1,6	1/2" with manometer	RC15SM		1 pcs	25 pcs	
1,85	3/4" with manometer	RC20SM		1 pcs	25 pcs	

								Anti-contamination check valve <ul style="list-style-type: none">• nominal pressure: 1.0 MPa (10 bar)• working temperature: 65°C• max. temperature: 90°C for 1 h• working position: any• class EA			
								Packaging			
								individual		bulk	
								Retail (bags)			
A [mm]	B	C [mm]		Index						Index	
68	G1/2	32	1/2"	ZZA01		20 pcs		240 pcs		ZZA01W	
78	G3/4	32	3/4"	ZZA02		22 pcs		132 pcs		ZZA02W	
90	G1	32	1"	ZZA03		14 pcs		84 pcs		ZZA03W	
110	G1 1/4	32	1 1/4"	ZZA04		8 pcs		48 pcs			
120	G1 1/2	38	1 1/2"	ZZA05		3 pcs		24 pcs			
150	G2	50	2"	ZZA06		3 pcs		18 pcs			

								Safety valve for central heating and hot water installations <ul style="list-style-type: none">• max. working pressure: 10 bar• max. working temperature: 110°C			
								Packaging			
Setting [bar]	Size	Index				individual		bulk			
1,5	1/2"x1/2"	Z1515				1 pcs		25 pcs			
2,5	1/2"x1/2"	Z1525				1 pcs		25 pcs			
2,5	3/4"x3/4"	Z2025				1 pcs		25 pcs			
3	1/2"x1/2"	Z1530				1 pcs		25 pcs			
3	3/4"x3/4"	Z2030				1 pcs		25 pcs			
6	1/2"x1/2"	Z1560				1 pcs		25 pcs			
6	3/4"x3/4"	Z2060				1 pcs		25 pcs			
8	1/2"x1/2"	Z1580				1 pcs		25 pcs			

								Safety valve for central heating and hot water installations <ul style="list-style-type: none">• M-F threads• max. working pressure: 10 bar• max. working temperature: 110°C			
								Packaging			
Setting [bar]	Size	Index				individual		bulk			
1,5	1/2"x1/2"	Z1515MF				1 pcs		50 pcs			
2,5	1/2"x1/2"	Z1525MF				1 pcs		50 pcs			
3	1/2"x1/2"	Z1530MF				1 pcs		50 pcs			
6	1/2"x1/2"	Z1560MF				1 pcs		50 pcs			




Description

Safety groups for DHW

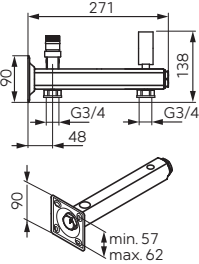

- max. working temperature: 95°C
- max. working pressure: 6 bar
- max. instantaneous water temperature: 110°C
- for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm
- CW617N brass beam
- stainless steel mounting plate

accessories:

- safety valve
- pressure gauge
- with a quick-connector for expansion vessels



		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
6 bar	0-10 bar	GBMW60SN01	1 pcs	-




Description

Safety groups for DHW

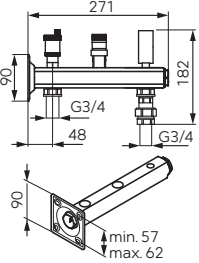

- max. working temperature: 95°C
- max. working pressure: 6 bar
- max. instantaneous water temperature: 110°C
- for expansion vessels with a capacity up to 35 l and a diameter not more than 320 mm
- CW617N brass beam
- stainless steel mounting plate

accessories:

- safety valve
- pressure gauge



		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
6 bar	0-10 bar	GBMW60	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


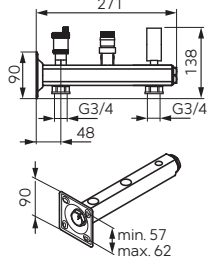

accessories:


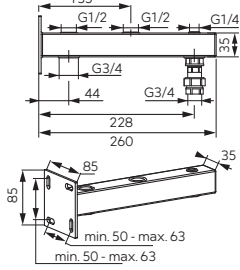

- safety valve
- pressure gauge
- automatic air vent with foot valve
- with a quick-connector for expansion vessels


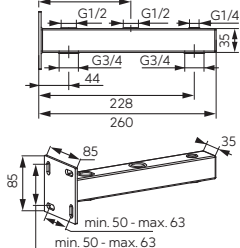






		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
1,5 bar	0-4 bar	GBM15SN01	1 pcs	-
2,5 bar	0-4 bar	GBM25SN01	1 pcs	-
3 bar	0-6 bar	GBM30SN01	1 pcs	-






		Description		
 		Safety groups for central heating <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • safety valve • pressure gauge • automatic air vent with foot valve 		
				
		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
1,5 bar	0-4 bar	GBM15	1 pcs	-
2,5 bar	0-4 bar	GBM25	1 pcs	-
3 bar	0-6 bar	GBM30	1 pcs	-

 		Safety group sets <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • safety valve • pressure gauge • automatic air vent with foot valve • quick connector for expansion vessel 		
				
		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
3 bar	0-6 bar	GB30SN01	1 pcs	-

 		Safety group sets <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • safety valve • pressure gauge • automatic air vent with foot valve 		
				
		Packaging		
Safety valve	Pressure gauges	Index	individual	bulk
1,5 bar	0-4 bar	GB15	1 pcs	-
2,5 bar	0-4 bar	GB25	1 pcs	-
3 bar	0-6 bar	GB30	1 pcs	-
6 bar	0-10 bar	GB60	1 pcs	-

			Description		
			Boiler safety valve with check valve		
					
Bar		Index	Packaging		Retail (bags)
			individual	bulk	Index
6	1/2"	Z1560B	1 pcs	50 pcs	Z1560BE
6	3/4"	Z2060B	1 pcs	50 pcs	
8	1/2"	Z1580B	1 pcs	50 pcs	
8	3/4"	Z2080B	1 pcs	50 pcs	

			3/4" draft regulator <ul style="list-style-type: none">• temperature control range: 30°C - 100°C• chain length: 1200 mm• can be mounted vertically and horizontally		
					
Index			individual	bulk	
MC20			1 pcs	-	



Expansion vessels

EXPANSION VESSELS



**VESSELS FOR HEATING
SYSTEMS**
339



**VESSELS FOR SOLAR
SYSTEMS**
342



VESSELS FOR DHW
343



**UNIVERSAL
VESSELS**
345

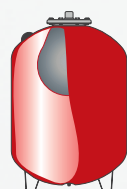


ACCESSORIES
347

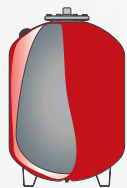
Expansion vessels for central heating



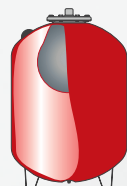
The ethylene-propylene diaphragm prevents contact between the water and the inner surface of the tank thus ensuring the purity of the medium in the system and preventing corrosion.



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					
		<ul style="list-style-type: none">• max. working pressure: 8 bar• precharge pressure: 1.5 bar• working temperature: from -10°C to +100°C• membrane (replaceable): EPDM• colour: RAL 3000					
							
					Packaging		
Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
R5	300	160	3/4"	5	CO5W	1 pcs	-
R8	316	200	3/4"	8	CO8W	1 pcs	-
R12	295	280	3/4"	12	CO12W	1 pcs	-
R18	430	280	3/4"	18	CO18W	1 pcs	-
R24	483	280	3/4"	24	CO24W	1 pcs	-
R35	440	365	3/4"	35	CO35W	1 pcs	-
R50	585	365	3/4"	50	CO50W	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							
					Packaging		
Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
RV35	450	365	3/4"	35	CO35S	1 pcs	-
RV50	582	365	3/4"	50	CO50S	1 pcs	-
RV60	668	365	3/4"	60	CO60S	1 pcs	-
RV80	717	415	1"	80	CO80S	1 pcs	-
RV100	663	495	1"	100	CO100S	1 pcs	-
RV150	795	550	1"	150	CO150S	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							
					Packaging		
Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
RV200	1081	600	1"	200	CO200S	1 pcs	-
RV250	1051	650	1"	250	CO250S	1 pcs	-
RV300	1212	650	1"	300	CO300S	1 pcs	-
RV400	1198	750	1 1/4"	400	CO400S	1 pcs	-
RV500	1438	750	1 1/4"	500	CO500S	1 pcs	-

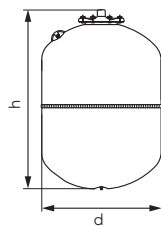
Description																																																												
<div><div><div><div><div>h</div><div>d</div><div>h</div></div><div>*</div></div></div><div><p>Flat vessels for heating systems</p><ul style="list-style-type: none">• max. working pressure: 3 bar• precharge pressure: 1.5 bar• working temperature: from -10°C to + 90°C• membrane: SBR• colour: galvanized steel</div><div><div></div><div><table><tr><th colspan="5"></th><th colspan="2">Packaging</th></tr><tr><th>Model</th><th>h [mm]</th><th>d [mm]</th><th>Connection</th><th>Volume [l]</th><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>VCP387-6</td><td>60</td><td>387</td><td>3/8"</td><td>6</td><td>CO6PL7</td><td>1 pcs</td><td>-</td></tr><tr><td>VCP387-8</td><td>85</td><td>387</td><td>3/8"</td><td>8</td><td>CO8PL7</td><td>1 pcs</td><td>-</td></tr><tr><td>VCP387-10</td><td>100</td><td>387</td><td>3/4"</td><td>10</td><td>CO10PL7</td><td>1 pcs</td><td>-</td></tr><tr><td>VCP387-12</td><td>120</td><td>387</td><td>3/4"</td><td>12</td><td>CO12PL7</td><td>1 pcs</td><td>-</td></tr><tr><td>VCP387-18</td><td>180</td><td>387</td><td>3/4"</td><td>18</td><td>CO18PL7</td><td>1 pcs</td><td>-</td></tr></table></div></div></div>											Packaging		Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk	VCP387-6	60	387	3/8"	6	CO6PL7	1 pcs	-	VCP387-8	85	387	3/8"	8	CO8PL7	1 pcs	-	VCP387-10	100	387	3/4"	10	CO10PL7	1 pcs	-	VCP387-12	120	387	3/4"	12	CO12PL7	1 pcs	-	VCP387-18	180	387	3/4"	18	CO18PL7	1 pcs	-
					Packaging																																																							
Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk																																																					
VCP387-6	60	387	3/8"	6	CO6PL7	1 pcs	-																																																					
VCP387-8	85	387	3/8"	8	CO8PL7	1 pcs	-																																																					
VCP387-10	100	387	3/4"	10	CO10PL7	1 pcs	-																																																					
VCP387-12	120	387	3/4"	12	CO12PL7	1 pcs	-																																																					
VCP387-18	180	387	3/4"	18	CO18PL7	1 pcs	-																																																					
<div><div><div><div><div>h</div><div>A</div><div>B</div></div><div>**</div></div></div><div><p>Flat vessels for heating systems</p><ul style="list-style-type: none">• max. working pressure: 3 bar• precharge pressure: 1.5 bar• working temperature: from -10°C to + 90°C• membrane: SBR• colour: galvanized steel</div><div><div></div><div><table><tr><th colspan="5"></th><th colspan="2">Packaging</th></tr><tr><th>Model</th><th>h [mm]</th><th>AxB [mm]</th><th>Connection</th><th>Volume [l]</th><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>VRP205-8</td><td>110</td><td>200x515</td><td>3/4"</td><td>8</td><td>CO8PR</td><td>1 pcs</td><td>-</td></tr><tr><td>VRP205-10</td><td>120</td><td>200x515</td><td>3/4"</td><td>10</td><td>CO10PR</td><td>1 pcs</td><td>-</td></tr><tr><td>VRP205-12</td><td>145</td><td>200x515</td><td>3/4"</td><td>12</td><td>CO12PR</td><td>1 pcs</td><td>-</td></tr></table></div></div></div>											Packaging		Model	h [mm]	AxB [mm]	Connection	Volume [l]	Index	individual	bulk	VRP205-8	110	200x515	3/4"	8	CO8PR	1 pcs	-	VRP205-10	120	200x515	3/4"	10	CO10PR	1 pcs	-	VRP205-12	145	200x515	3/4"	12	CO12PR	1 pcs	-																
					Packaging																																																							
Model	h [mm]	AxB [mm]	Connection	Volume [l]	Index	individual	bulk																																																					
VRP205-8	110	200x515	3/4"	8	CO8PR	1 pcs	-																																																					
VRP205-10	120	200x515	3/4"	10	CO10PR	1 pcs	-																																																					
VRP205-12	145	200x515	3/4"	12	CO12PR	1 pcs	-																																																					

* refers to: CO12PL5, CO10PL7, CO18PL
** refers to: CO12PR



VESSELS FOR SOLAR SYSTEMS

Description



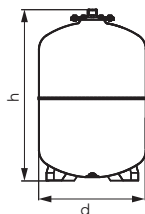
Vessels for solar installations – hanging

- max. working pressure: 10 bar
- precharge pressure: 2.5 bar
- working temperature: from -10°C to +140°C
- membrane (replaceable): EPDM HT
- colour: RAL 9010



Packaging

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
S8	316	200	3/4"	8	SO8W	1 pcs	-
S12	295	280	3/4"	12	SO12W	1 pcs	-
S18	430	280	3/4"	18	SO18W	1 pcs	-
S24	483	280	3/4"	24	SO24W	1 pcs	-



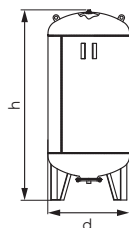
Vessels for solar installations – standing

- max. working pressure: 10 bar
- precharge pressure: 2.5 bar
- working temperature: from -10°C to +140°C
- membrane (replaceable): EPDM HT
- colour: RAL 9010



Packaging

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
SV35	450	365	3/4"	35	SO35S	1 pcs	-
SV50	582	365	3/4"	50	SO50S	1 pcs	-
SV80	717	415	1"	80	SO80S	1 pcs	-
SV100	663	495	1"	100	SO100S	1 pcs	-
SV150	795	550	1"	150	SO150S	1 pcs	-



Vessels for solar installations – standing

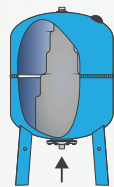
- max. working pressure: 10 bar
- precharge pressure: 2.5 bar
- working temperature: from -10°C to +140°C
- membrane (replaceable): EPDM HT
- colour: RAL 9010



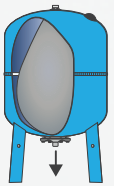
Packaging

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
SV200	1085	600	1"	200	SO200S	1 pcs	-
SV300	1212	650	1"	300	SO300S	1 pcs	-

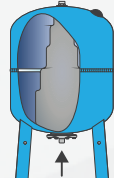
Expansion vessels for domestic water



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.




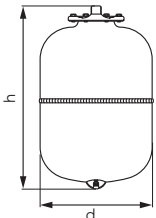

When the pressure reaches its maximum value, the pump stops. At that point the tank contains the maximum amount of water. The diaphragm expands and occupies almost the entire volume of the tank. When water is drawn, it starts to flow out of the tank without the need for the pump to operate, using the air cushion pressure.


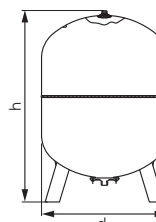



The process continues, the diaphragm shrinks and the pressure drops to a minimum. The diaphragm returns to its original size the pump restarts and a new cycle begins. Since the tank always ensures maximum water flow, the pump's operating periods are reduced to a minimum.

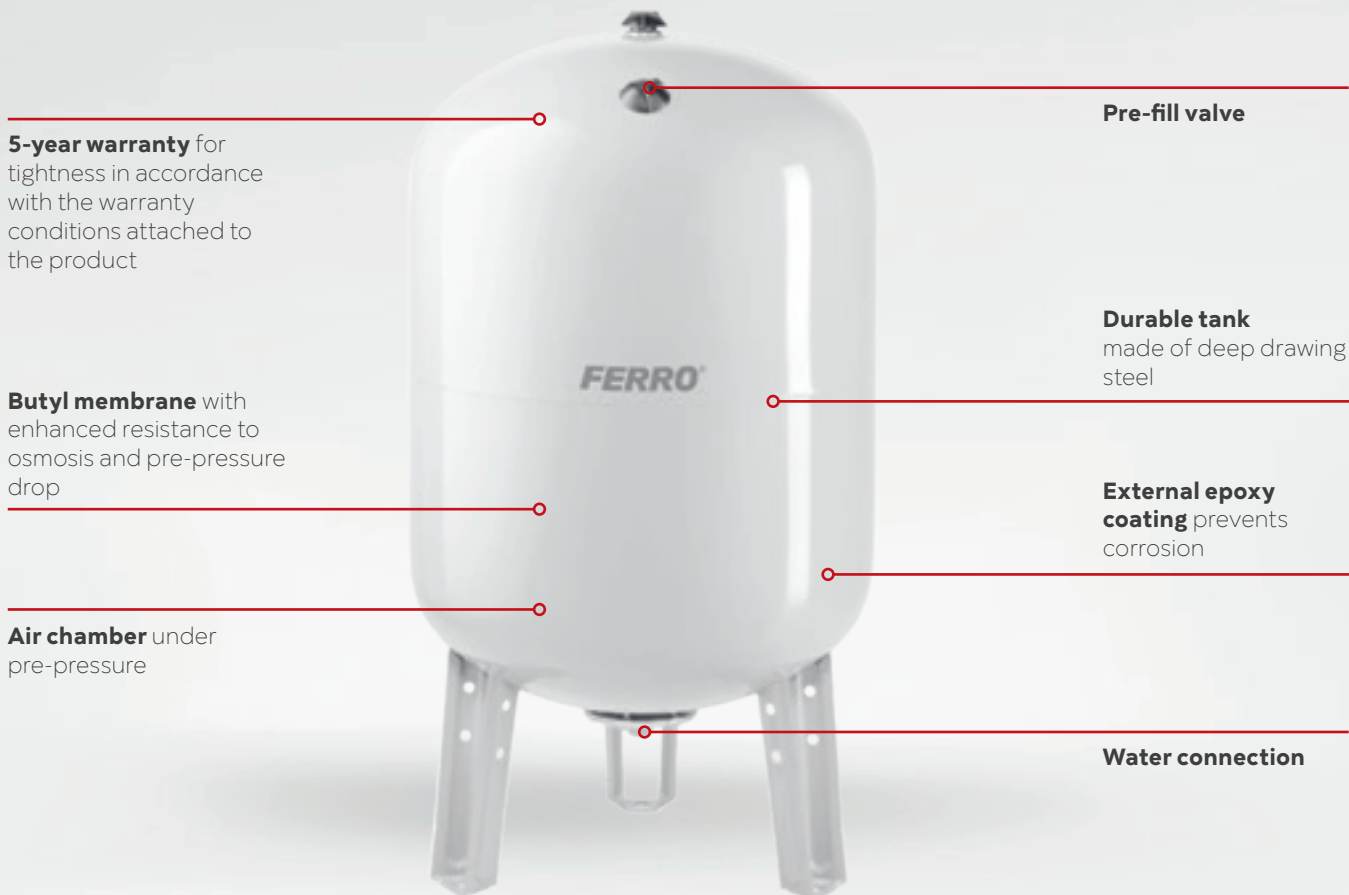


VESSELS FOR DHW

Description							
		Sanitary water vessels - hanging <ul style="list-style-type: none">• 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)					
							
						Packaging	
Model	h[mm]	d[mm]	Connection	Volume[l]	Index	individual	bulk
M2	250	120	3/4"	2	CWU2W	1 pcs	-
A5	300	160	3/4"	5	CWU5W	1 pcs	-
A8	316	200	3/4"	8	CWU8W	1 pcs	-
A12	295	280	3/4"	12	CWU12W	1 pcs	-
A18	430	280	3/4"	18	CWU18W	1 pcs	-
A24	483	280	3/4"	24	CWU24W	1 pcs	-
A35	440	365	1"	35	CWU35W	1 pcs	-

		Sanitary water vessels - standing <ul style="list-style-type: none">• 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					
							
						Packaging	
Model	h[mm]	d[mm]	Connection	Volume[l]	Index	individual	bulk
AV50	720	365	1"	50	CWU50S	1 pcs	-
AV60	808	365	1"	60	CWU60S	1 pcs	-
AV80	856	415	1	80	CWU80S	1 pcs	-
AV100	855	495	1"	100	CWU100S	1 pcs	-
AV150	975	550	1"	150	CWU150S	1 pcs	-
AV200	1085	600	1 1/4"	200	CWU200S	1 pcs	-
AV300	1240	650	1 1/4"	300	CWU300S	1 pcs	-

Expansion vessels for domestic water or heating



5-year warranty for tightness in accordance with the warranty conditions attached to the product

Pre-fill valve

Butyl membrane with enhanced resistance to osmosis and pre-pressure drop

Durable tank
made of deep drawing steel

External epoxy coating prevents corrosion

Air chamber under pre-pressure

Water connection



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.

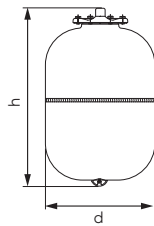
Technical parameters

- 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



UNIVERSAL VESSELS

Description



Expansion universal vessel - hanging

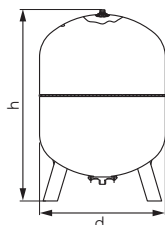
- max. working pressure: 10 bar
- precharge pressure: 3.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): butyl
- flange material: AISI 304 stainless steel
- colour: RAL 9010

NEW



Packaging

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
M5+	300	160	3/4"	5	UNI5W	1 pcs	-
M8+	316	200	3/4"	8	UNI8W	1 pcs	-
M12+	295	280	3/4"	12	UNI12W	1 pcs	-
M18+	430	280	3/4"	18	UNI18W	1 pcs	-
M24+	483	280	3/4"	24	UNI24W	1 pcs	-
M35+	440	365	1"	35	UNI35W	1 pcs	-



Expansion universal vessel - standing

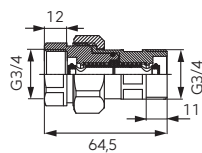
- max. working pressure: 10 bar
- precharge pressure: 3.5 bar
- working temperature: from -10°C to +100°C
- membrane (replaceable): butyl
- flange material: AISI 304 stainless steel
- colour: RAL 9010

NEW



Packaging

Model	h [mm]	d [mm]	Connection	Volume [l]	Index	individual	bulk
MV50+	720	365	1"	50	UNI50S	1 pcs	-
MV80+	856	415	1"	80	UNI80S	1 pcs	-
MV100+	855	495	1"	100	UNI100S	1 pcs	-
MV200+	1085	600	1 1/4"	200	UNI200S	1 pcs	-
MV300+	1240	650	1 1/4"	300	UNI300S	1 pcs	-



Description

3/4" quick connector for expansion vessel



	Packaging	Retail
Index	individual	bulk
SN01	12 pcs	96 pcs
		SN01W



Mounting strap for hanging vessels 8-35l



	Packaging	
Index	individual	bulk
TNACZ	1 pcs	50 pcs



Fittings

BRASS FITTINGS



RAW BRASS FITTINGS
349




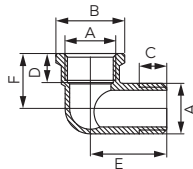

CHROME PLATED BRASS FITTINGS
355


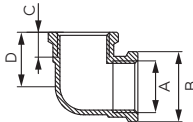




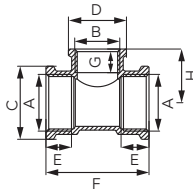

BRASS UNIONS
358



PUMP HALF UNION
361


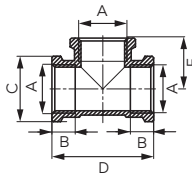


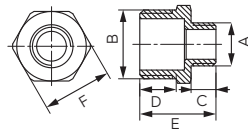

		Description						
 		Elbow female - male						
								
		Packaging						
A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G3/8	22,5	9	8,5	24,5	17	K09Z	10 pcs	600 pcs
G1/2	27	10,5	11	29	22	K12Z	10 pcs	300 pcs
G3/4	34	12,5	13	33,5	28	K10Z	10 pcs	160 pcs
G1	40	13	14	38	32	K11Z	5 pcs	90 pcs
G1 1/4	49	15	15	45	37	K13Z	5 pcs	50 pcs
G1 1/2	55	16	16	48	40	K14Z	5 pcs	40 pcs
G2	68	19	20	62	52	K15Z	1 pcs	20 pcs

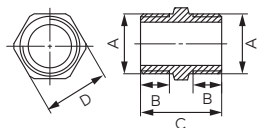
 		Elbow female - female					
							
		Packaging					
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	
G3/8	22,5	8,5	17,5	K02Z	10 pcs	600 pcs	
G1/2	27	11	22	K03Z	10 pcs	300 pcs	
G3/4	34	13,5	28	K04Z	10 pcs	150 pcs	
G1	40	14	32	K05Z	5 pcs	100 pcs	
G1 1/4	49	16	38	K06Z	5 pcs	50 pcs	
G1 1/2	55	16	40,5	K07Z	5 pcs	40 pcs	
G2	68	20	51	K08Z	1 pcs	20 pcs	

 		Reduction tee female								
										
		Packaging								
A	B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Index	individual	bulk
G3/4	G1/2	34	27	13	48	11	25	T08Z	10 pcs	150 pcs
G1	G1/2	40	27	14	52	11	27,5	T09Z	5 pcs	80 pcs
G1	G3/4	40	34	14	57	13,5	30	T10Z	5 pcs	60 pcs



RAW BRASS FITTINGS

						Description		
 						Tee female		
							Packaging	
A	B [mm]	C [mm]	D [mm]	E [mm]	Index		individual	bulk
G3/8	8,5	22,5	35	17,5	T01Z		10 pcs	350 pcs
G1/2	11	27	44	22	T02Z		10 pcs	180 pcs
G3/4	13,5	34	56	28	T03Z		10 pcs	100 pcs
G1	14	40	64	32	T04Z		5 pcs	70 pcs
G1 1/4	16	49	76	38	T05Z		5 pcs	40 pcs
G1 1/2	16	55	81	40,5	T06Z		5 pcs	30 pcs
G2	20	68	102	51	T07Z		1 pcs	18 pcs
 						Reduction nipple		
							Packaging	
A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G1/4	G1/2	7,5	11	23	21	N09Z	10 pcs	800 pcs
G3/8	G1/2	9	11	24,5	21	N11Z	10 pcs	700 pcs
G1/2	G3/4	11,5	12,5	29	26,5	N10Z	10 pcs	400 pcs
G1/2	G1	11,5	14	30	33,5	N12Z	5 pcs	320 pcs
G3/4	G1	12	14	31	33	N13Z	5 pcs	280 pcs
G3/4	G1 1/4	13	16	34,5	42	N14Z	5 pcs	150 pcs
G1	G1 1/4	13,5	16	35	42	N15Z	5 pcs	150 pcs
G1	G1 1/2	13	16,5	35	48,5	N16Z	5 pcs	110 pcs
G1 1/4	G1 1/2	16	16,5	38	48,5	N17Z	5 pcs	100 pcs
G1	G2	14	20	40	60	N18Z	1 pcs	48 pcs
G1 1/4	G2	16	20	40	60	N19Z	1 pcs	48 pcs
G1 1/2	G2	16,5	20	42,5	60	N20Z	1 pcs	48 pcs
G1/2	G1 1/2	11,5	16,5	33,5	48,5	N21Z	5 pcs	80 pcs
							NEW	



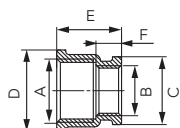
Description

Nipple



Packaging

A	B [mm]	C [mm]	D [mm]	Index	individual	bulk
G3/8	9	22,5	18	N02Z	10 pcs	1000 pcs
G1/2	10,5	25,5	23	N03Z	10 pcs	600 pcs
G3/4	12	29	28	N04Z	10 pcs	380 pcs
G1	13	31,5	35	N05Z	5 pcs	200 pcs
G1 1/4	15	31,5	44	N06Z	5 pcs	120 pcs
G1 1/2	16,5	39	50	N07Z	5 pcs	90 pcs
G2	19	45	62	N08Z	1 pcs	48 pcs

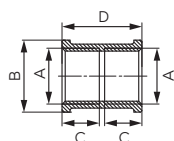


Reduction muff



Packaging

A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G1/2	G3/8	22,5	27	3,05	8,5	M08Z	10 pcs	470 pcs
G3/4	G1/2	27	34	26	11,5	M09Z	10 pcs	350 pcs
G1	G3/4	27	40	28	12	M10Z	5 pcs	150 pcs
G1	G1/2	34	40	29	13	M11Z	5 pcs	280 pcs
G1 1/4	G1	40	49	33	14,5	M12Z	5 pcs	130 pcs
G1 1/2	G1	40	56	33	13,5	M13Z	5 pcs	100 pcs
G1 1/2	G1 1/4	49	56	35	16,5	M14Z	5 pcs	85 pcs
G2	G1	40	70	37	14	M15Z	1 pcs	60 pcs
G2	G1 1/4	49	70	39	16	M16Z	1 pcs	60 pcs
G2	G1 1/2	55	70	40	17	M17Z	1 pcs	60 pcs




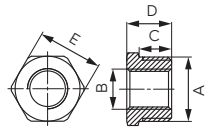


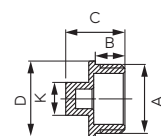

Muff

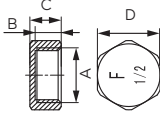




Packaging

A	B [mm]	C [mm]	D [mm]	Index	individual	bulk
G3/8	22,5	12	25	M01Z	10 pcs	700 pcs
G1/2	27	14	30	M02Z	10 pcs	400 pcs
G3/4	34	16	34	M03Z	10 pcs	200 pcs
G1	41	17	36	M04Z	10 pcs	140 pcs
G1 1/4	49,5	20	43	M05Z	5 pcs	80 pcs
G1 1/2	57	25	53	M06Z	5 pcs	50 pcs
G2	70	27	65	M07Z	1 pcs	30 pcs

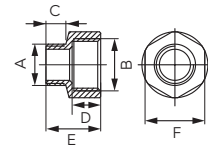


RAW BRASS FITTINGS

						Description	
 						Reduction	
							
						Packaging	
A	B	C[mm]	D[mm]	E[mm]	Index	individual	bulk
G1/2	G1/4	10,5	14,5	21	R01Z	10 pcs	1000 pcs
G1/2	G3/8	10,5	14,5	21	R02Z	10 pcs	1000 pcs
G3/4	G1/2	11	16	26,5	R03Z	10 pcs	700 pcs
G1	G3/4	12	17,5	35	R04Z	5 pcs	320 pcs
G1	G1/2	14	19,5	42	R06Z	5 pcs	400 pcs
G1 1/4	G3/4	15	20,5	48,5	R09Z	5 pcs	200 pcs
G1 1/4	G1	12	17,5	35	R05Z	5 pcs	240 pcs
G1 1/2	G1	14	19,5	42	R07Z	5 pcs	170 pcs
G1 1/2	G1 1/4	15	20,5	48,5	R08Z	5 pcs	170 pcs
G2	G1	19	25,5	60	R10Z	1 pcs	80 pcs
G2	G1 1/4	19	25,5	60	R11Z	1 pcs	80 pcs
G2	G1 1/2	19	25,5	60	R12Z	1 pcs	80 pcs
G1/2	G1 1/4	14,5	19,5	42	R13Z	5 szt	130 szt
G1/2	G1 1/2	15	20,5	48,5	R14Z	5 szt	110 szt
G3/4	G1 1/2	15	20,5	48,5	R15Z	5 szt	110 szt
						<div>NOWOŚĆ</div>	
						<div>NOWOŚĆ</div>	
						<div>NOWOŚĆ</div>	
 						Plug	
							
						Packaging	
A	B[mm]	C[mm]	D[mm]	K[mm]	Index	individual	bulk
G3/8	8	13	-	17	KOR2Z	10 pcs	1000 pcs
G1/2	9	18	23	10	KOR3Z	10 pcs	1000 pcs
G3/4	11	20	30	13	KOR4Z	10 pcs	550 pcs
G1	11,5	21,5	37	16	KOR5Z	5 pcs	350 pcs
G1 1/4	12,5	25,5	45	22	KOR6Z	5 pcs	200 pcs
G1 1/2	13	28,5	52	23	KOR7Z	5 pcs	140 pcs
G2	17	34,5	63	30	KOR8Z	1 pcs	60 pcs


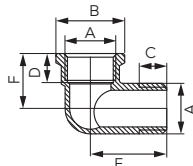

				Description		
<div></div>				Cap		
				Packaging		
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk
G3/8	9	11	19	ZAS1Z	10 pcs	1000 pcs
G1/2	10	12	24	ZAS2Z	10 pcs	1000 pcs
G3/4	11,5	13,5	30	ZAS3Z	10 pcs	600 pcs
G1	13	15	36	ZAS4Z	5 pcs	350 pcs
G1 1/4	13	15	45,5	ZAS5Z	5 pcs	220 pcs
G1 1/2	13,5	16	52	ZAS6Z	5 pcs	200 pcs
G2	16,5	19	63,5	ZAS7Z	1 pcs	96 pcs


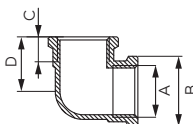

				Stub pipe		
				Packaging		
A	B [mm]	L [mm]	D [mm]	Index	individual	bulk
G1	15	107	25	KR107Z	1 pcs	60 pcs
G1	15	165	25	KR165Z	1 pcs	48 pcs
				Extension		
				Packaging		
A	B [mm]	C [mm]	L [mm]	Index	individual	bulk
G1/2	10	8,5	10	G1/2 x 10 mm P10Z	10 pcs	540 pcs
G3/4	12	8	10	G3/4 x 10 mm P110Z	10 pcs	400 pcs
G1/2	10	12	15	G1/2 x 15 mm P15Z	10 pcs	460 pcs
G3/4	12	13	15	G3/4 x 15 mm P115Z	10 pcs	330 pcs
G1/2	10	12	20	G1/2 x 20 mm P20Z	10 pcs	420 pcs
G3/4	12	15	20	G3/4 x 20 mm P120Z	10 pcs	290 pcs
G1/2	10	12	25	G1/2 x 25 mm P25Z	10 pcs	360 pcs
G3/4	12	15	25	G3/4 x 25 mm P125Z	10 pcs	240 pcs
G1/2	10	12	30	G1/2 x 30 mm P30Z	10 pcs	300 pcs
G3/4	12	15	30	G3/4 x 30 mm P130Z	10 pcs	200 pcs
G1/2	10	12	40	G1/2 x 40 mm P40Z	10 pcs	240 pcs
G3/4	12	15	40	G3/4 x 40 mm P140Z	10 pcs	160 pcs
G1/2	10	12	50	G1/2 x 50 mm P50Z	10 pcs	200 pcs
G3/4	12	15	50	G3/4 x 50 mm P150Z	10 pcs	120 pcs
G1/2	10	12	60	G1/2 x 60 mm P60Z	5 pcs	180 pcs
G3/4	12	15	60	G3/4 x 60 mm P160Z	5 pcs	120 pcs


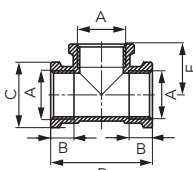


RAW BRASS FITTINGS


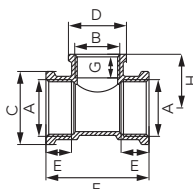

						Description		
<div></div>						Reduction female – male		
								
						Packaging		
A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G1/4	G3/8	8	10	20	20	RN01Z	10 pcs	1200 pcs
G3/8	G1/2	8,5	11	21,5	24	RN02Z	10 pcs	700 pcs
G1/2	G3/4	11	12	25	30	RN03Z	10 pcs	450 pcs
G1/2	G1	11	13,5	28	37	RN04Z	10 pcs	250 pcs
G3/4	G1	12	14,5	29	37	RN05Z	10 pcs	250 pcs
G1	G1 1/4	13	16	32	46	RN06Z	5 pcs	150 pcs

						Tee for assembling temperature sensor			
						• max. working temperature: 95°C • max. working pressure: 1.0 MPa (10 bar)			
						Packaging			
A	B [mm]	C [mm]	D [mm]	E [mm]		Index	individual	bulk	Detail
G1/2	44,1	56,0	14,5	24,9	1/2' x M10x1	SGT1	20 pcs.	240 pcs.	SGT1W
G3/4	43,8	64,0	18,0	31,5	3/4' x M10x1	SGT2	15 pcs.	180 pcs.	SGT2W

		Description						
						Elbow female - male		
						Packaging		
A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G3/8	22,5	9	8,5	24,5	17	K09C	1 pcs	25 pcs
G1/2	27	10,5	11	29	22	K12C	1 pcs	10 pcs
G3/4	34	12,5	13	33,5	28	K10C	1 pcs	10 pcs


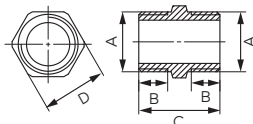

						Elbow female - female	
						Packaging	
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	
G3/8	22,5	8,5	17,5	K02C	1 pcs	25 pcs	
G1/2	27	11	T22	K03C	1 pcs	10 pcs	
G3/4	34	13,5	28	K04C	1 pcs	10 pcs	


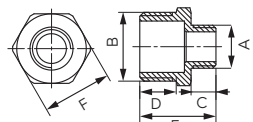

						Tee female	
						Packaging	
A	B [mm]	C [mm]	D [mm]	E [mm]	Index	individual	bulk
G3/8	8,5	22,5	35	17,5	T01C	1 pcs	25 pcs
G1/2	11	27	44	22	T02C	1 pcs	10 pcs
G3/4	13,5	34	56	28	T03C	1 pcs	10 pcs


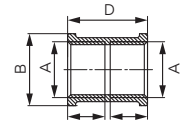

						Reduction tee female				
						Packaging				
A	B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Index	individual	bulk
G3/4	G1/2	34	27	13	28	11	25	T08C	1 pcs	10 pcs


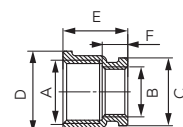




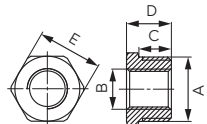


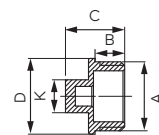


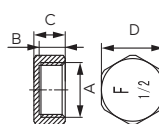


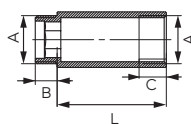

CHROME PLATED BRASS FITTINGS

				Description		
 				Nipple		
					Packaging	
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk
G3/8	9	22,5	18	N02C	1 pcs	25 pcs
G1/2	10,5	22,5	23	N03C	1 pcs	25 pcs
G3/4	12	29	28	N04C	1 pcs	10 pcs


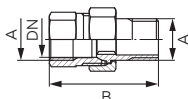

 				Reduction nipple				
					Packaging			
A	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G1/4	G1/2	7,5	11	23	21	N09C	1 pcs	25 pcs
G3/8	G1/2	9	11	24,5	21	N11C	1 pcs	10 pcs
G1/2	G3/4	11,5	12,5	29	26,5	N10C	1 pcs	25 pcs

 				Muff		
					Packaging	
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk
G3/8	22,5	12	25	M01C	1 pcs	25 pcs
G1/2	27	14	30	M02C	1 pcs	25 pcs
G3/4	34	16	34	M03C	1 pcs	10 pcs

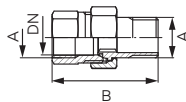


 				Reduction muff			
					Packaging		
A	B [mm]	C [mm]	D [mm]	E [mm]	Index	individual	bulk
G1/2	G3/8	22,5	27	21,5	M08C	1 pcs	25 pcs
G3/4	G1/2	27	34	11,5	M09C	1 pcs	10 pcs

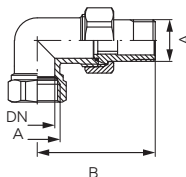


Description					
 					
					
Packaging					
A	B[mm]	C[mm]	D[mm]	E[mm]	Index
G1/2	G1/4	10,5	14,5	21	R01C
G1/2	G3/8	10,5	14,5	21	R02C
G3/4	G1/2	11	16	26,5	R03C
 					
					
Packaging					
A	B[mm]	C[mm]	D[mm]	K[mm]	Index
G1/2	9	18	23	10	KOR3C
G3/4	11	20	30	13	KOR4C
 					
					
Packaging					
A	B[mm]	C[mm]	D[mm]	K[mm]	Index
G1/2	9	18	23	10	ZAS2C
G3/4	11	20	30	13	ZAS3C
 					
					
Packaging					
A	B[mm]	C[mm]	L[mm]	Index	
G1/2	10	8,5	10	G1/2 x 10 mm	P10C
G3/4	12	8	10	G3/4 x 10 mm	P110C
G1/2	10	12	15	G1/2 x 15 mm	P15C
G3/4	12	13	15	G3/4 x 15 mm	P115C
G1/2	10	12	20	G1/2 x 20 mm	P20C
G3/4	12	15	20	G3/4 x 20 mm	P120C
G1/2	10	12	25	G1/2 x 25 mm	P25C
G3/4	12	15	25	G3/4 x 25 mm	P125C
G1/2	10	12	30	G1/2 x 30 mm	P30C
G3/4	12	15	30	G3/4 x 30 mm	P130C
G1/2	10	12	40	G1/2 x 40 mm	P40C
G3/4	12	15	40	G3/4 x 40 mm	P140C
G1/2	10	12	50	G1/2 x 50 mm	P50C
G3/4	12	15	50	G3/4 x 50 mm	P150C

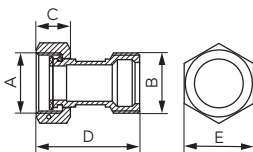


BRASS UNIONS

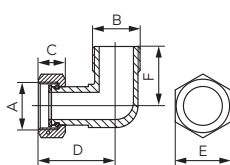


						Description		
						Straight pipe union without O-ring		
								
						Packaging		
DN	A	B [mm]		Index		individual	bulk	
10	G3/8	41,5	3/8"	SG1		1 pcs	220 pcs	
15	G1/2	45,7	1/2"	SG2		1 pcs	160 pcs	
20	G3/4	50,5	3/4"	SG3		1 pcs	120 pcs	
25	G1	59	1"	SG7		1 pcs	70 pcs	
32	G1 1/4	64	1 1/4"	SG9		1 pcs	50 pcs	

						Description		
						Angle pipe union without O-ring		
						Packaging		
DN	A	B [mm]		Index		individual	bulk	
10	G3/8	47	3/8"	SG4		1 pcs	200 pcs	
15	G1/2	52,2	1/2"	SG5		1 pcs	140 pcs	
20	G3/4	59	3/4"	SG6		1 pcs	80 pcs	
25	G1	72	1"	SG8		1 pcs	45 pcs	
32	G1 1/4	81,2	1 1/4"	SG10		1 pcs	25 pcs	
						Description		
						Straight pipe union with O-ring		
						Packaging		
DN	A	B [mm]		Index		individual	bulk	
10	G3/8	41,5	3/8"	SGU1		1 pcs	220 pcs	
15	G1/2	45,7	1/2"	SGU2		1 pcs	160 pcs	
20	G3/4	50,5	3/4"	SGU3		1 pcs	120 pcs	
25	G1	59	1"	SGU7		1 pcs	70 pcs	
32	G1 1/4	63	1 1/4"	SGU9		1 pcs	50 pcs	
						Description		
						Angle pipe union with O-ring		
						Packaging		
DN	A	B [mm]		Index		individual	bulk	
10	G3/8	47	3/8"	SGU4		1 pcs	200 pcs	
15	G1/2	52,5	1/2"	SGU5		1 pcs	140 pcs	
20	G3/4	59	3/4"	SGU6		1 pcs	80 pcs	
25	G1	72	1"	SGU8		1 pcs	45 pcs	
32	G1 1/4	81,2	1 1/4"	SGU10		1 pcs	25 pcs	

				Description		
<div></div>				Straight pipe union with O-ring • chrome plated		
					Packaging	
DN	A	B [mm]		Index	individual	bulk
10	G3/8	41,5	3/8"	SGC1	1 pcs	220 pcs
15	G1/2	45,7	1/2"	SGC2	1 pcs	160 pcs
20	G3/4	50,5	3/4"	SGC3	1 pcs	120 pcs
25	G1	59	1"	SGC7	1 pcs	70 pcs
32	G1 1/4	64	1 1/4"	SGC9	1 pcs	50 pcs

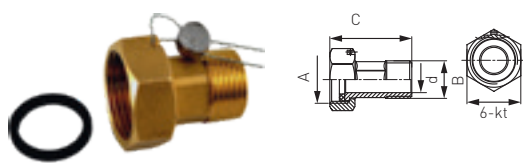
<div></div>				Angle pipe union with O-ring • chrome plated		
					Packaging	
DN	A	B [mm]		Index	individual	bulk
10	G3/8	41,5	3/8"	SGC4	1 pcs	200 pcs
15	G1/2	45,7	1/2"	SGC5	1 pcs	140 pcs
20	G3/4	50,5	3/4"	SGC6	1 pcs	80 pcs
25	G1	59	1"	SGC8	1 pcs	45 pcs
32	G1 1/4	64	1 1/4"	SGC10	1 pcs	25 pcs

<div></div>				Straight half pipe union with gasket, F-M		NEW	
					Packaging		
A	B	C [mm]	D [mm]	E [mm]	Index	individual	bulk
G1/2	G1/2	14	32	24	SGP1	10 pcs	240 pcs
G3/4	G3/4	14	38	30	SGP2	10 pcs	150 pcs
G1	G1	17,5	40	36	SGP3	10 pcs	80 pcs

<div></div>				Angle half pipe union with gasket, F-M		NEW		
					Packaging			
A	B	C [mm]	D [mm]	E [mm]	F [mm]	Index	individual	bulk
G1/2	G1/2	14	25	24	29,5	SGK1	10 pcs	220 pcs
G3/4	G3/4	14	31	30	36	SGK2	10 pcs	140 pcs
G1	G1	17,5	36,2	36,5	42	SGK3	10 pcs	60 pcs



BRASS UNIONS



Description

Half pipe union for water meter

- possibility of placing a lead seal
- lead seal not included in the set
- 1 set - 2 pcs



Packaging

A	B [mm]	d [mm]	C [mm]	6-kt [mm]	Index	individual	bulk
G3/4	G1/2	14,5	36	30	1/2"	SG11	1 set (2 pcs) 120 set
G1	G3/4	19,6	45	36	3/4"	SG12	1 set (2 pcs) 70 set
G1 1/4	G1	26	67,5	46	1"	SG13	1 set (2 pcs) 30 set
G1 1/2	G1 1/4	30	71	52	1 1/4"	SG14	1 set (2 pcs) 25 set
G2	G1 1/2	36,6	82	65	1 1/2"	SG15	1 set (2 pcs) 18 set
G2 1/2	G2	49	98	84	2"	SG16	1 set (2 pcs) 10 set

Description		
		Brass pump half pipe union 6/4\"x1\"
	Packaging	
Index	individual	bulk
SG18	1 set (2 pcs)	56 set

		Cast iron half pipe union 6/4\"x1\"
	Packaging	
Index	individual	bulk
SG17	1 set (2 pcs)	35 set

		Cast iron half pipe union 2\"x5/4\"
	Packaging	
Index	individual	bulk
SG19	1 set (2 pcs)	20 set



Central heating & domestic hot water installation kits

CENTRAL HEATING & DOMESTIC HOT WATER INSTALLATION KITS



HEAT EXCHANGERS
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MIXING VALVES
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ELECTRIC ACTUATOR FOR MIXING VALVES
366



DIFFERENTIAL VALVES
367



PUMPING GROUPS
368



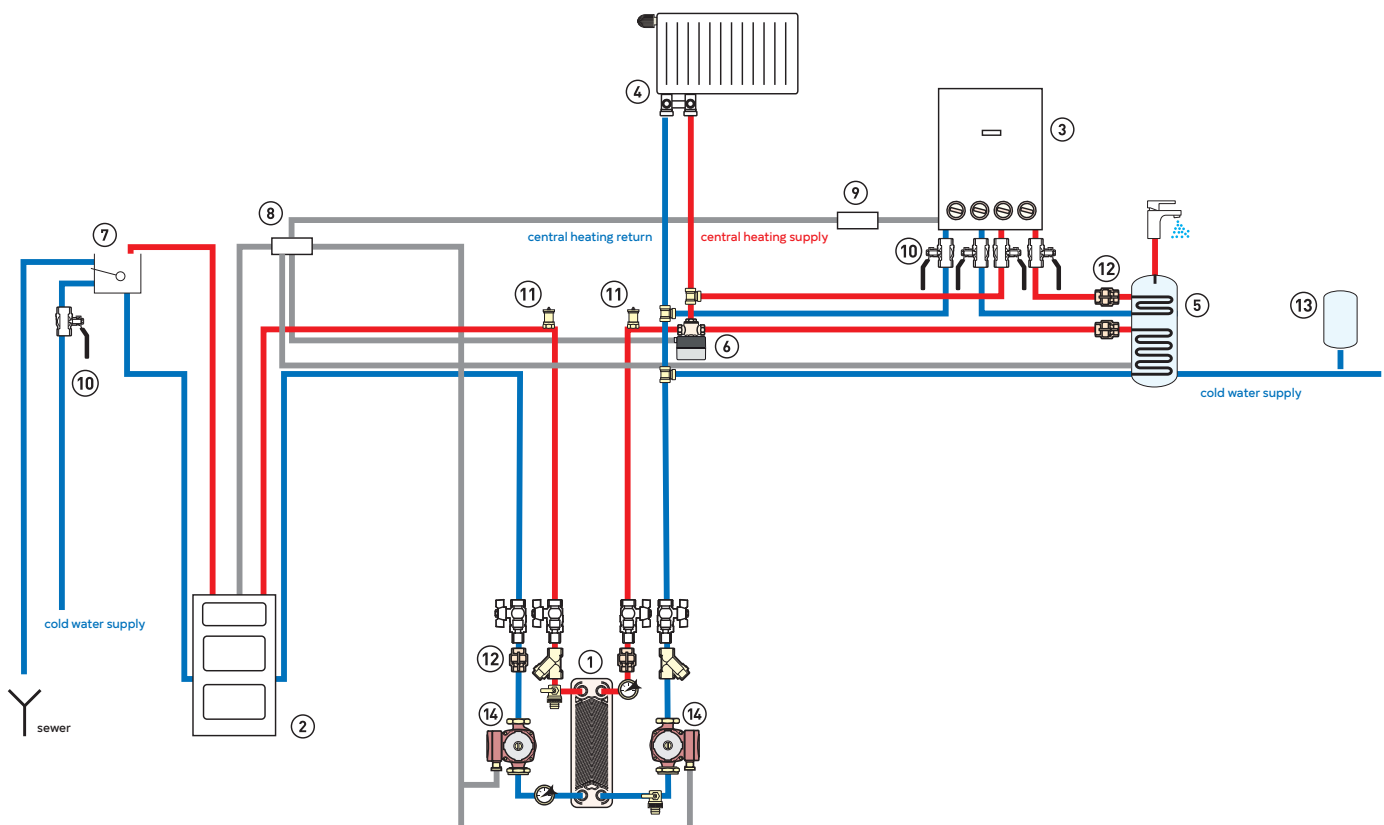
STEEL MANIFOLDS AND HYDRAULIC COUPLING
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PUMP GROUPS / ACCESSORIES
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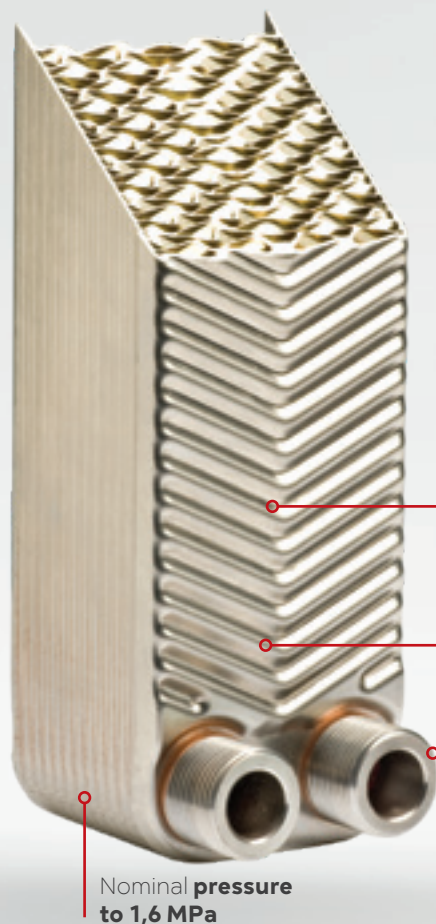
Installation diagram

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

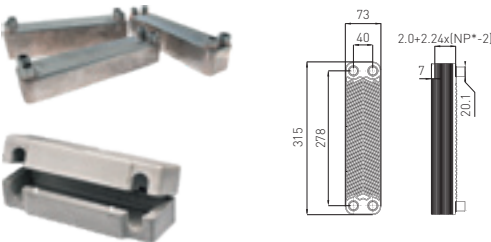





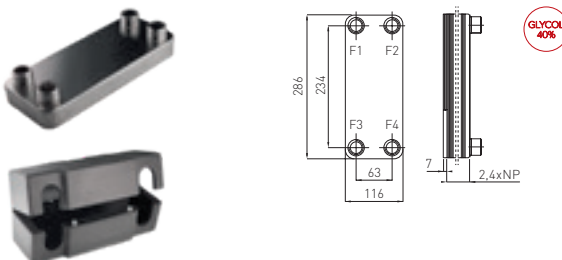



Nominal **pressure**
to **1,6 MPa**

GLYCOL
40%

Operating parameters and scope of application:

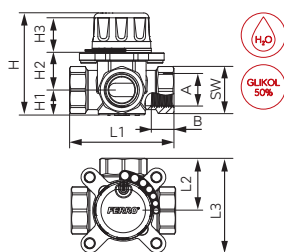
- central heating installations
- thermocouples
- solid fuel boilers
- hot water installations
- solar installations

Flow: 4 m³/h (max)
Working pressure: 16 bar (max)
Working temperature: 135°C (max)
Test pressure: 20 bar
Connections: 3/4" male thread

			Description																																
			<div><div>GLYCOL 40%</div><div>3/4" exchangers<ul style="list-style-type: none">• with insulation for installations with a thermo fireplace or solid fuel boilerApplication:<ul style="list-style-type: none">• central heating systems• thermal chimney• solid fuel boilers• hot water systems• solar systemsCharacteristics:<ul style="list-style-type: none">• 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</div><div><div></div><div>Packaging</div></div></div> <div><table><tr><th>Power range [kW]</th><th>Heat source side [°C]</th><th>Installation side [°C]</th><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>10-15</td><td></td><td></td><td>IC8THx10</td><td>1 pcs</td><td>-</td></tr><tr><td>15-25</td><td>90/70</td><td>50/70</td><td>IC8THx20</td><td>1 pcs</td><td>-</td></tr><tr><td>25-30</td><td>85/65</td><td>45/65</td><td>IC8THx24</td><td>1 pcs</td><td>-</td></tr><tr><td>35-45</td><td>80/60</td><td>40/60</td><td>IC8THx30</td><td>1 pcs</td><td>-</td></tr></table></div>			Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk	10-15			IC8THx10	1 pcs	-	15-25	90/70	50/70	IC8THx20	1 pcs	-	25-30	85/65	45/65	IC8THx24	1 pcs	-	35-45	80/60	40/60	IC8THx30	1 pcs	-
Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk																														
10-15			IC8THx10	1 pcs	-																														
15-25	90/70	50/70	IC8THx20	1 pcs	-																														
25-30	85/65	45/65	IC8THx24	1 pcs	-																														
35-45	80/60	40/60	IC8THx30	1 pcs	-																														
			<div><div>GLYCOL 40%</div><div>Insulated exchangers with insulation for solar systems containing 40% propylene glycol</div><div><div></div><div>Packaging</div></div></div> <div><table><tr><th>Power range [kW]</th><th>Heat source side [°C]</th><th>Installation side [°C]</th><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>4</td><td></td><td></td><td>IC8THx20</td><td>1 pcs</td><td>-</td></tr><tr><td>8</td><td>80/40</td><td>30/65</td><td>IC8THx24</td><td>1 pcs</td><td>-</td></tr><tr><td>12</td><td></td><td></td><td>IC8THx30</td><td>1 pcs</td><td>-</td></tr></table></div>			Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk	4			IC8THx20	1 pcs	-	8	80/40	30/65	IC8THx24	1 pcs	-	12			IC8THx30	1 pcs	-						
Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk																														
4			IC8THx20	1 pcs	-																														
8	80/40	30/65	IC8THx24	1 pcs	-																														
12			IC8THx30	1 pcs	-																														
			<div><div></div><div>Packaging</div></div> <div><table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>IZTH</td><td>1 pcs</td><td>-</td></tr></table></div>			Index	individual	bulk	IZTH	1 pcs	-																								
Index	individual	bulk																																	
IZTH	1 pcs	-																																	
			<div><div>GLYCOL 40%</div><div>1" exchangers with insulation for systems with a thermo fireplace or solid fuel boiler<ul style="list-style-type: none">• central heating systems• thermal chimney• solid fuel boilers• hot water systems• solar systemCharacteristics:<ul style="list-style-type: none">• flow rate: 12 m³/h (max)• working pressure: 30 bar (max)• working temperature: 220°C (max)• testing pressure: 45 bar• connection: 1"</div><div><div></div><div>Packaging</div></div></div> <div><table><tr><th>Power range [kW]</th><th>Heat source side [°C]</th><th>Installation side [°C]</th><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>15-20</td><td></td><td></td><td>IC9THx15</td><td>1 pcs</td><td>-</td></tr><tr><td>20-30</td><td>90/70</td><td>50/70</td><td>IC9THx20</td><td>1 pcs</td><td>-</td></tr><tr><td>30-45</td><td>85/65</td><td>45/65</td><td>IC9THx30</td><td>1 pcs</td><td>-</td></tr></table></div>			Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk	15-20			IC9THx15	1 pcs	-	20-30	90/70	50/70	IC9THx20	1 pcs	-	30-45	85/65	45/65	IC9THx30	1 pcs	-						
Power range [kW]	Heat source side [°C]	Installation side [°C]	Index	individual	bulk																														
15-20			IC9THx15	1 pcs	-																														
20-30	90/70	50/70	IC9THx20	1 pcs	-																														
30-45	85/65	45/65	IC9THx30	1 pcs	-																														
			<div><div></div><div>Packaging</div></div> <div><table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>IZTH1</td><td>1 pcs</td><td>-</td></tr></table></div>			Index	individual	bulk	IZTH1	1 pcs	-																								
Index	individual	bulk																																	
IZTH1	1 pcs	-																																	

MIXING VALVES

Description

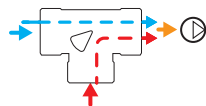


3-way mixing valve

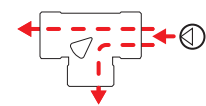
- female
- handle: plastic knob
- material of body and rotor: brass
- material of sealing: EPDM
- nominal pressure: 1,0 MPa (10 bar)
- minimum working temperature: -10°C
- maximum working temperature: 100°C
- required torque: < 1 Nm

NEW

mixing function

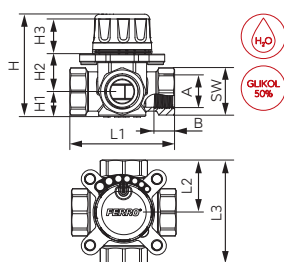


diverting function



Packaging

DN A	B [mm]	L1 [mm]	L2 [mm]	L3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	SW [mm]	Kvs [m³/h]	Index	individual	bulk
25 Rp 1	21	80	40	72,5	78	19	28,5	28	42	9,9	ZMV32	1 pcs	12 pcs
32 Rp 1 1/4	21	90	45	77,5	86	23	32,5	28	49	15,6	ZMV33	1 pcs	12 pcs
40 Rp 1 1/2	26	115	57,5	88,5	97,5	28	39	28	55	21,5	ZMV34	1 pcs	9 pcs
50 Rp 2	22,5	125	62,5	93,5	97,5	28	39	28	66	36,2	ZMV35	1 pcs	9 pcs

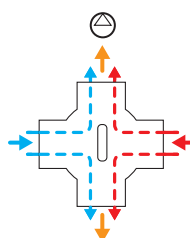


4-way mixing valve

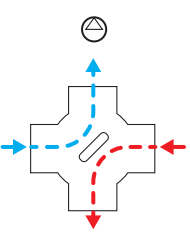
- female
- handle: plastic knob
- material of body and rotor: brass
- material of sealing: EPDM
- nominal pressure: 1,0 MPa (10 bar)
- minimum working temperature: -10°C
- maximum working temperature: 100°C
- required torque: < 1 Nm

NEW

mixing function

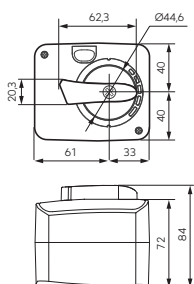


diverting function



Packaging

DN A	B [mm]	L1 [mm]	L2 [mm]	L3 [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	SW [mm]	Kvs [m³/h]	Index	individual	bulk
25 Rp 1	21	80	40	80	78	19	28,5	28	42	11,2	ZMV42	1 pcs	12 pcs
32 Rp 1 1/4	21	90	45	90	78	23	32,5	28	49	17,1	ZMV43	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)

NEW



Packaging

Index	individual	bulk
ZMVA230	1 pcs	18 pcs



Description

Differential valves

- max. instantaneous working temperature: 110°C
- max. working pressure: 0.7 MPa (7 bar)
- EPDM rubber ball
- vertical or horizontal assembly



Packaging

size	Index	individual	bulk
1"	ZR1	1 pcs	15 pcs
1 1/4"	ZR2	1 pcs	16 pcs
1 1/2"	ZR3	1 pcs	12 pcs
2"	ZR4	1 pcs	8 pcs





Description

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



Packaging

Index	Packaging	
	individual	bulk
GP60GPA	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



Packaging

Index	Packaging	
	individual	bulk
GMP602GPA	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

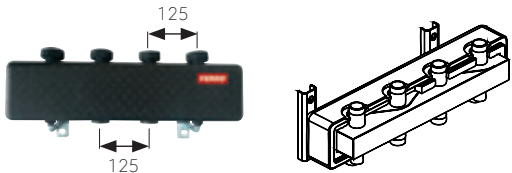

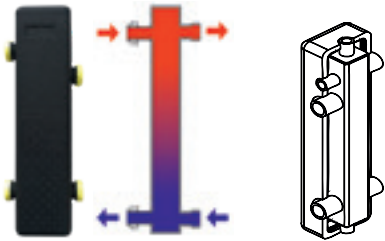

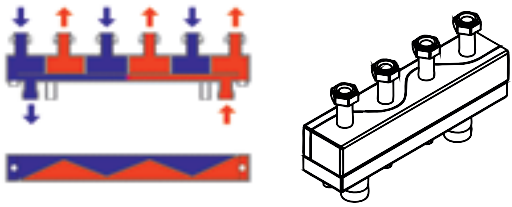

Parameters:

- 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





Packaging

Index	Packaging	
	individual	bulk
GMPT60GPA	1 pcs	-

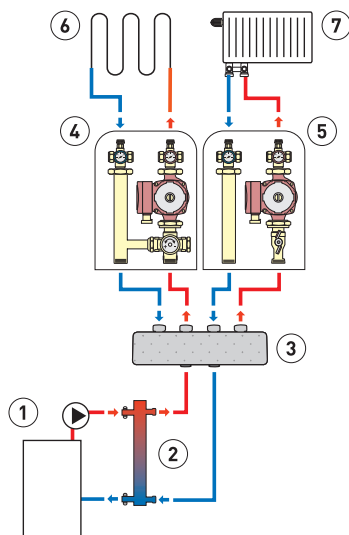
		Description		
		Steel manifold with insulation, mounting kit <ul style="list-style-type: none">• upper connections: 6/4" running nut• lower connections: 6/4" M, flat sealing• flow: 3 m³/h		
			Packaging	
		Index	individual	bulk
2 circuits	RSI02		1 pcs	-
3 circuits	RSI03		1 pcs	-
4 circuits	RSI04		1 pcs	-
5 circuits	RSI05		1 pcs	-
6 circuits	RSI06		1 pcs	-
		Steel hydraulic separator with insulation, mounting kit <ul style="list-style-type: none">• connections 6/4" M, flat sealing		
			Packaging	
		Index	individual	bulk
flow of 3 m³/h	SHI30		1 pcs	-
flow of 4,5 m³/h	SHI45		1 pcs	-
		Hydraulic separator with manifold, insulation, mounting kit <ul style="list-style-type: none">• upper connections: 6/4" running nut• lower connections: 6/4" M, flat gasket• flow: 3 m³/h		
			Packaging	
		Index	individual	bulk
2 circuits	RSHI02		1 pcs	-
3 circuits	RSHI03		1 pcs	-



	Description		
	Mounting console for GP and GMP		
	• with rawplugs		
			
	Packaging		
	Index	individual	bulk
	UCH-GP	1 pcs	-

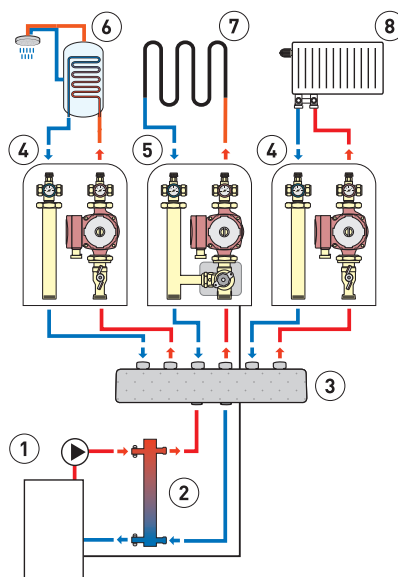
	Description		
	Pressure differential valve 2 - 6.5 m H2O for GMP		
	• for installation in GMP mixing groups • opening pressure: 0.2 - 0.65 bar		
			
	Packaging		
	Index	individual	bulk
	ZRC1	1 pcs	-

Central heating overview installation diagram using GP60GPA, GMPT60GPA, SHI30 and RSI02



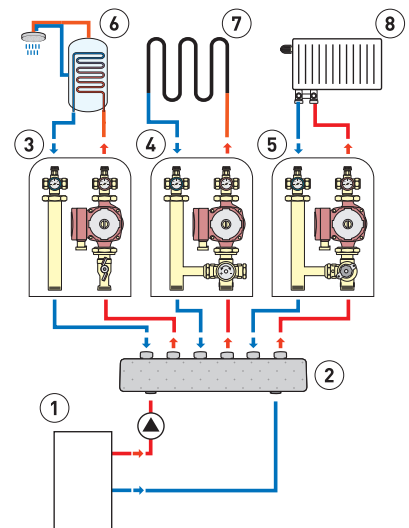
1. Heat source
2. SHI30 hydraulic separator
3. RSI02 directional control valve
4. Thermostatic mixing group GMPT60GPA
5. Mixing group GP60GPA
6. Underfloor heating
7. High-parameter central heating installation

Overview diagram of central heating installation and hot water installations using GP60GPA, GMP602GPA, SHI30 and RSI02



1. Heat source
2. SHI30 hydraulic separator
3. RSI02 manifold
4. Mixing group GP60GPA
5. Mixing group GMP602GPA with SE230 actuator
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 with SE230 actuator
6. Hot water storage tank
7. Underfloor heating
8. High-parameter central heating installation

Pumps

PUMPS



DRINKING WATER CIRCULATION PUMPS
373



CIRCULATION PUMPS
377



Circulation pumps

Highest class of winding resistance to overheating



High-quality electronically commutated motor

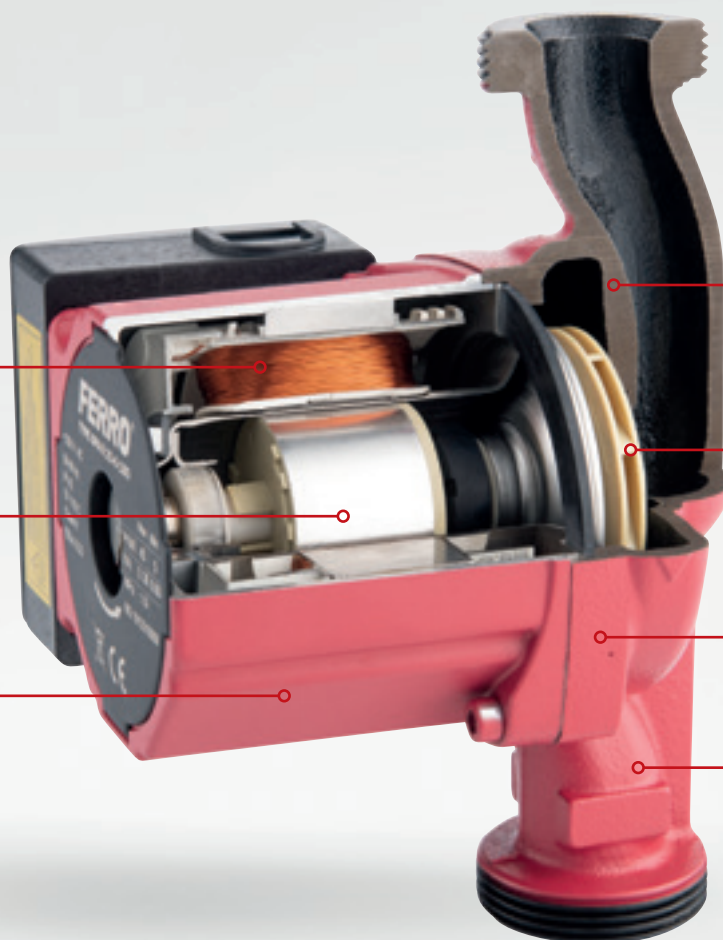
Cast aluminium housing

Robust cast iron body

Impeller made of durable plastic

Maximum pressure 1,0 MPa

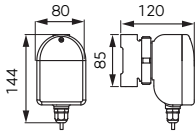
Max. working temperature 110°C



Characteristics:

The pump body is made of cast iron, the casing is cast aluminium and the impeller is plastic moulded. The high-quality bipolar, asynchronous motor does not require overload protection. It has three speeds, regulated by a special switch mounted on the terminal box, which allows to adjust the pump operation to the characteristics of the system. The device complies with European standards EN 60335-1 and EN 60335-2-51.

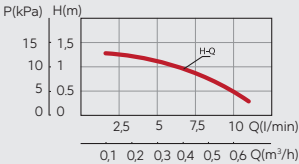
Energy efficiency is one of the main challenges facing modern heating technology. Therefore, FERRO's product portfolio also includes such models - these are energy-efficient, electronic circulation pumps of the latest GPA II generation for heating and solar systems. The GPA II pumps comply with ErP, RoHS, EMC and LVD directives. Depending on the operating mode, the GPA II electronic pumps have two to five times less power requirements compared to manual pumps with the same lifting height. An equally important advantage is the function of automatic adaptation of the pump to the system in which it is installed, which means that it adjusts its efficiency, torque and energy consumption in such a way as to optimize the correct operation of the system. In addition, these devices are equipped with a potentiometer with which we can smoothly control the lifting height of the pump and its capacity.



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

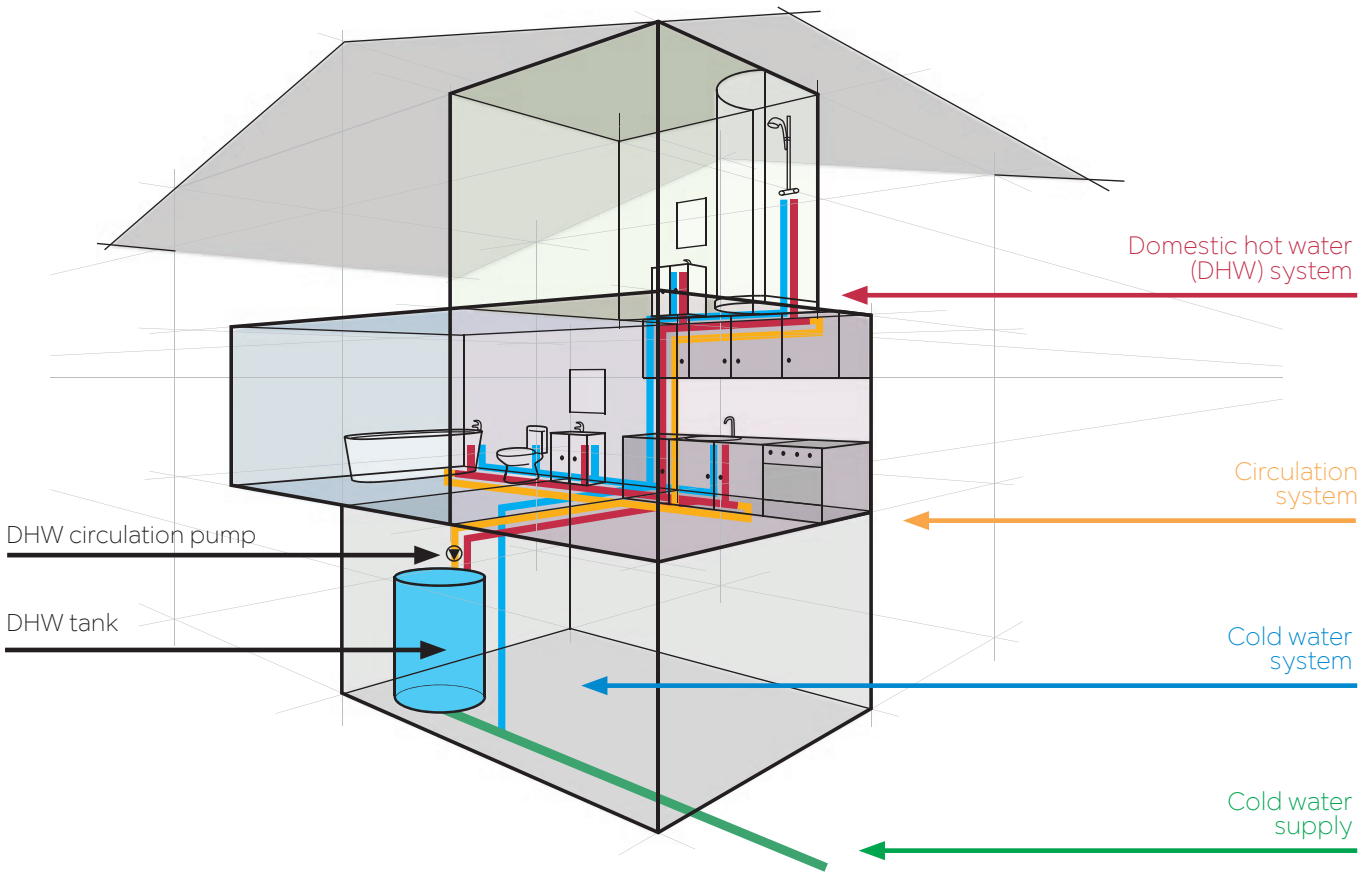


Index

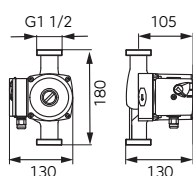
0101W

Packaging

	individual	bulk
	1 pcs	8 pcs

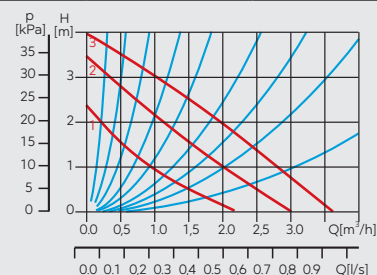


Description


25-40-180 drinking water circulation pump

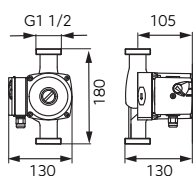
Characteristics:

- 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: axle 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



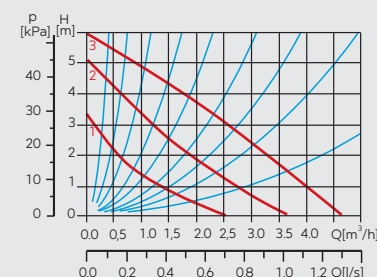
Packaging

Index	individual	bulk
0201W	1 pcs	8 pcs


25-60-180 drinking water circulation pump

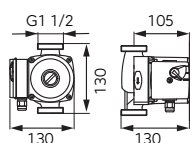
Characteristics:

- Operating range: 0.2 - 4.5 m³/h
- Lifting height: max. 5.5 m
- Liquid temperature: min. +2°C, max. +110°C
- Application: intended exclusively for drinking water
- Maximum pressure: 10 bar
- Protection class: IP 44
- Insulation class: H
- Cable gland: PG 11
- Installation: axle 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



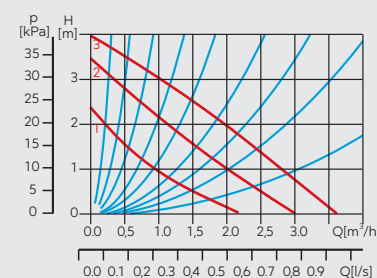
Packaging

Index	individual	bulk
0202W	1 pcs	8 pcs


25-40-130 drinking water circulation pump

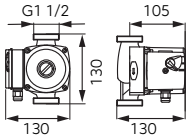
Characteristics:

- 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: axle 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



Packaging

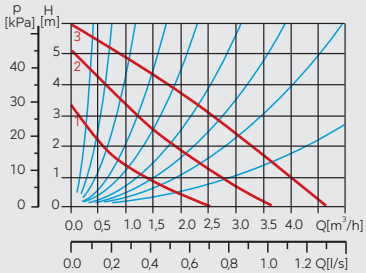
Index	individual	bulk
0203W	1 pcs	8 pcs



Description

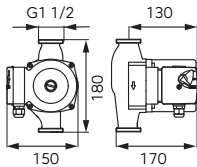
25-60-130 drinking water circulation pump

- 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 exclusively for drinking water
 - 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



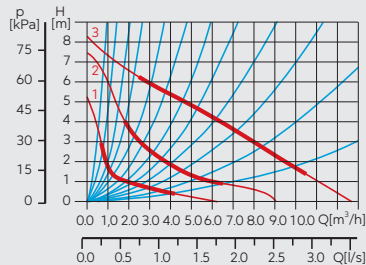
Packaging

Index	individual	bulk
0204W	1 pcs	8 pcs



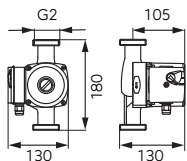
25-80-180 drinking water circulation pump

- 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



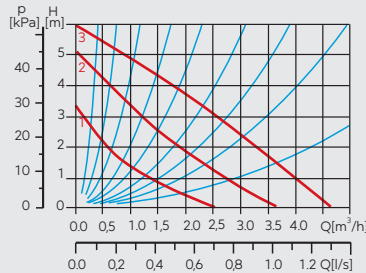
Packaging

Index	individual	bulk
0301W	1 pcs	4 pcs



32-60-180 drinking water circulation pump

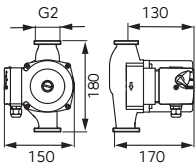
- Characteristics:
- Operating range: 0.2 - 4.5 m³/h
 - Lifting height: max. 5.5 m
 - Liquid temperature: min. +2°C, max. +110°C
 - Application: intended exclusively for drinking water
 - Maximum pressure: 10 bar
 - Protection class: IP 44
 - Insulation class: H
 - Cable gland: PG 9
 - Installation: 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



Packaging

Index	individual	bulk
0302W	1 pcs	8 pcs

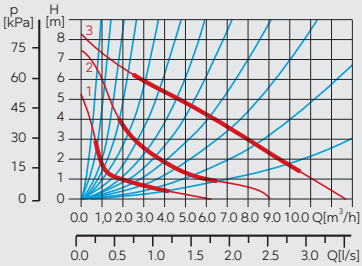




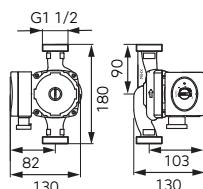
Description

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: axle 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

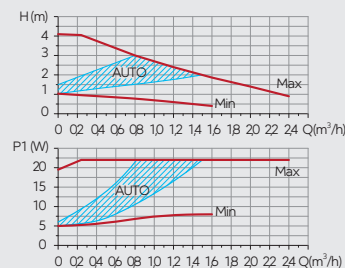


Index	Packaging	
	individual	bulk
0401W	1 pcs	4 pcs

**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%

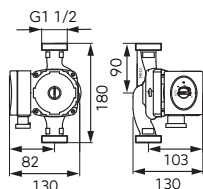
**Index****0601W****Packaging**

individual

1 pcs

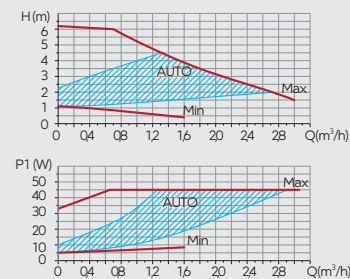
bulk

4 pcs

**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%

**Index****0602W****Packaging**

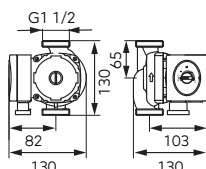
individual

1 pcs

bulk

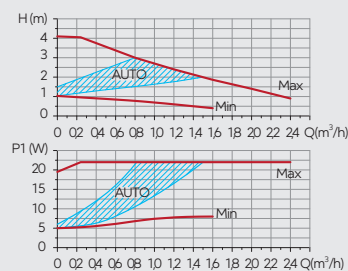
4 pcs



**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%

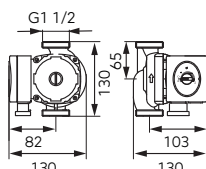
**Index****0603W****Packaging**

individual

1 pcs

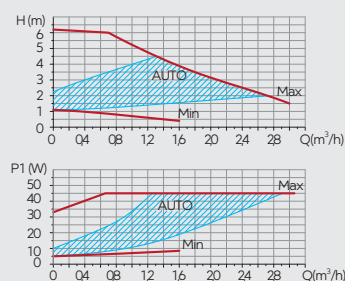
bulk

4 pcs

**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%

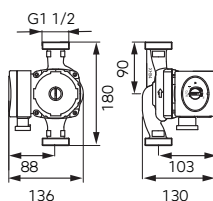
**Index****0604W****Packaging**

individual

1 pcs

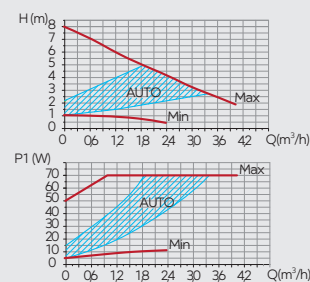
bulk

4 pcs

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%

**Packaging****Index**

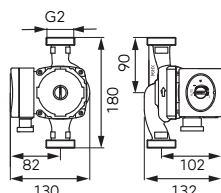
individual

bulk

0605W

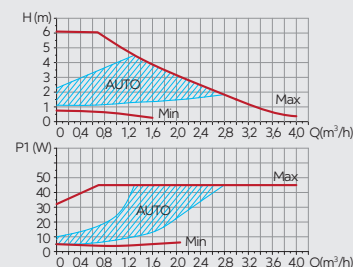
1 pcs

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
- voltage: ~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%

**Packaging****Index**

individual

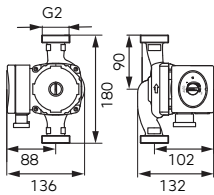
bulk

0606W

1 pcs

4 pcs

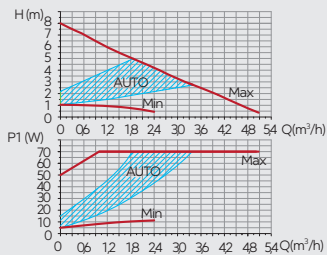




Description

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%



Index	Packaging	
	individual	bulk
0607W	1 pcs	4 pcs

Pex system

PEX SYSTEM



**RURY
PEX-AL-PEX**
382



ZŁĄCZKI ZACISKOWE
383








Pex system









Characteristics:

- external diameter Ø16 mm
- wall thickness: 2 mm
- material: PEXb-AL-PEXb, internal and outer layer
- AL layer thickness: 0.2 mm
- max. working pressure: 1.0 MPa (PN10)
- max. working temperature: 95°C
- TIG butt welding
- packaging: 200 m rolls

		Description		
		PEX-AL-PEX 16x2 mm multilayer pipe		
		<ul style="list-style-type: none">• external diameter: Ø16 mm• wall thickness: 2 mm• material: PEX_b-AL-PEX_b, both inner and outer layers cross-linked• AL layer thickness: 0.2 mm• max. working pressure: 10 bar (PN10)• max. working temperature: 95°C• TIG butt welding• packaging: 200 m rolls• application in the construction industry:• drinking water installations• floor heating• connection of central heating radiators• hot water• cold water• compressed air		
		Packaging		
Index		individual	bulk	
PEX16				-

		1/2" threaded compression fitting		
		<ul style="list-style-type: none">• for 16 x 2 mm multilayer pipes		
				
		Packaging		
Index		individual	bulk	Retail
ZL15PEXAL		1 set (2 pcs)	50 set	Index
				ZL15PEXAL










		1/2" threaded compression fitting		
		<ul style="list-style-type: none">• for 16 x 2 mm homogeneous plastic pipes		
				
		Packaging		
Index		individual	bulk	Retail
ZL15PEX		1 set (2 pcs)	50 set	Index
				ZL15PEX

		1/2" threaded compression fitting		
		<ul style="list-style-type: none">• for 15 mm copper pipes		
				
		Packaging		
Index		individual	bulk	Retail
ZL15CU15		1 set (2 pcs)	50 set	Index
				ZL15CU15

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



COMPRESSION FITTINGS

		Description		
		3/4" threaded compression fitting • for 16 × 2 mm multilayer pipes		
				
		Packaging		Retail
		Index	individual	bulk
set – 2 pcs.		1 set (2 pcs)	130 set	67861612Y
		3/4" threaded compression fitting • for 16 × 2 mm homogeneous plastic pipes		
				
		Packaging		Retail
		Index	individual	bulk
set – 2 pcs.		1 set (2 pcs)	130 set	67841612Y
		3/4" threaded compression fitting • for 15 mm copper pipes		
				
		Packaging		Retail
		Index	individual	bulk
set – 2 pcs.		1 set (2 pcs)	130 set	67761500Y


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, N10POR-C7







Compression fitting


• with 1/2" male thread

• with O-ring, for 15 mm copper pipes



		Packaging		Retail
	Index	individual	bulk	Index
chrome	ZL1501C	1 pcs	10 pcs	ZL1501CW
nickel	ZL1501N	-	10 pcs	







Compression fitting

• with 1/2" male thread

• with O-ring, for 16 x 2 mm multilayer pipes




		Packaging		
	Index	individual	bulk	
chrome	ZL1601C	1 pcs	10 pcs	
nickel	ZL1601N	1 pcs	10 pcs	



G3/4xG1/2 radiator nipple

• with O-ring

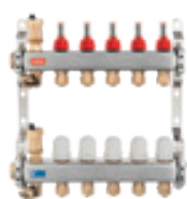


		Packaging		Retail
	Index	individual	bulk	Index
flat gasket	69190000Y	100 pcs	800 pcs	69190000YW
conical gasket	69190001Y	100 pcs	800 pcs	69190001YW

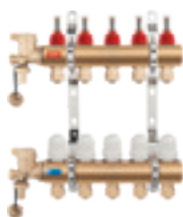


Manifolds and accessories

MANIFOLDS



**STAINLESS STEEL
MANIFOLDS**
388



**BRASS
MANIFOLDS**
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**EXTENSION KITS FOR
MANIFOLDS**
396



**MANIFOLD
CABINETS**
402



**MIXING
GROUPS**
404

SANITARY MANIFOLDS

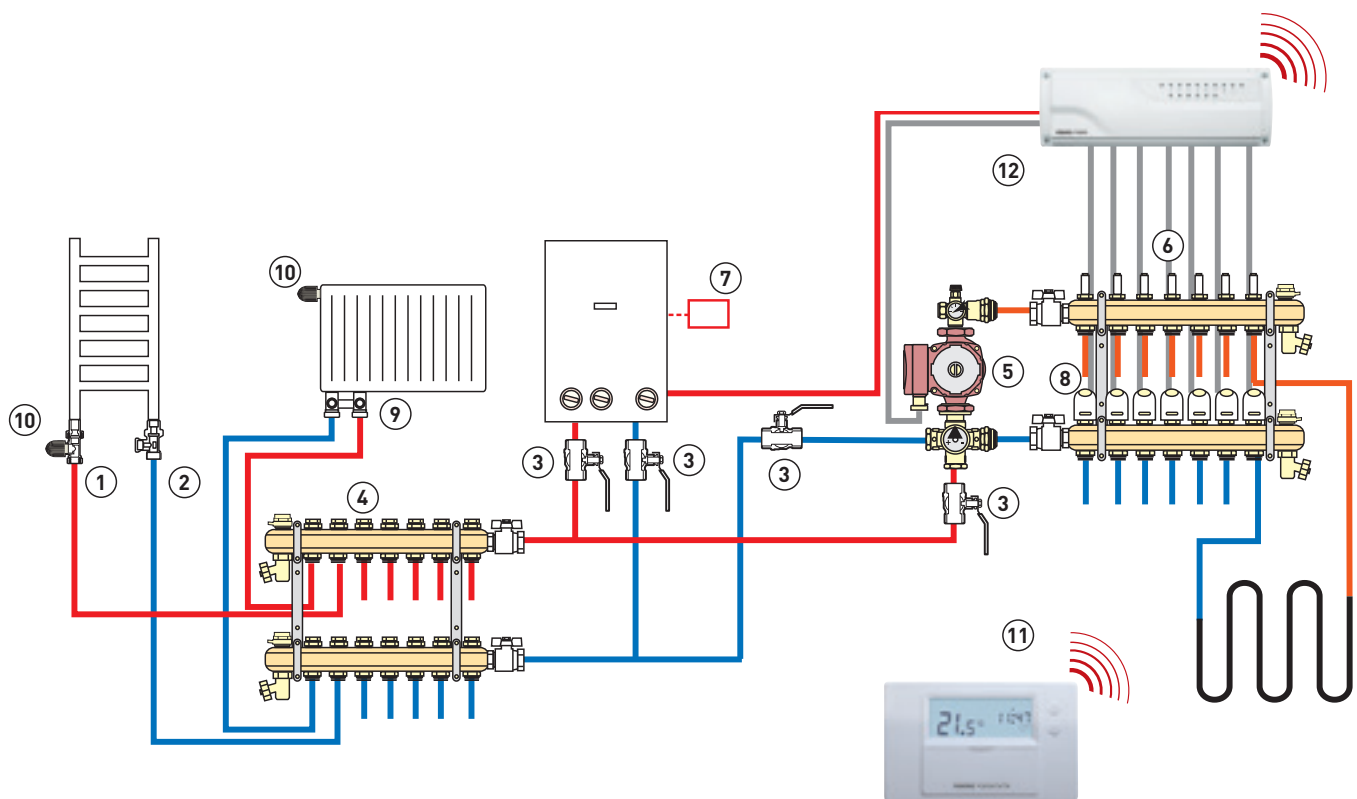


**SANITARY
MANIFOLDS**
408

Installation diagram

Mixed systems combining floor heating with a traditional radiator system

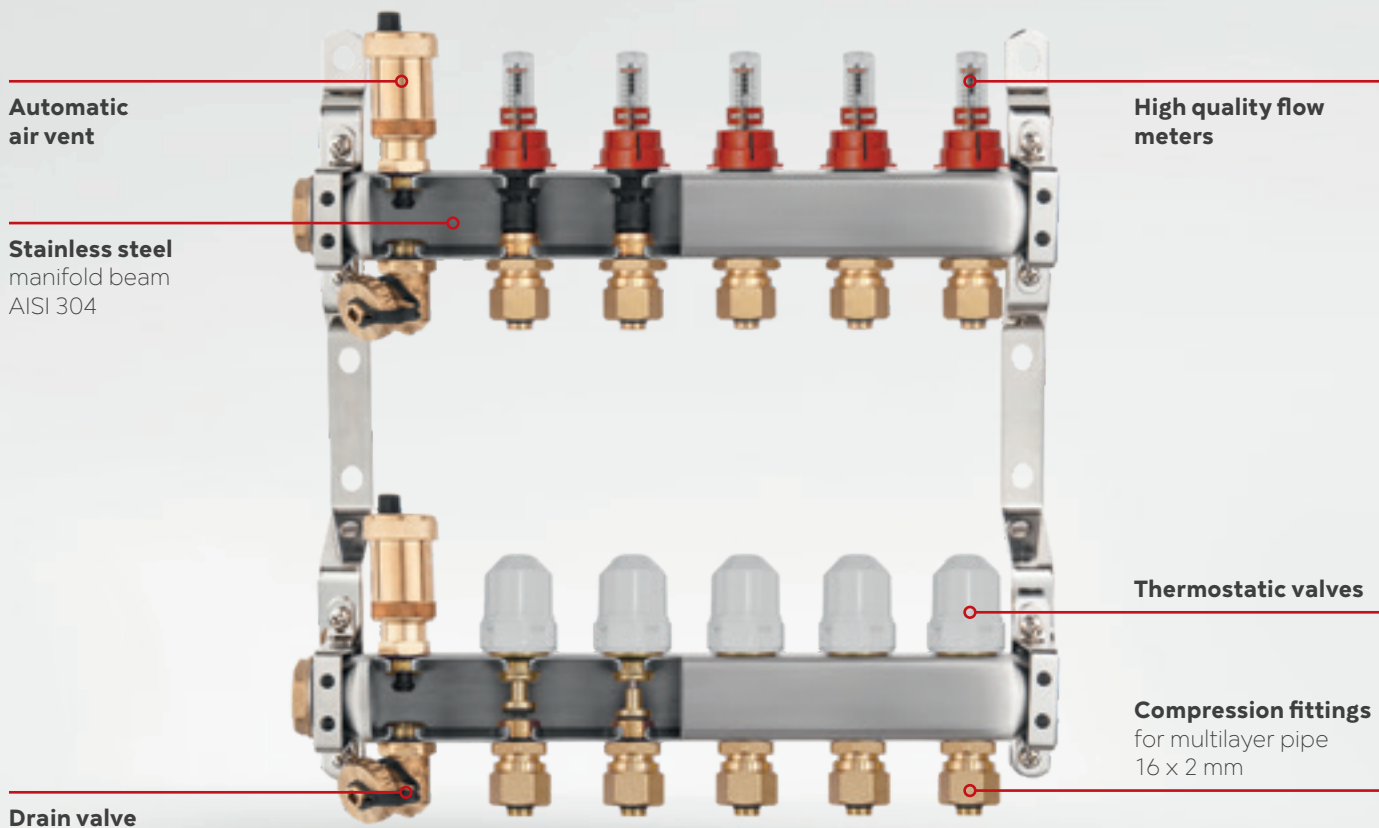
- overview



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

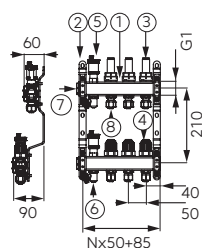
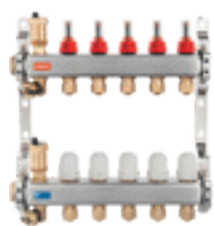


Advantages:

- 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.



Description

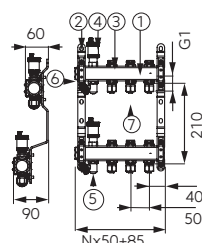
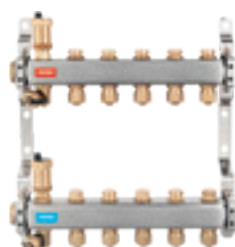
SN-RZP 1" manifold

- 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)



Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	SN-RZP02S	1 pcs	-
1" 3-way manifold	SN-RZP03S	1 pcs	-
1" 4-way manifold	SN-RZP04S	1 pcs	-
1" 5-way manifold	SN-RZP05S	1 pcs	-
1" 6-way manifold	SN-RZP06S	1 pcs	-
1" 7-way manifold	SN-RZP07S	1 pcs	-
1" 8-way manifold	SN-RZP08S	1 pcs	-
1" 9-way manifold	SN-RZP09S	1 pcs	-
1" 10-way manifold	SN-RZP10S	1 pcs	-
1" 11-way manifold	SN-RZP11S	1 pcs	-
1" 12-way manifold	SN-RZP12S	1 pcs	-

**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)

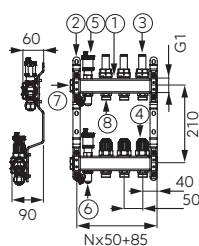
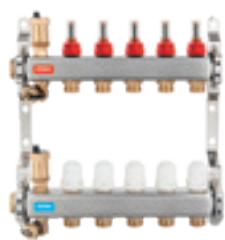


Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	SN-RO02S	1 pcs	-
1" 3-way manifold	SN-RO03S	1 pcs	-
1" 4-way manifold	SN-RO04S	1 pcs	-
1" 5-way manifold	SN-RO05S	1 pcs	-
1" 6-way manifold	SN-RO06S	1 pcs	-
1" 7-way manifold	SN-RO07S	1 pcs	-
1" 8-way manifold	SN-RO08S	1 pcs	-
1" 9-way manifold	SN-RO09S	1 pcs	-
1" 10-way manifold	SN-RO10S	1 pcs	-
1" 11-way manifold	SN-RO11S	1 pcs	-
1" 12-way manifold	SN-RO12S	1 pcs	-



STAINLESS STEEL MANIFOLDS



Description

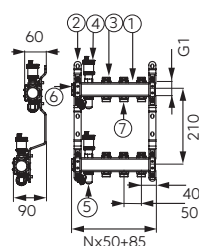
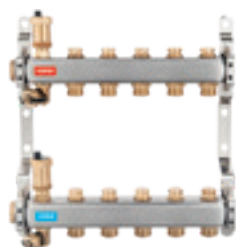
SN-RZPU 1" manifold

- 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)



Packaging

	Index	individual	bulk
1" 2-way manifold	SN-RZPU02S	1 pcs	-
1" 3-way manifold	SN-RZPU03S	1 pcs	-
1" 4-way manifold	SN-RZPU04S	1 pcs	-
1" 5-way manifold	SN-RZPU05S	1 pcs	-
1" 6-way manifold	SN-RZPU06S	1 pcs	-
1" 7-way manifold	SN-RZPU07S	1 pcs	-
1" 8-way manifold	SN-RZPU08S	1 pcs	-
1" 9-way manifold	SN-RZPU09S	1 pcs	-
1" 10-way manifold	SN-RZPU10S	1 pcs	-
1" 11-way manifold	SN-RZPU11S	1 pcs	-
1" 12-way manifold	SN-RZPU12S	1 pcs	-



SN-ROU 1" manifold

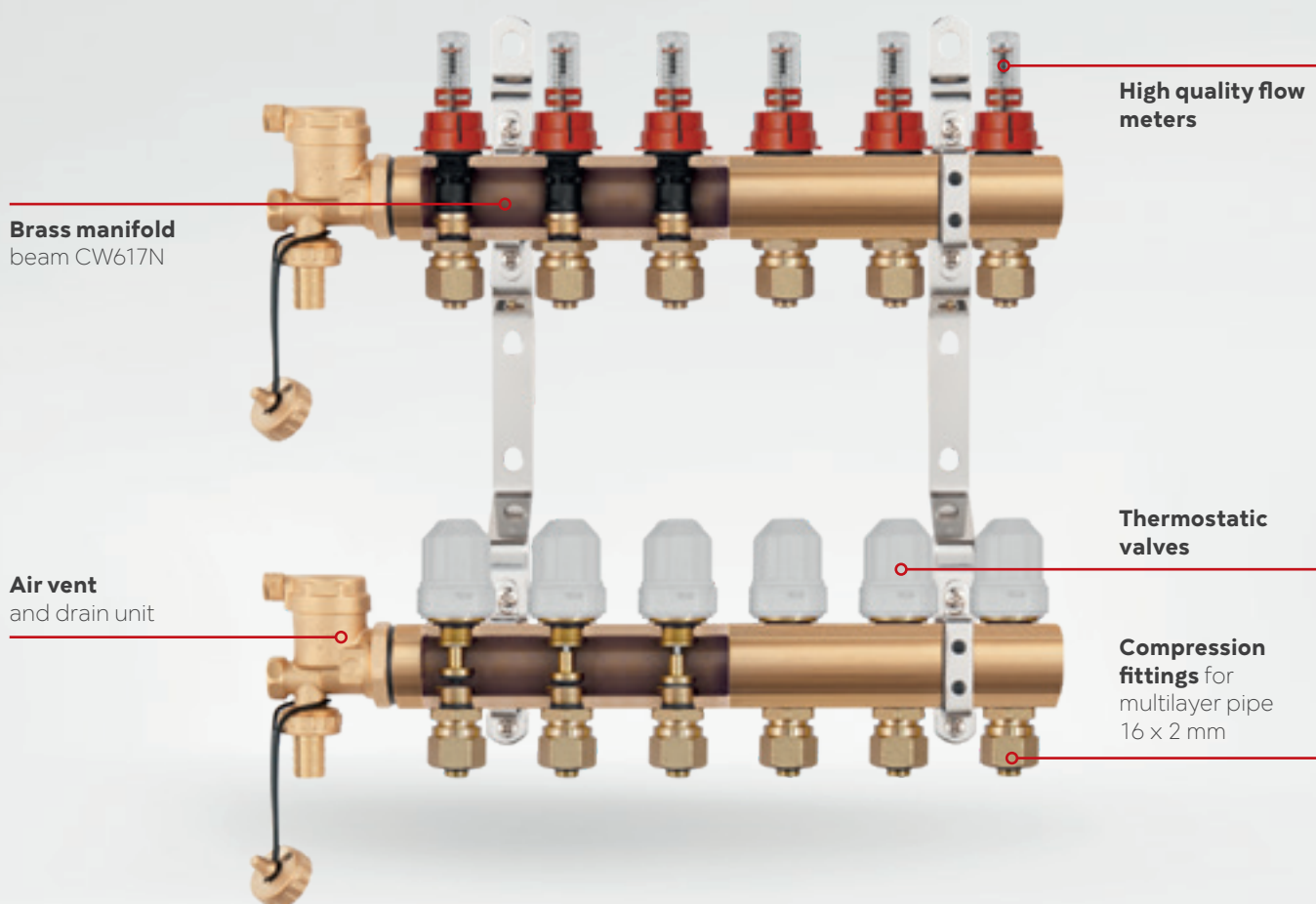
- 2 - 12-way bar, 2 pcs (1)
- set of steel brackets (2)
- cut-off valves on supply and return bar (3)
- G1/2 automatic vent valves, 2 pcs (4)
- G1/2 swivel drain valves, 2 pcs (5)
- G1 brass plugs, 2 pcs (6)
- G1/2 x G3/4 nipples (7)



Packaging

	Index	individual	bulk
1" 2-way manifold	SN-ROU02S	1 pcs	-
1" 3-way manifold	SN-ROU03S	1 pcs	-
1" 4-way manifold	SN-ROU04S	1 pcs	-
1" 5-way manifold	SN-ROU05S	1 pcs	-
1" 6-way manifold	SN-ROU06S	1 pcs	-
1" 7-way manifold	SN-ROU07S	1 pcs	-
1" 8-way manifold	SN-ROU08S	1 pcs	-
1" 9-way manifold	SN-ROU09S	1 pcs	-
1" 10-way manifold	SN-ROU10S	1 pcs	-
1" 11-way manifold	SN-ROU11S	1 pcs	-
1" 12-way manifold	SN-ROU12S	1 pcs	-

Brass manifolds



Advantages:

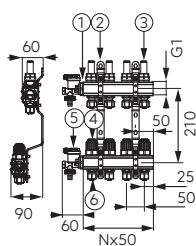
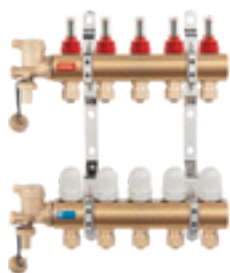
- precise and robust design
- high quality materials
- 11 models of each type
- execution: brass CW617N (manifold beams)

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.



BRASS MANIFOLDS



Description

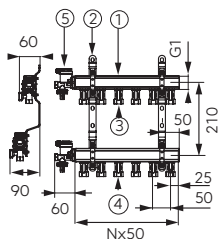
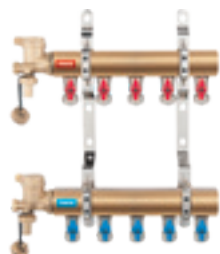
N-RZP 1" manifold

- 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)



Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	N-RZP02S	1 pcs	-
1" 3-way manifold	N-RZP03S	1 pcs	-
1" 4-way manifold	N-RZP04S	1 pcs	-
1" 5-way manifold	N-RZP05S	1 pcs	-
1" 6-way manifold	N-RZP06S	1 pcs	-
1" 7-way manifold	N-RZP07S	1 pcs	-
1" 8-way manifold	N-RZP08S	1 pcs	-
1" 9-way manifold	N-RZP09S	1 pcs	-
1" 10-way manifold	N-RZP10S	1 pcs	-
1" 11-way manifold	N-RZP11S	1 pcs	-
1" 12-way manifold	N-RZP12S	1 pcs	-



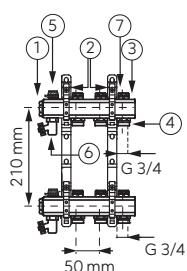
N-RO 1" manifold

- 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)



Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	N-RO02S	1 pcs	-
1" 3-way manifold	N-RO03S	1 pcs	-
1" 4-way manifold	N-RO04S	1 pcs	-
1" 5-way manifold	N-RO05S	1 pcs	-
1" 6-way manifold	N-RO06S	1 pcs	-
1" 7-way manifold	N-RO07S	1 pcs	-
1" 8-way manifold	N-RO08S	1 pcs	-
1" 9-way manifold	N-RO09S	1 pcs	-
1" 10-way manifold	N-RO10S	1 pcs	-
1" 11-way manifold	N-RO11S	1 pcs	-
1" 12-way manifold	N-RO12S	1 pcs	-



Description

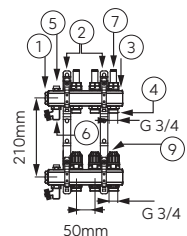
RO 1" manifold

- 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)
- G1/2 x G3/4 nipples (4)



Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	RO02S	1 pcs	-
1" 3-way manifold	RO03S	1 pcs	-
1" 4-way manifold	RO04S	1 pcs	-
1" 5-way manifold	RO05S	1 pcs	-
1" 6-way manifold	RO06S	1 pcs	-
1" 7-way manifold	RO07S	1 pcs	-
1" 8-way manifold	RO08S	1 pcs	-
1" 9-way manifold	RO09S	1 pcs	-
1" 10-way manifold	RO10S	1 pcs	-
1" 11-way manifold	RO11S	1 pcs	-
1" 12-way manifold	RO12S	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)



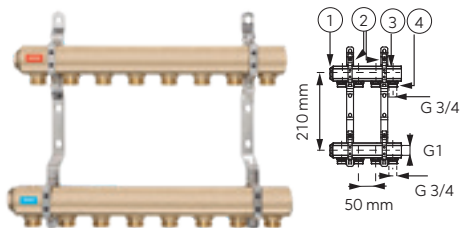
Packaging

	Index	Packaging	
		individual	bulk
1" 2-way manifold	RZP02S	1 pcs	-
1" 3-way manifold	RZP03S	1 pcs	-
1" 4-way manifold	RZP04S	1 pcs	-
1" 5-way manifold	RZP05S	1 pcs	-
1" 6-way manifold	RZP06S	1 pcs	-
1" 7-way manifold	RZP07S	1 pcs	-
1" 8-way manifold	RZP08S	1 pcs	-
1" 9-way manifold	RZP09S	1 pcs	-
1" 10-way manifold	RZP10S	1 pcs	-
1" 11-way manifold	RZP11S	1 pcs	-
1" 12-way manifold	RZP12S	1 pcs	-



BRASS MANIFOLDS

Description



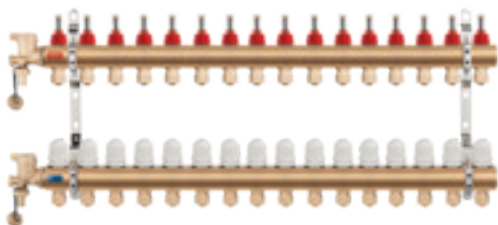
RPN 1" manifold with nipples

- 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)



Packaging

	Index	individual	bulk
1" 2-way manifold	RPN02	1 pcs	-
1" 3-way manifold	RPN03	1 pcs	-
1" 4-way manifold	RPN04	1 pcs	-
1" 5-way manifold	RPN05	1 pcs	-
1" 6-way manifold	RPN06	1 pcs	-
1" 7-way manifold	RPN07	1 pcs	-
1" 8-way manifold	RPN08	1 pcs	-
1" 9-way manifold	RPN09	1 pcs	-
1" 10-way manifold	RPN10	1 pcs	-
1" 11-way manifold	RPN11	1 pcs	-
1" 12-way manifold	RPN12	1 pcs	-



Manifold type N-RZP 13-16 1"

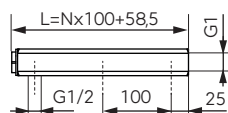
- distributor bar 13 – 16 ways, 2 pcs. (1)
- set of steel handles (2)
- flow meters for regulating flows on the bar supply, range 0-2.5 l/min (3)
- thermostatic valves on the return beam equipped with knobs for manual adjustment possibility of connecting a thermoelectric head (4)
- G1 air and drain units 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)

NEW



Packaging

	Index	individual	bulk
1" 13-way manifold	N-RZP13S	1 pcs	-
1" 14-way manifold	N-RZP14S	1 pcs	-
1" 15-way manifold	N-RZP15S	1 pcs	-
1" 16-way manifold	N-RZP16S	1 pcs	-



Description

RMD 1" manifold bar

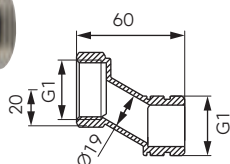
NEW

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



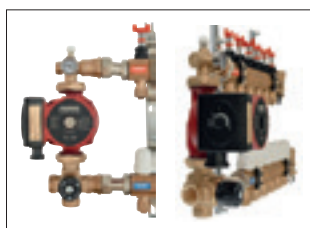
Packaging

	Index	individual	bulk
1" 2-way manifold bar	RMD02	1 pcs	-
1" 3-way manifold bar	RMD03	1 pcs	-
1" 4-way manifold bar	RMD04	1 pcs	-
1" 5-way manifold bar	RMD05	1 pcs	-
1" 6-way manifold bar	RMD06	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


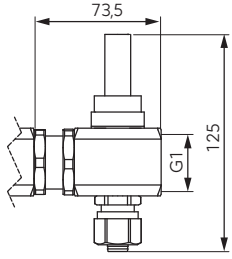


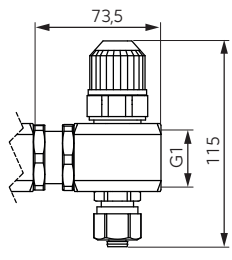


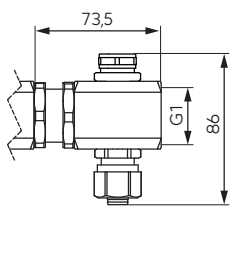


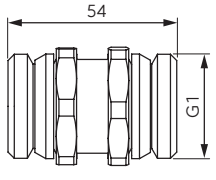




Packaging


Index	individual	bulk
MR-SET	1 set (2 pcs)	-




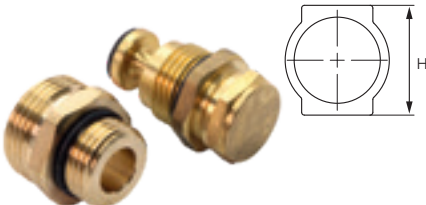
MANIFOLD ACCESSORIES

Description		
 	1" extension kit for the distributor, with flow meter	NEW
	<ul style="list-style-type: none">• 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	
		
Packaging		
Index	individual	bulk
N-RKPP-EXT	1 pcs	-
 	1" extension kit for the distributor, with thermostatic valve	NEW
	<ul style="list-style-type: none">• 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	
		
Packaging		
Index	individual	bulk
N-RKPT-EXT	1 pcs	-
 	1" extension kit for the distributor, with shut-off valve	NEW
	<ul style="list-style-type: none">• shut-off valve• G1/2 nipple with a connector for a 16x2 mm multilayer pipe• 1" nipple with seal included	
		
Packaging		
Index	individual	bulk
N-RKPO-EXT	1 pcs	-
 	Brass nipple with seal 1"	NEW
		
Packaging		
Index	individual	bulk
N05ZOR	1 pcs	-

		Description	
		1/2" balancing and measuring valve (flowmeter) + 1/2"x3/4" nipple	
		Packaging	
H [mm]	Index	individual	bulk
39	RKPP-SET39	1 pcs	-



		1/2" balancing and measuring valve (flowmeter) + 1/2"x1/2" nipple + compression fitting for 16x2 mm multilayer pipes • profile: 39 mm	
		Packaging	
		individual	bulk
		1 pcs	-



		Thermostatic insert M30x1.5 + 1/2" x 3/4" nipple	
		Packaging	
H [mm]	Index	individual	bulk
39	RKPT-SET39	1 pcs	-


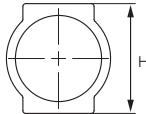
		Cut-off valve + 1/2" x 3/4" nipple	
		Packaging	
H [mm]	Index	individual	bulk
39	RKPO-SET39	1 pcs	-





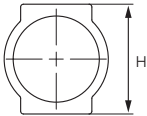


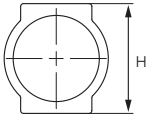

MANIFOLD ACCESSORIES

		Description	
		1/2" balancing and measuring valve (flowmeter)	
		<ul style="list-style-type: none">• 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	
		Packaging	
Index		individual	bulk
RKPP_T		1 pcs	100 pcs

		1/2" balancing and measuring valve (flowmeter)	
		<ul style="list-style-type: none">• 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	
		Packaging	
Index		individual	bulk
RKPP_TP		1 pcs	-





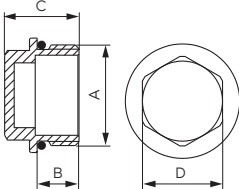
 	1/2" x 3/4" nipple for RKPP_T flow meters		
		Packaging	
Index		individual	bulk
N10POR-C7		1 pcs	-

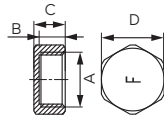
	1/2" x 1/2" nipple for RKPP_TP flowmeters		
	<ul style="list-style-type: none">• profile: 39 mm• compression fitting for 16x2 mm multilayer fittings included		
		Packaging	
Index		individual	bulk
N10PORT-C7NEW		1 pcs	-

Description			
 	1/2" cut-off valve for the manifold	Packaging	
		individual	bulk
H [mm]	Index	individual	bulk
39	RKPO1-C7	1 pcs	-
	Thermostatic insert knob M30 x 1.5	Packaging	
		individual	bulk
	Index	individual	bulk
	RKPT2	1 pcs	-
 	Thermostatic insert M30 x 1.5	Packaging	
		individual	bulk
H [mm]	Index	individual	bulk
39	RKPT1-C7	1 pcs	-
	Nipple for thermostatic insert or cut-off valve • compression fitting for 16x2 mm multilayer fittings included	Packaging	
		individual	bulk
1/2" x 1/2"	Index	individual	bulk
	N10ZORZL-C7NEW	1 pcs	-



MANIFOLD ACCESSORIES

				Description		
				Nipple for thermostatic insert or cut-off valve		
				Packaging		
Index				individual	bulk	
1/2" x 3/4"				N10ZOR	1 pcs	-
				1/2"swivel drain valve with O-ring		
				• max. working pressure: 10 bar • max. working temperature: 100°C		
				Packaging		
Index				individual	bulk	
				ZSR1	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		
				Packaging		
Index				individual	bulk	
				O2SZSR-C7NEW	1 pcs	-
 				1" manifold plug with O-ring		
				Packaging		
Index				individual	bulk	
A	B(mm)	C(mm)	D(mm)	NEW		
3/4"	11	19,5	21		1 pcs.	10 pcs
1"	10,5	19,5	28		1 pcs	10 pcs



Brass cap with fl at gasket



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



Packaging


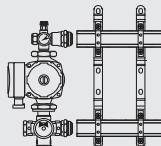
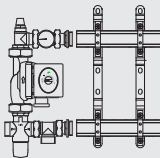
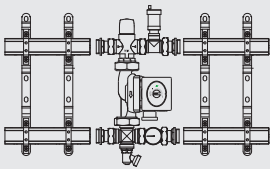




LC10Y

1 pcs

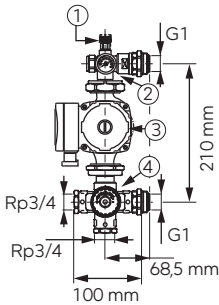
40 pcs

MANIFOLD CABINETS

				Description				
				Flush-mounted depth-adjustable cabinet with front panel <ul style="list-style-type: none">• made entirely of 0.8 mm galvanized sheet metal• laser-cut• removable powder coated front panel• colour: white• adjustable depth• adjustable height• manifold mounting strips included in the set• coin lock system				
				Packaging				
Outside width [mm]	Inside width [mm]	Height [mm]	Depth [mm]	Index	individual	bulk		
380	335	575 - 665	110 - 175	SZP-0	1 pcs	-		
480	435			SZP-1	1 pcs	-		
610	565			SZP-2	1 pcs	-		
760	715			SZP-3	1 pcs	-		
840	795			SZP-4	1 pcs	-		
1010	965			SZP-5	1 pcs	-		
1100	1085			SZP-6	1 pcs	-		
				Surface mounted cabinet 120 mm or 170 mm <ul style="list-style-type: none">• made entirely of 0.8 mm galvanized sheet metal• laser-cut• removable powder coated front panel• colour: white• manifold mounting strips included in the set• coin lock system				
				Packaging				
Outside width [mm]	Inside width [mm]	Height [mm]	Depth [mm]	Index	individual	bulk		
385	355	580	120	SZN-0	1 pcs	-		
485	455			SZN-1	1 pcs	-		
615	585			SZN-2	1 pcs	-		
760	730			SZN-3	1 pcs	-		
845	815			SZN-4	1 pcs	-		
1015	985			SZN-5	1 pcs	-		
1125	1095		SZN-6	1 pcs	-			
615	585		170	SZN-2-170	1 pcs	-		
845	815			SZN-4-170	1 pcs	-		
1125	1095			SZN-6-170	1 pcs	-		
 				Shelf for mounting control unit <ul style="list-style-type: none">• enables installing actuator control unit in cabinet close to the manifold• suitable for wall-mounted and flush-mounted cabinets• universal DIN 35 rail• set including montage rails, rubber grommets and wing screws• material: galvanized steel 0,8 mm thick				
				Packaging				
				Index	individual	bulk		
				SZL01	1 pcs	6 pcs		

Index		R	R+GM	R+ GM1F	R+GM2F
					
	SZP-0	2	-	-	-
	SZP-1	5	2	2	-
	SZP-2	8	5	4	-
	SZP-3	10	8	7	6
	SZP-4	12	10	8	8
	SZP-5	15	13	12	11
	SZP-6	17	15	14	14
	SZN-0	2	-	-	-
	SZN-1	5	-	-	-
	SZN-2	8	-	-	-
	SZN-3	10	-	-	-
	SZN-4	12	-	-	-
	SZN-5	15	-	-	-
	SZN-6	17	-	-	-
	SZN-2-170	8	5	4	-
	SZN-4-170	12	10	8	8
	SZN-6-170	17	15	14	14
		maximum number of manifold circuits			maximum circuit total of two manifolds
	SZL01	When using the shelf for mounting the control unit values from the table should be reduced by 3 circuits.			





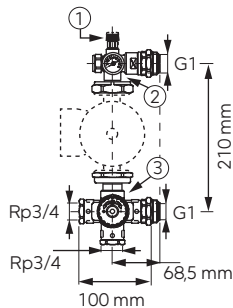
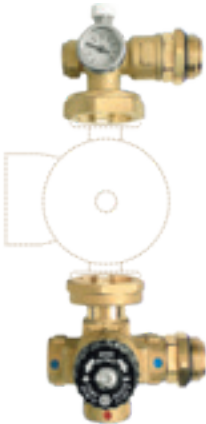
Description

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	Packaging	
	individual	bulk
with electronic pump 25-4-130 GPAll, Q _{max} = 2,4 m³/h	GM40GPA 1 pcs	-
with electronic pump 25-6-130 GPAll, Q _{max} = 3,0 m³/h	GM60GPA 1 pcs	-

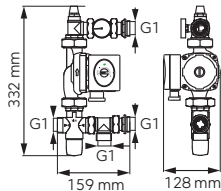


1" manifold mixing group for 130 mm pump

- 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	Packaging	
	individual	bulk
GM-WP	1 pcs	-



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

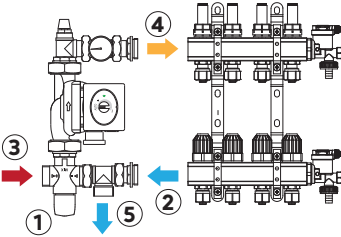
Advantages:

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



Packaging

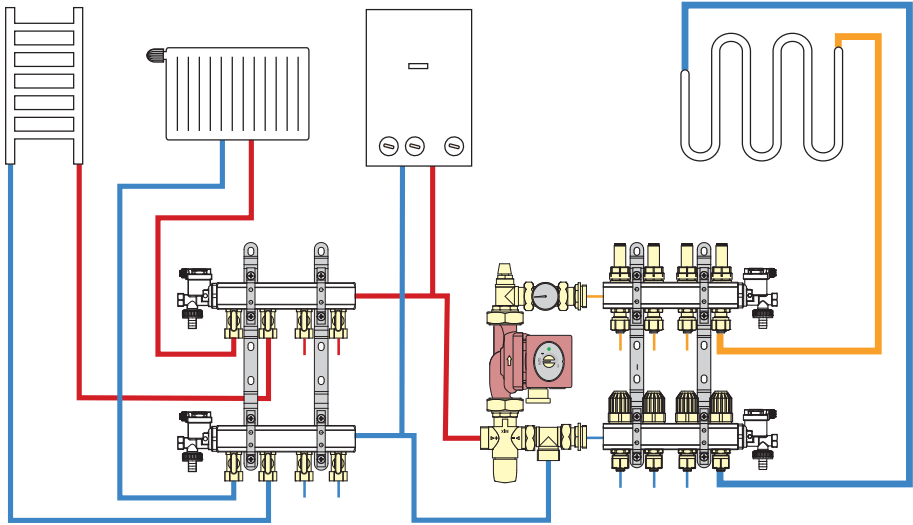
Index	Packaging	
	individual	bulk
with electronic pump 25-4-130 GPAII, Q _{max} = 2,4 m³/h	GM1F-40GPA 1 pcs	-
with electronic pump 25-6-130 GPAII, Q _{max} = 3,0 m³/h	GM1F-60GPA 1 pcs	-
without pump	GM1F-WP 1 pcs	-



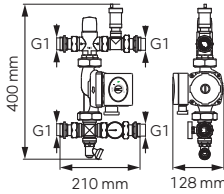



1. Thermostatic mixing valve (controls the temperature in the floor system)
2. Return of cold water from the floor heating system
3. Hot medium supply of floor heating system
4. Supplying the floor heating system with a medium of the desired temperature
5. Return to the boiler

Mixed systems with GM1F group

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





Description

Mixing group GM2F

- The dual-function mixing group serves to lower and maintain the desired temperature of the heating agent of the surface heating system and to connects it with the high-parameter radiator 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 includes:

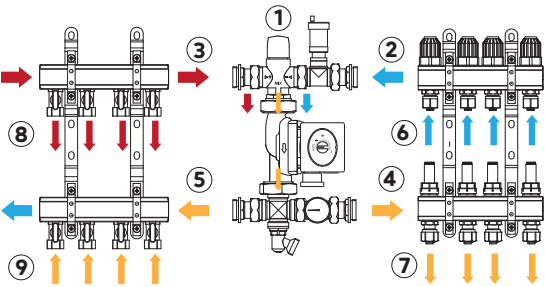
- 3-way thermostatic mixing valve
- automatic air vent with foot valve
- thermometer
- swivel drain valve
- set of unions

Advantages:

- double-function - allows to connect radiator and floor manifolds into a single system
- universal group for all manifolds with 210 mm bar spacing
- accurate and easy to control
- reversible



	Packaging	
Index	individual	bulk
with electronic pump 25-4-130 GPAll, Q _{max} = 2,4 m³/h	GM2F-40GPA 1 pcs	-
with electronic pump 25-6-130 GPAll, Q _{max} = 3,0 m³/h	GM2F-60GPA 1 pcs	-
without pump	GM2F-WP 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
6. Return from floor heating system

7. Floor heating system supply

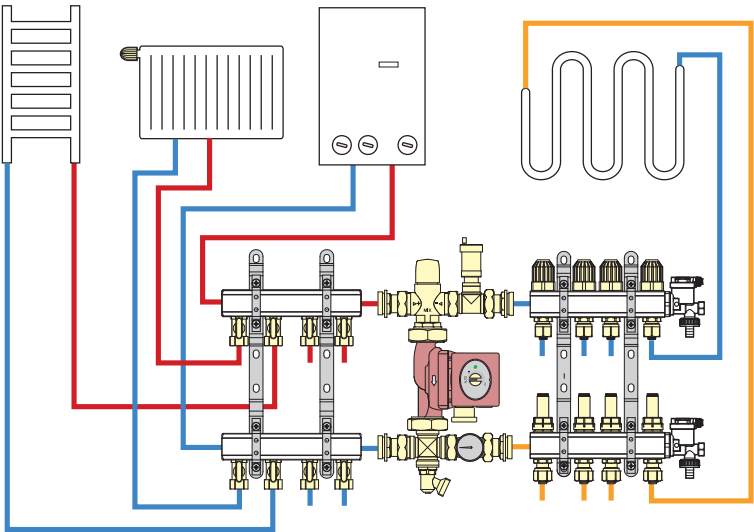
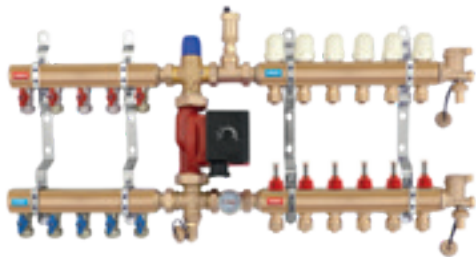
8. Radiator heating system supply

9. Return from the radiator heating system

System with dual-function mixing group GM2F

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

Two-functional - possibility of connecting the manifold for convection and surface heaters in one system.



Application example

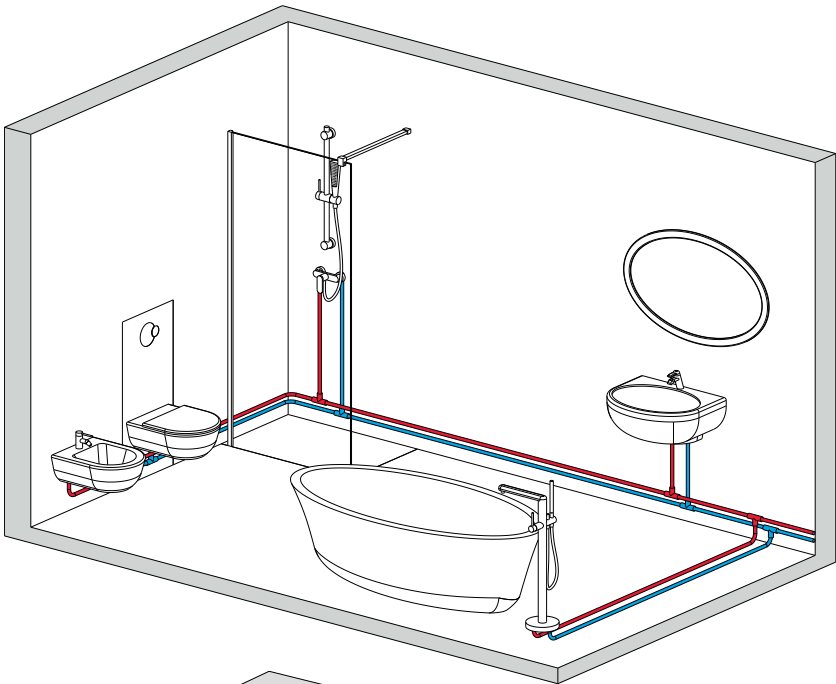
Installation diagram

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.

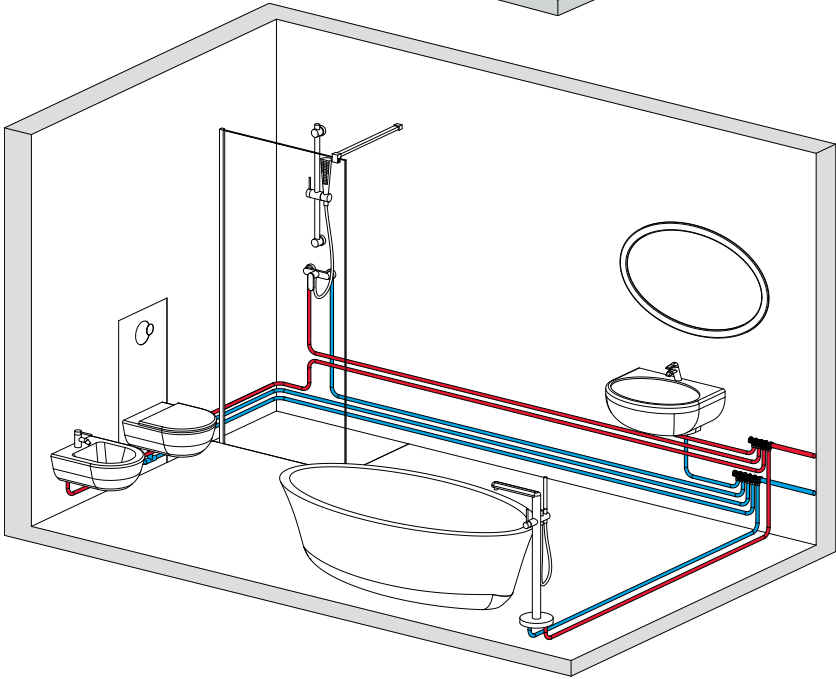
**Comparison of expenditures
with the use of each system**

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 →



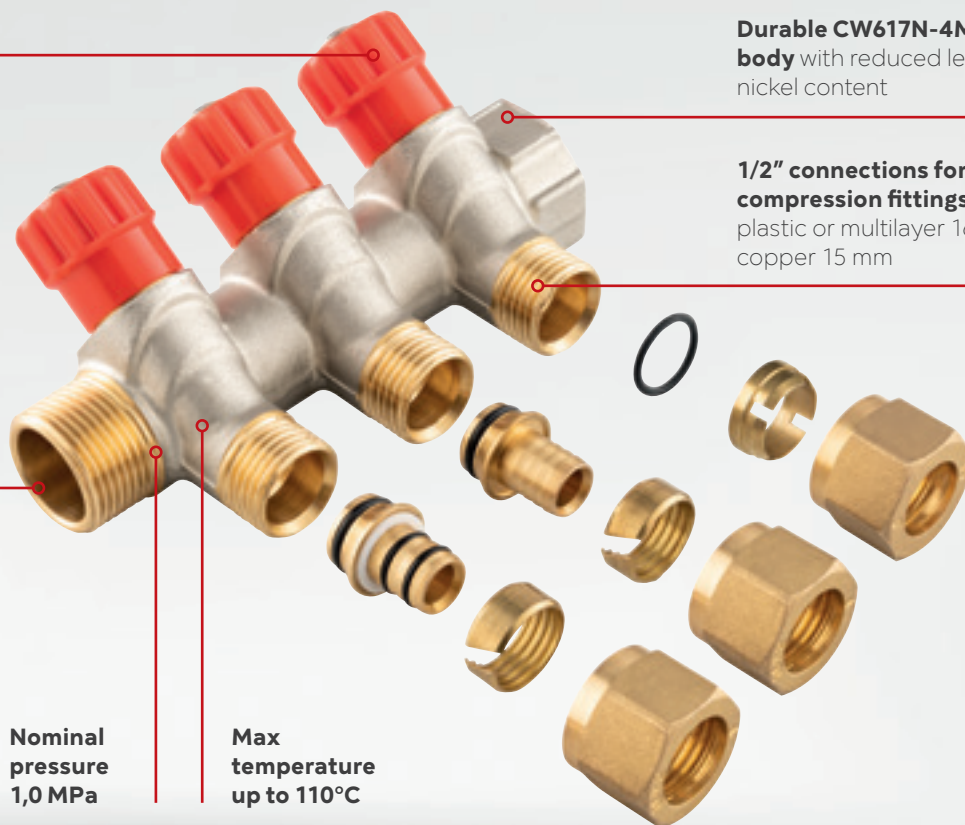
Sanitary manifolds

Exchangeable knobs
blue/red

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

1/2" connections for compression fittings for pipes:
plastic or multilayer 16x2 mm, copper 15 mm

Suitable for potable water (nickel-free contact surfaces)



Nominal pressure
1,0 MPa

Max temperature
up to 110°C



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			
 <div><div><div><div>G3/4</div><div>16,5</div><div>36</div><div>L</div></div><div><div>44</div><div>12</div><div>G1/2</div></div></div></div> <div><div><div>NO FREE</div><div>4MS</div><div>WARRANTY 15</div></div></div>		3/4" x 1/2" sanitary manifold <ul style="list-style-type: none">• 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	
		<div><div><div><div></div><div>EAN</div></div></div><div>Packaging</div></div>	
	L [mm]	Index	individualbulk
2-way manifold	93	RDW200200	1 pcs40 pcs
3-way manifold	129	RDW200300	1 pcs40 pcs
4-way manifold	165	RDW200400	1 pcs32 pcs

 <div><div><div><div>G1</div><div>17,5</div><div>36</div><div>L</div></div><div><div>44</div><div>12</div><div>G1/2</div></div></div></div> <div><div><div>NO FREE</div><div>4MS</div><div>WARRANTY 15</div></div></div>		1" x 1/2" sanitary manifold <ul style="list-style-type: none">• 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	
		<div><div><div><div></div><div>EAN</div></div></div><div>Packaging</div></div>	
	L [mm]	Index	individualbulk
2-way manifold	95	RDW250200	1 pcs40 pcs
3-way manifold	131	RDW250300	1 pcs40 pcs
4-way manifold	167	RDW250400	1 pcs32 pcs

 <div><div><div><div>207</div><div>23</div><div>38</div><div>110</div></div></div></div>		Set of brackets for sanitary manifolds <ul style="list-style-type: none">• two bracekt in the set• equipped with rubber pads• material: galvanized steel	
		<div><div><div><div></div><div>EAN</div></div></div><div>Packaging</div></div>	
brackets for manifolds		Index	individualbulk
3/4"		LC2RDW20	1 pcs30 pcs
1"		LC2RDW25	1 pcs30 pcs



Heating control

HEATING CONTROL



**THERMOELECTRIC
HEADS**
411



**CONTROLLERS
AND THERMOSTATS**
411



Description

Thermocouple head

- voltage: 230V/50Hz
- normally closed
- connection: M30 x 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



Packaging

Index	individual	bulk
FTE01	1 pcs	100 pcs



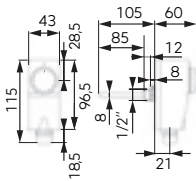
Strap thermostat

- 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.



Packaging

Index	individual	bulk
91934010	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



Packaging

Index	individual	bulk
91934020	1 pcs	25 pcs



Radiator

and accessories


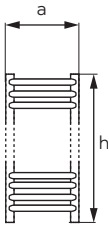


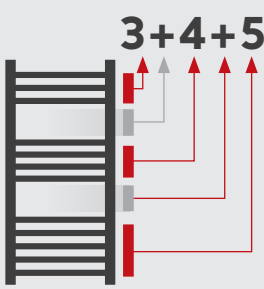

RADIATOR AND ACCESSORIES



**BATHROOM
RADIATORS**
413



**HEATERS
AND ACCESSORIES**
419

					Description			
					Chrome bathroom heater - straight <ul style="list-style-type: none">• 4 connection holes• fixings• plug and air vent• max. pressure: 1.0 MPa• max. temperature: 110°C			
					 <p>Recording system tube arrangement and number of bathroom heater</p> 			
a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index	
450	1200	400	90/70	399	200	4+5+15	450/1200/R,0	NEW
			75/65	318				
			65/55	241				
			55/45	168				
450	1600	400	90/70	541	200	4+5+6+7+8	450/1600/R,0	NEW
			75/65	431				
			65/55	326				
			55/45	228				
600	1200	550	90/70	502	200	4+5+15	600/1200/R,0	NEW
			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	NEW
			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	NEW
			75/65	620				
			65/55	469				
			55/45	328				



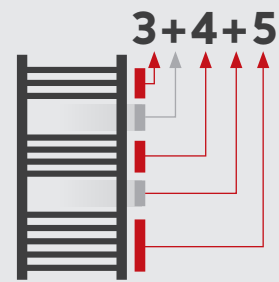
BATHROOM RADIATORS

Description



Chrome bathroom heater - straight

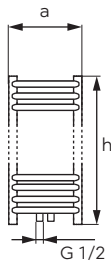
- V-type connection - 50mm
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C



Recording system tube arrangement and number of bathroom heater



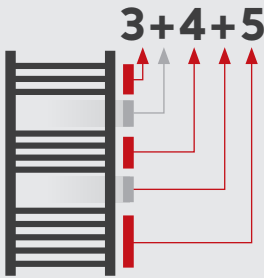
a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index	
450	1200	50	90/70	604	300	4+5+15	450/1200/RS,0	NEW
			75/65	482				
			65/55	365				
			55/45	255				
450	1600	50	90/70	820	300	4+5+6+7+8	450/1600/RS,0	NEW
			75/65	653				
			65/55	494				
			55/45	345				
600	1200	50	90/70	761	300	4+5+15	600/1200/RS,0	NEW
			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	NEW
			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	NEW
			75/65	939				
			65/55	710				
			55/45	497				



Description

Grzejnik łazienkowy czarny - prosty

- podłączenie typu V - 50mm
- komplet zamocowań
- korek i odpowietrznik
- maksymalne ciśnienie: 1,0 MPa
- maksymalna temperatura: 110°C



Recording system tube arrangement and number of bathroom heater

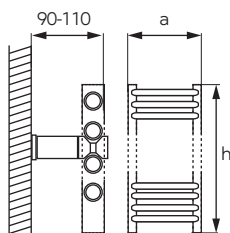


a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index	
450	1200	50	90/70	604	300	4+5+15	450/1200/RS,5	NEW
			75/65	482				
			65/55	365				
			55/45	255				
450	1600	50	90/70	820	300	4+5+6+7+8	450/1600/RS,5	NEW
			75/65	653				
			65/55	494				
			55/45	345				
600	1200	50	90/70	761	300	4+5+15	600/1200/RS,5	NEW
			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	NEW
			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	NEW
			75/65	939				
			65/55	710				
			55/45	497				



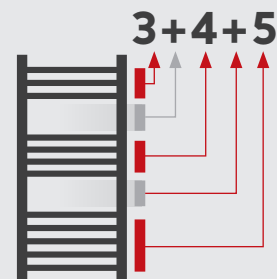
BATHROOM RADIATORS

Description



White bathroom heater - straight


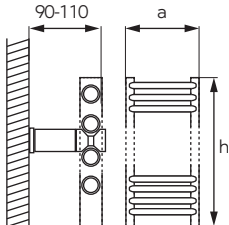

- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C
- reversible heater



Recording system tube arrangement and number of bathroom heater



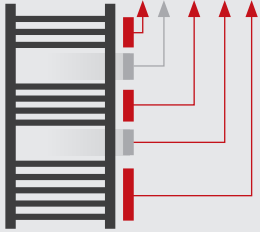
a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index
450	900	406	90/70/20 (°C)	455	300	4+5+8	450/900/R,1
			75/65/20 (°C)	363			
			65/55/20 (°C)	276			
			55/45/20 (°C)	193			
450	1200	406	90/70/20 (°C)	604	300	4+5+15	450/1200/R,1
			75/65/20 (°C)	482			
			65/55/20 (°C)	365			
			55/45/20 (°C)	255			
600	900	555	90/70/20 (°C)	574	300	4+5+8	600/900/R,1
			75/65/20 (°C)	458			
			65/55/20 (°C)	347			
			55/45/20 (°C)	243			
600	1200	555	90/70/20 (°C)	761	300	4+5+15	600/1200/R,1
			75/65/20 (°C)	607			
			65/55/20 (°C)	460			
			55/45/20 (°C)	321			
600	1600	555	90/70/20 (°C)	1 033	600	4+5+6+7+8	600/1600/R,1
			75/65/20 (°C)	823			
			65/55/20 (°C)	622			
			55/45/20 (°C)	434			




White bathroom heater - curved

- 4 connection holes
- fixings
- plug and air vent
- max. pressure: 1.0 MPa
- max. temperature: 110°C
- reversible heater

3+4+5



Recording system tube arrangement and number of bathroom heater



a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index
450	900	406	90/70/20 (°C)	455	300	4+5+8	450/900,1
			75/65/20 (°C)	363			
			65/55/20 (°C)	276			
			55/45/20 (°C)	193			
450	1200	406	90/70/20 (°C)	604	300	4+5+15	450/1200,1
			75/65/20 (°C)	482			
			65/55/20 (°C)	365			
			55/45/20 (°C)	255			
600	900	555	90/70/20 (°C)	574	300	4+5+8	600/900,1
			75/65/20 (°C)	458			
			65/55/20 (°C)	347			
			55/45/20 (°C)	243			
600	1200	555	90/70/20 (°C)	761	300	4+5+15	600/1200,1
			75/65/20 (°C)	607			
			65/55/20 (°C)	460			
			55/45/20 (°C)	321			
600	1600	555	90/70/20 (°C)	1 033	600	4+5+6+7+8	600/1600,1
			75/65/20 (°C)	823			
			65/55/20 (°C)	622			
			55/45/20 (°C)	434			



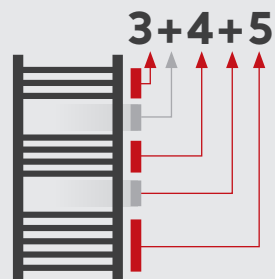
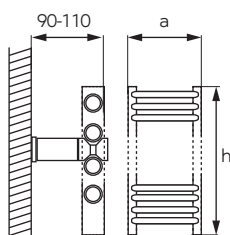
BATHROOM RADIATORS

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




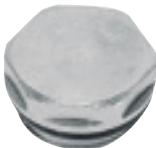
a [mm]	h [mm]	Connection spacing	Installation parameters	Power [W]	Dedicated heater power	Pipe arrangement	Index
450	1200	406	90/70/20 (°C)	399	600	4+5+15	450/1200,0
			75/65/20 (°C)	318			
			65/55/20 (°C)	241			
			55/45/20 (°C)	168			
450	1600	406	90/70/20 (°C)	541	600	4+5+6+7+8	450/1600,0
			75/65/20 (°C)	431			
			65/55/20 (°C)	326			
			55/45/20 (°C)	228			
600	1200	555	90/70/20 (°C)	502	600	4+5+15	600/1200,0
			75/65/20 (°C)	401			
			65/55/20 (°C)	304			
			55/45/20 (°C)	212			
600	1600	555	90/70/20 (°C)	682	600	4+5+6+7+8	600/1600,0
			75/65/20 (°C)	543			
			65/55/20 (°C)	411			
			55/45/20 (°C)	286			


Description			
<div></div> <div></div> <div>Packaging</div>			
Power [W]	Index	individual	bulk
300	GZ300B	1 pcs	-
600	GZ600B	1 pcs	-
900	GZ900B	1 pcs	-
1200	GZ1200B	1 pcs	-
<div></div> <div></div> <div>Packaging</div>			
Power [W]	Index	individual	bulk
300	GZ300C	1 pcs	-
600	GZ600C	1 pcs	-
<div></div> <div></div> <div>Packaging</div>			
Colour	Index	individual	bulk
white	T-KUS,1	1 pcs	-
chrome	T-KUS,0	1 pcs	-
<div></div> <div>Packaging</div>			
Index		individual	bulk
1" right		-	10 pcs
1" left		-	10 pcs









RADIATOR ACCESSORIES

		Description	
	Reduction plug		
		Packaging	
		Index	
		individual	bulk
1"x1/2" left	GG3L20	-	10 pcs
1"x1/2" right	GG3P20	-	10 pcs
1"x3/4" right	G93P20	-	10 pcs
1"x3/4" left	G93L20	-	10 pcs

	1/2" blanking plug with an O-ring		
	• nickel plated		
		Packaging	
		Index	
		individual	bulk
		KZ1	1 pcs 230 pcs

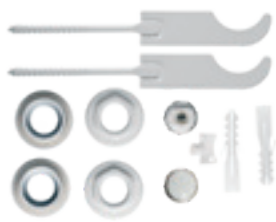

	Plug gasket		
		Packaging	
		Index	
		individual	bulk
		GG4	1 pcs 3000 pcs



	Plug gasket set – 4 pcs		
		Packaging	
		Index	
		individual	bulk
		GG4W	1 set -


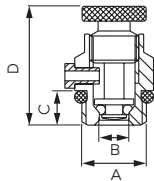

Description							
	Plug set <ul style="list-style-type: none">• 2x 1" x 1/2" reduction plug left-handed with gasket• 2x 1" x 1/2" reduction plug right-handed with gasket• 1/2" automatic venting valve• 1/2" blanking plug						
		Packaging					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG1BA</td><td>1 pcs</td><td>50 pcs</td></tr></table>	Index	individual	bulk	ZGG1BA	1 pcs	50 pcs
Index	individual	bulk					
ZGG1BA	1 pcs	50 pcs					
	Plug set <ul style="list-style-type: none">• 2x 1"x1/2" reduction plug left-handed with gasket• 2x 1"x1/2" reduction plug right-handed with gasket• 1/2" automatic venting valve• 1/2" blanking plug• 2x painted radiator hook• 2x rawlplugs						
		Packaging					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG2BA</td><td>1 pcs</td><td>40 pcs</td></tr></table>	Index	individual	bulk	ZGG2BA	1 pcs	40 pcs
Index	individual	bulk					
ZGG2BA	1 pcs	40 pcs					
	Plug set <ul style="list-style-type: none">• 2x 1"x 1/2" reduction plug left-handed with gasket• 2x 1"x 1/2" reduction plug right-handed with gasket• 1/2" automatic venting valve• 1/2" blanking plug• 3x painted radiator hook• 3x rawlplugs						
		Packaging					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG3BA</td><td>1 pcs</td><td>40 pcs</td></tr></table>	Index	individual	bulk	ZGG3BA	1 pcs	40 pcs
Index	individual	bulk					
ZGG3BA	1 pcs	40 pcs					
	Set of plugs <ul style="list-style-type: none">• 2x 1"x1/2" reduction plugs left-handed with gasket• 2x 1"x1/2" reduction plugs right-handed with gasket• 1/2" manual venting valve• 1/2" blanking plug• vent valve key						
		Packaging					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG1B</td><td>1 pcs</td><td>50 pcs</td></tr></table>	Index	individual	bulk	ZGG1B	1 pcs	50 pcs
Index	individual	bulk					
ZGG1B	1 pcs	50 pcs					


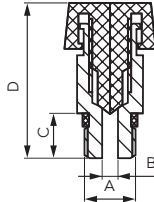










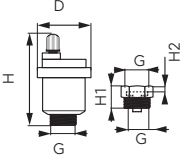

RADIATOR ACCESSORIES

				Description				
				Plug set				
				<ul style="list-style-type: none">• 2× 1"× 1/2" reduction plugs left-handed with gasket• 2× 1"× 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				
				<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG2B</td><td>1 pcs</td><td>40 pcs</td></tr></table>			Index	individual
Index	individual	bulk						
ZGG2B	1 pcs	40 pcs						

				Plug set				
				<ul style="list-style-type: none">• 2× reduction plugs 1"×1/2" left with seal• 2× reduction plugs 1"×1/2" right with seal• 1/2" manual venting valve• 1/2" blanking plug• key to vent valve• 3× painted radiator hanger• 3× rawlplugs				
				Packaging				
				<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZGG3B</td><td>1 pcs</td><td>40 pcs</td></tr></table>			Index	individual
Index	individual	bulk						
ZGG3B	1 pcs	40 pcs						


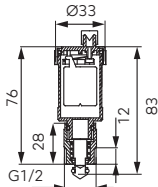

 				Mechanical air vent with metal knob																									
				<ul style="list-style-type: none">• max. working temperature: 120°C• max. working pressure: 1.0 MPa (10 bar)• O-ring seal																									
				Packaging																									
				<table><tr><th colspan="3">Retail</th></tr><tr><th>A</th><th>B [mm]</th><th>C [mm]</th><th>D [mm]</th><th>Index</th><th>individual</th><th>bulk</th><th>Index</th></tr><tr><td>1/4"</td><td>5,8</td><td>7</td><td>24,5</td><td>RA501/8</td><td>-</td><td>100 pcs</td><td>RA501/8-W</td></tr><tr><td>3/8"</td><td>5,8</td><td>8</td><td>25,5</td><td>RA501/10</td><td>-</td><td>100 pcs</td><td>RA501/10-W</td></tr></table>			Retail			A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	Index	1/4"	5,8	7	24,5	RA501/8	-	100 pcs	RA501/8-W	3/8"	5,8	8	25,5
Retail																													
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	Index																						
1/4"	5,8	7	24,5	RA501/8	-	100 pcs	RA501/8-W																						
3/8"	5,8	8	25,5	RA501/10	-	100 pcs	RA501/10-W																						


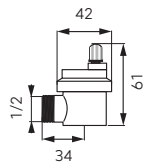

 				Mechanical air vent with knob																																									
				<ul style="list-style-type: none">• max. working temperature: 120°C• max. working pressure: 1.0 MPa (10 bar)																																									
				Packaging																																									
				<table><tr><th colspan="3">Retail</th></tr><tr><th>A</th><th>B [mm]</th><th>C [mm]</th><th>D [mm]</th><th>Index</th><th>individual</th><th>bulk</th><th>Index</th></tr><tr><td>1/8"</td><td>3</td><td>8,5</td><td>28</td><td>RA502/5</td><td>-</td><td>100 pcs</td><td>RA502/5-W</td></tr><tr><td>1/4"</td><td>3</td><td>8,5</td><td>25</td><td>RA502/8</td><td>-</td><td>100 pcs</td><td>RA502/8-W</td></tr><tr><td>3/8"</td><td>3</td><td>9,5</td><td>26</td><td>RA502/10</td><td>-</td><td>100 pcs</td><td>RA502/10-W</td></tr><tr><td>1/2"</td><td>3</td><td>9</td><td>24,5</td><td>RA502/15</td><td>-</td><td>50 pcs</td><td>RA502/15-W</td></tr></table>			Retail			A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	Index	1/8"	3	8,5	28	RA502/5	-	100 pcs	RA502/5-W	1/4"	3	8,5	25	RA502/8	-	100 pcs	RA502/8-W	3/8"	3	9,5	26	RA502/10	-	100 pcs	RA502/10-W	1/2"	3	9	24,5
Retail																																													
A	B [mm]	C [mm]	D [mm]	Index	individual	bulk	Index																																						
1/8"	3	8,5	28	RA502/5	-	100 pcs	RA502/5-W																																						
1/4"	3	8,5	25	RA502/8	-	100 pcs	RA502/8-W																																						
3/8"	3	9,5	26	RA502/10	-	100 pcs	RA502/10-W																																						
1/2"	3	9	24,5	RA502/15	-	50 pcs	RA502/15-W																																						


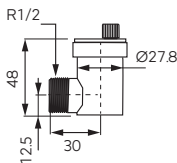

Description					
1/2" mechanical air vent with knob					
					
					
Packaging			Retail		
Index	individual	bulk	Index	individual	bulk
O15M	1 pcs	-	O15MW		
1/2" mechanical air vent with key					
					
					
Packaging			Retail		
Index	individual	bulk	Index	individual	bulk
O18Y	1 pcs	500pcs			
1" automatic air vent for aluminium radiators					
					
					
Packaging			Retail (Eurohanger)		
Index	individual	bulk	Index	individual	bulk
left	O25AL	1 pcs 50 pcs	O25ALE		
right	O25AP	1 pcs 50 pcs	O25APE		
Automatic air vent with stop valve					
 					
					
Packaging			Retail		
D[mm]	H[mm]	H1[mm]	H2[mm]	G	Index
42	58,5	24	5	3/8"	O10AS
42	58,5	25	6	1/2"	O15AS
			individual	bulk	Index
			1 pcs	50 pcs	O15ASE
			1 pcs	50 pcs	





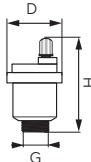


RADIATOR ACCESSORIES



		Description	
		1/2" automatic air vent with stop valve	
		<ul style="list-style-type: none">• max. working temperature: 110°C• max. working pressure: 1.0 MPa (10 bar)• brass closing element of the foot valve	
			
		Packaging	
Index		individual	bulk
O15AS2		1 pcs	100 pcs



		1/2" automatic side air vent	
		<ul style="list-style-type: none">• max. working temperature: 95°C• max. working pressure: 1.0 MPa (10 bar)	
			
		Packaging	
Index		individual	bulk
O15ASB		1 pcs	50 pcs



		1/2" automatic side air vent	
		<ul style="list-style-type: none">• max. working temperature: 110°C• max. working pressure: 1.0 MPa (10 bar)	
			
		Packaging	
Index		individual	bulk
O15ASB2		1 pcs	120 pcs

	1/2" hygroscopic automatic air vent		
			
	Packaging		
Index	individual	bulk	Index
O15AH	12 pcs	360 pcs	O15AHW

			Description		
<div></div>			Automatic air vent • without stop valve		
				Packaging	
D [mm]	H [mm]	G	Index	individual	bulk
42	58,5	3/8 "	O10A	1 pcs	50 pcs
42	58,5	1/2 "	O15A	1 pcs	50 pcs









<div></div>			Bent radiator hook • zinc-plated with two rawlplugs		
				Packaging	
Index		individual	bulk	Index	
GG7K		2 pcs	200 pcs	GG7KW	



<div></div>			Painted radiator hook • with a rawlplug		
				Packaging	
Index		individual	bulk		
GG77M		2 pcs	100 pcs		

<div></div>			Zinc plated radiator hook • with rawlplug- length 24 cm		
				Packaging	
Index		individual	bulk	Index	
GG77D		2 pcs	50 pcs	GG77DW	



RADIATOR ACCESSORIES

Description			
	Radiator hook • with rawlplug		
			
	Packaging		Retail
	Index	individual bulk	Index
	GG77	2 pcs 100 pcs	GG77W
	Painted bent radiator hook		
			
	Packaging		
	Index	individual bulk	Index
	GG7M	1 pcs 100 pcs	
	Zinc-plated bent radiator hook		
			
	Packaging		Retail
	Index	individual bulk	Index
	GG7	50 pcs -	GG7W
	nipple for aluminium radiators		
			
	Packaging		Retail
	Index	individual bulk	Index
	GG8	- 500 pcs	GG8W



Description

Key for 1" nipples for aluminium radiators



Radiator fittings

RADIATOR FITTINGS



THERMOSTATIC VALVES
430



THERMOSTATIC HEADS
431

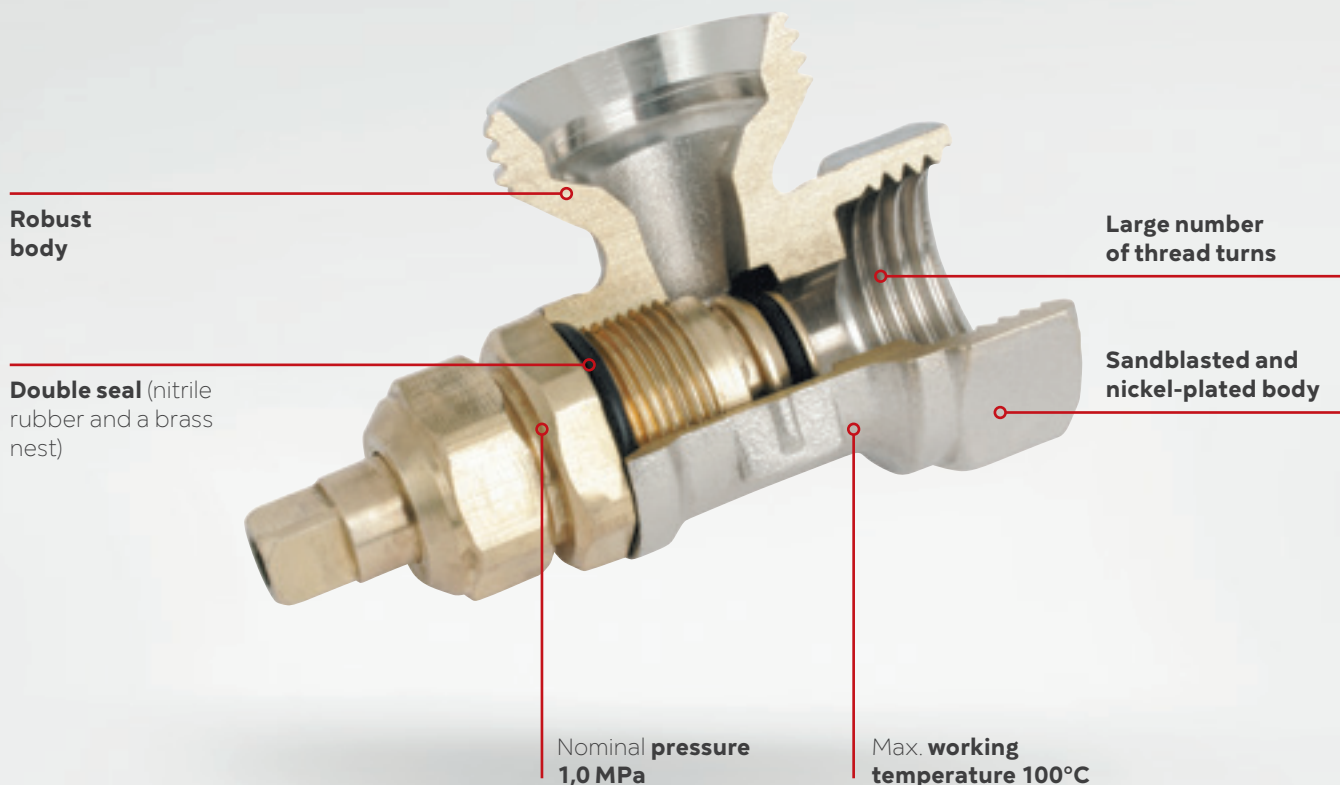


RADIATOR VALVES
434



RADIATOR SETS
438

Radiator valves



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

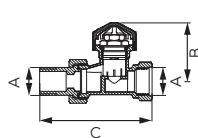
Finishing:

- radiator valves are sandblasted and then nickel-plated
- following special orders - valves can be only chromed or just sandblasted



THERMOSTATIC VALVES

Description

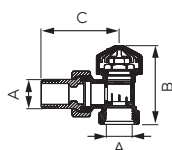


Straight thermostatic valve

- 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



DN	A	B [mm]	C [mm]	Nominal flow q _m N	Pressure difference impact	Pre-setting regulation	Index	Packaging		Index	Index
								individual	bulk		
15	Rp 1/2	44	85	0,130 m³/h	0,8 K	yes	ZT2Y	9 pcs	108 pcs		ZT2YE
15	Rp 1/2	44	85	0,137 m³/h	0,3 K	no	ZT2YS	9 pcs	108 pcs	ZT2YSW	
20	Rp 3/4	45,5	100	0,162 m³/h	0,6 K	yes	ZT3Y	8 pcs	72 pcs		ZT3YE

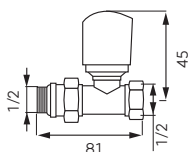


Thermostatic angle valve

- 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



DN	A	B [mm]	C [mm]	Nominal flow q _m N	Pressure difference impact	Pre-setting regulation	Index	Packaging		Index	Index
								individual	bulk		
15	Rp 1/2	44	85	0,140 m³/h	0,6 K	yes	ZT5Y	10 pcs	120 pcs		ZT5YE
15	Rp 1/2	44	85	0,153 m³/h	0,3 K	no	ZT5YS	10 pcs	120 pcs	ZT5YSW	
20	Rp 3/4	45,5	100	0,181 m³/h	0,6 K	yes	ZT6Y	89 pcs	81 pcs		ZT6YE

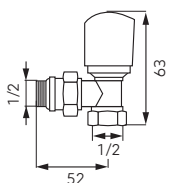


Straight thermostatic valve 1/2" x 1/2"

- connection thread for head: M30 x 1.5
- max. permissible static pressure: 1 MPa
- max. permissible pressure difference: 0.1 MPa
- max. working temperature: 100°C
- connection with additional O-ring sealing
- the valve with 2-in-1 function:
valve equipped with ergonomic knob for manual adjustment.
After removing the knob, the thermostatic head can be mounted with a typical M30 x 1.5 thread
- water, 50% glycol concentration



Index	Packaging		Index
	individual	bulk	
ZT12Y	10 pcs	60 pcs	ZT12YW



Thermostatic angle valve 1/2" x 1/2"

- connection thread for head: M30 x 1.5
- max. permissible static pressure: 1 MPa
- max. permissible pressure difference: 0.1 MPa
- max. working temperature: 100°C
- connection with additional O-ring sealing
- the valve with 2-in-1 function:
valve equipped with ergonomic knob for manual adjustment.
After removing the knob, the thermostatic head can be mounted with a typical M30 x 1.5 thread
- water, 50% glycol concentration



Index	Packaging		Index
	individual	bulk	
ZT15Y	10 pcs	60 pcs	ZT15YW

Description			
	Thermostatic head <ul style="list-style-type: none">• 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	individual bulk	Index
	GT10	1 pcs 100 pcs	GT10E
	Thermostatic head <ul style="list-style-type: none">• 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	individual bulk	Index
	GT11	1 pcs 100 pcs	GT11E
	Thermostatic head <ul style="list-style-type: none">• 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	individual	bulk
	GT12	1 pcs	100 pcs
	Thermostatic head with limitation from 16°C <ul style="list-style-type: none">• connection M30 x 1.5• maximum ambient temperature: 50°C• adjustment scale: 2 - 5• temperature adjustment range: 16°C - 30°C• white		
		Packaging	
	Index	individual	bulk
	GT12-16	1 pcs	100 pcs





THERMOSTATIC HEADS



	Description		
	Thermostatic head <ul style="list-style-type: none">• 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		
			
	Packaging		
	Index	individual	bulk
	GT20B	1 pcs	75 pcs

	Description		
	Thermostatic head <ul style="list-style-type: none">• 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		
			
	Packaging		
	Index	individual	bulk
	GT30B	1 pcs	75 pcs

	Description		
	Thermostatic head <ul style="list-style-type: none">• connection: M30x1.5• maximum ambient temperature: 50°C• adjustment scale: * - 5• temperature adjustment range: up to 30°C• anti-freeze protection: ~ 9°C• chrome		
			
	Packaging		
	Index	individual	bulk
	GT31B	1 pcs	75 pcs

	Description		
	Thermostatic head <ul style="list-style-type: none">• 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		
			
	Packaging		
	Index	individual	bulk
	GT32B	1 pcs	75 pcs


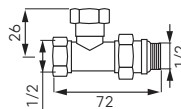

Description		
	Thermostatic head <ul style="list-style-type: none">• connection: M30x1.5• maximum ambient temperature: 50°C• adjustment scale: * - 5• temperature adjustment range: up to 30°C• anti-freeze protection: ~ 9°C• anthracite	
		
	Packaging	
Index	individual	bulk
GT33B	1 pcs	75 pcs


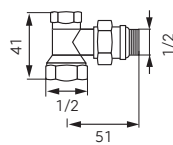

	Thermostatic head <ul style="list-style-type: none">• connection: M30x1.5• maximum ambient temperature: 50°C• adjustment scale: * - 5• temperature adjustment range: up to 30°C• anti-freeze protection: ~ 9°C• black	
		
	Packaging	
Index	individual	bulk
GT34B	1 pcs	75 pcs


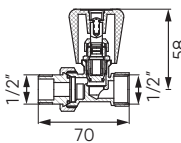





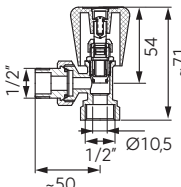


RADIATOR VALVES

Description		
 	Straight radiator control valve	NEW
	<ul style="list-style-type: none">• 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 m³/h• flow coefficient Kv (when the valve is fully open): 1.075 m³/h• medium: water, glycol/water solution (50%)	
		
Packaging		
Index	individual	bulk
ZG2YU	1 pcs	
 	Angle radiator control valve	NEW
	<ul style="list-style-type: none">• 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 m³/h• flow coefficient Kv (when the valve is fully open): 1.499 m³/h• medium: water, glycol/water solution (50%)	
		
Packaging		
Index	individual	bulk
ZG5YU	1 pcs	
 	Straight radiator shut-off valve	NEW
	<ul style="list-style-type: none">• 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 m³/h• medium: water, glycol/water solution (50%)	
		
Packaging		
Index	individual	bulk
ZP2YU	1 pcs	
 	Angled radiator shut-off valve	NEW
	<ul style="list-style-type: none">• 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 m³/h• medium: water, glycol/water solution (50%)	
		
Packaging		
Index	individual	bulk
ZK2YU	1 pcs	

Description				
			Radiator cut-off straight valve 1/2" x 1/2" <ul style="list-style-type: none">• connection with additional O-ring• water, 50% glycol concentration• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C	
			Packaging	
Index			individual	bulk
ZPI2Y			10 pcs	120 pcs

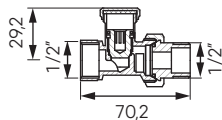
			Radiator cut-off angle valve 1/2" x 1/2" <ul style="list-style-type: none">• connection with additional O-ring• water, 50% glycol concentration• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C	
			Packaging	
Index			individual	bulk
ZPI5Y			10 pcs	120 pcs

		Straight radiator valve 1/2" with gland <ul style="list-style-type: none">• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C			
					
		Packaging	Retail (bags)	Retail (Eurohanger)	
Index		individual	bulk	Index	Index
ZG2Y		12 pcs	144 pcs	ZG2YW	ZG2YE

		1/2" angle radiator valve with gland <ul style="list-style-type: none">• nominal pressure: 1.0 MPa (10 bar)• max. working temperature: 100°C			
					
		Packaging	Retail (bags)	Retail (Eurohanger)	
Index		individual	bulk	Index	Index
ZG5Y		12 pcs	144 pcs	ZG5YW	ZG5YE



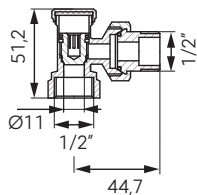
Description


1/2" straight cut-off radiator valve

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



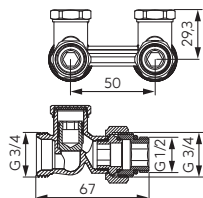
Index	Packaging		Retail (bags)	Retail (Eurohanger)
	individual	bulk	Index	Index
ZP2Y	16 pcs	192 pcs	ZP2YW	ZP2YE


1/2" angle cut-off radiator valve

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



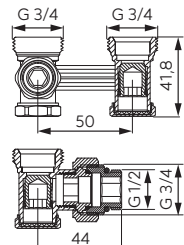
Index	Packaging		Retail (bags)	Retail (Eurohanger)
	individual	bulk	Index	Index
ZK2Y	16 pcs	192 pcs	ZK2YW	ZK2YE


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




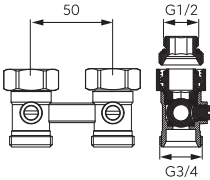
Index	Packaging		Retail (bags)	Retail (Eurohanger)
	individual	bulk	Index	Index
LZ06YK	8 pcs	72 pcs	LZ06YKW	LZ06YKE


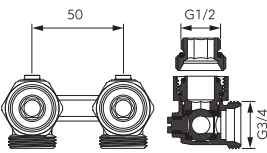

Double valve for bottom connected radiators, angle

- 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



Index	Packaging		Retail (bags)	Retail (Eurohanger)
	individual	bulk	Index	Index
LZ07YK	8 pcs	72 pcs	LZ07YKW	LZ07YKE

Description		
 	Double valve for bottom connected radiators, straight <ul style="list-style-type: none">• connections 3/4" M x F3/4" F or 3/4" M x 1/2" M<ul style="list-style-type: none">– reduction nipples included• conical sealing• ball shut-off valves• nominal pressure: 1,0 MPa (10 bar)• maximum working temperature: 100°C	
	Packaging	
	Index	
LZ06YKN	individual	bulk
	8 pcs	72 pcs

 	Double valve for bottom connected radiators, angle <ul style="list-style-type: none">• connections 3/4" M x F3/4" F or 3/4" M x 1/2" M<ul style="list-style-type: none">– reduction nipples included• conical sealing• ball shut-off valves• nominal pressure: 1,0 MPa (10 bar)• maximum working temperature: 100°C	
	Packaging	
	Index	
LZ07YKN	individual	bulk
	10 pcs	90 pcs



RADIATOR SETS

Description			
	Straight thermostatic set with presetting valve Elements of the set: <ul style="list-style-type: none"> • GT12 thermostatic head with M30 x 1.5 connection • ZT2Y thermostatic straight valve with presetting • ZP2Y straight cut-off valve Technical parameters: <ul style="list-style-type: none"> • 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		individual	bulk
ZTMN01		1 pcs	16 pcs
	Straight 1/2" thermostatic set with presetting valve and thermostatic head with 16°C limit Elements of the set: <ul style="list-style-type: none"> • GT12-16 thermostatic head with M30 x 1.5 connection • ZT2Y thermostatic straight valve with presetting • ZP2Y straight cut-off valve Technical parameters: <ul style="list-style-type: none"> • 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		individual	bulk
ZTMN01-16		1 pcs	16 pcs
	Angle thermostatic set with presetting valve Elements of the set: <ul style="list-style-type: none"> • GT12 thermostatic head with M30 x 1.5 connection • ZT5Y angle thermostatic valve, with presetting • ZK2Y angle cut-off valve Technical parameters: <ul style="list-style-type: none"> • 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		individual	bulk
ZTMN02		1 pcs	16 pcs
	Angle 1/2" thermostatic set with presetting valve and thermostatic head with 16°C limit Elements of the set: <ul style="list-style-type: none"> • GT12-16 thermostatic head with M30 x 1.5 connection • ZT5Y angle thermostatic valve, with presetting • ZK2Y angle cut-off valve Technical parameters: <ul style="list-style-type: none"> • 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		individual	bulk
ZTMN02-16		1 pcs	16 pcs

Description							
	1/2" straight thermostatic set Elements of the set: <ul style="list-style-type: none">• thermostatic head• thermostatic valve without presetting• cut-off valve Technical parameters: <ul style="list-style-type: none">• 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					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM07</td><td>1 pcs</td><td>16 pcs</td></tr></table>	Index	individual	bulk	ZTM07	1 pcs	16 pcs
Index	individual	bulk					
ZTM07	1 pcs	16 pcs					
	1/2" angle thermostatic set Elements of the set: <ul style="list-style-type: none">• thermostatic head• thermostatic valve without presetting• cut-off valve Technical parameters: <ul style="list-style-type: none">• 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					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM08</td><td>1 pcs</td><td>16 pcs</td></tr></table>	Index	individual	bulk	ZTM08	1 pcs	16 pcs
Index	individual	bulk					
ZTM08	1 pcs	16 pcs					
	1/2" straight thermostatic set Elements of the set: <ul style="list-style-type: none">• thermostatic head• 1/2" straight thermostatic valve without presetting• 1/2" straight radiator cut-off valve Technical parameters: <ul style="list-style-type: none">• 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					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM20</td><td>1 pcs</td><td>40 pcs</td></tr></table>	Index	individual	bulk	ZTM20	1 pcs	40 pcs
Index	individual	bulk					
ZTM20	1 pcs	40 pcs					
	1/2" angle thermostatic set Elements of the set: <ul style="list-style-type: none">• thermostatic head• 1/2" thermostatic angle valve without presetting• 1/2" angle radiator cut-off valve Technical parameters: <ul style="list-style-type: none">• 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					
	<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM21</td><td>1 pcs</td><td>40 pcs</td></tr></table>	Index	individual	bulk	ZTM21	1 pcs	40 pcs
Index	individual	bulk					
ZTM21	1 pcs	40 pcs					



RADIATOR SETS

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		individual	bulk
ZGB01		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		individual	bulk
ZGB02		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%)	NEW	
		Packaging	
Index		individual	bulk
ZGYU1		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%)	NEW	
		Packaging	
Index		individual	bulk
ZGYU2		1 pcs	

Description										
		1/2" straight thermostatic valve set Elements of the set: <ul style="list-style-type: none">• 2-in-1 thermostatic valve• cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)• max. ambient temperature: 50°C• valve connection diameter: 1/2" Characteristics: <ul style="list-style-type: none">• valve with 2-in-1 function:<ul style="list-style-type: none">• valve equipped with ergonomic knob for manual adjustment• after removing the knob, the thermostatic head can be mounted with a typical M30 x 1.5 thread• easy to install; additional gasket on the thermostatic and shut-off valve half union								
										
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTB01</td><td>1 pcs</td><td>30 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZTB01	1 pcs
Packaging										
Index	individual	bulk								
ZTB01	1 pcs	30 pcs								

		1/2" angle thermostatic valve set Elements of the set: <ul style="list-style-type: none">• 2-in-1 thermostatic valve• cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1.0 MPa (10 bar)• max. ambient temperature: 50°C• valve connection diameter: 1/2" Characteristics: <ul style="list-style-type: none">• valve with 2-in-1 function:<ul style="list-style-type: none">• valve equipped with ergonomic knob for manual adjustment• after removing the knob, the thermostatic head can be mounted with a typical M30x1.5 thread• easy to install; additional gasket on the thermostatic and shut-off valve half union								
										
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTB02</td><td>1 pcs</td><td>30 pcs</td></tr></table>		Packaging			Index	individual	bulk	ZTB02	1 pcs
Packaging										
Index	individual	bulk								
ZTB02	1 pcs	30 pcs								

	Thermostatic set for bottom connected radiators, straight Elements of the set: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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"								
									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTV01</td><td>1 pcs</td><td>25 pcs</td></tr></table>	Packaging			Index	individual	bulk	ZTV01	1 pcs
Packaging									
Index	individual	bulk							
ZTV01	1 pcs	25 pcs							

	Thermostatic set for bottom connected radiators, angle Elements of the set: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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								
									
	<table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTV02</td><td>1 pcs</td><td>25 pcs</td></tr></table>	Packaging			Index	individual	bulk	ZTV02	1 pcs
Packaging									
Index	individual	bulk							
ZTV02	1 pcs	25 pcs							



RADIATOR SETS

Description			
	Thermostatic set for bottom connected radiators, straight Elements of the set: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 		
		Packaging	
Index		individual	bulk
ZTV07		1 pcs	16 pcs
	Thermostatic set for bottom connected radiators, angle Elements of the set: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 		
		Packaging	
Index		individual	bulk
ZTV08		1 pcs	25 pcs
	Thermostatic set for bottom connected radiators, straight Elements of the set: <ul style="list-style-type: none"> • thermostatic head with M30x1,5 connection (suitable for Heimeier type thermostatic inserts) • universal straight connection valve Technical specifications: <ul style="list-style-type: none"> • 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		individual	bulk
ZTV20		1 pcs	40 pcs
	Thermostatic set for bottom connected radiators, angle Elements of the set: <ul style="list-style-type: none"> • thermostatic head with M30x1,5 connection (suitable for Heimeier type thermostatic inserts) • universal angle connection valve Technical specifications: <ul style="list-style-type: none"> • 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		individual	bulk
ZTV21		1 pcs	40 pcs

 pipe connector set:  multilayer copper	<div>Description</div> <div>Decorative integrated angle thermostatic set, chrome</div> <div>Elements of the set:<ul style="list-style-type: none">• GT31 thermostatic head• integrated angle valve• 15 mm copper pipe connectors• 16x2 mm multilayer pipe connectors• 3/4" x 1/2" radiator nipplesThermostatic head:<ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: - 9°CTechnical parameters:<ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)</div> <div><div></div><table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTD30CR</td><td>1 pcs</td><td>20 pcs</td></tr></table></div>	Packaging			Index	individual	bulk	ZTD30CR	1 pcs	20 pcs
Packaging										
Index	individual	bulk								
ZTD30CR	1 pcs	20 pcs								
 pipe connector set:  multilayer copper	<div>Description</div> <div>Decorative integrated angle thermostatic set, white</div> <div>Elements of the set:<ul style="list-style-type: none">• GT30 thermostatic head• integrated angle valve• 15 mm copper pipe connectors• 16x2 mm multilayer pipe connectors• 3/4" x 1/2" radiator nipplesThermostatic head:<ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: - 9°CTechnical parameters:<ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)</div> <div><div></div><table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTD30WH</td><td>1 pcs</td><td>20 pcs</td></tr></table></div>	Packaging			Index	individual	bulk	ZTD30WH	1 pcs	20 pcs
Packaging										
Index	individual	bulk								
ZTD30WH	1 pcs	20 pcs								
 pipe connector set:  multilayer copper	<div>Description</div> <div>Decorative integrated angle thermostatic set, anthracite</div> <div>Elements of the set:<ul style="list-style-type: none">• GT33 thermostatic head• integrated angle valve• 15 mm copper pipe connectors• 16 x 2 mm multilayer pipe connectors• 3/4" x 1/2" radiator nipplesThermostatic head:<ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: - 9°CTechnical parameters:<ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)</div> <div><div></div><table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTD30AT</td><td>1 pcs</td><td>20 pcs</td></tr></table></div>	Packaging			Index	individual	bulk	ZTD30AT	1 pcs	20 pcs
Packaging										
Index	individual	bulk								
ZTD30AT	1 pcs	20 pcs								











RADIATOR SETS

Description		
 <p>50 mm</p> <p>pipe connector set:</p>  <p>multilayer copper</p>	<p>Decorative integrated angle thermostatic set, black</p> <p>Elements of the set:</p> <ul style="list-style-type: none">• 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 <p>Thermostatic head:</p> <ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: ~ 9°C <p>Technical parameters:</p> <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar) <div></div>	
		Packaging
Index	individual	bulk
ZTD30BL	1 pcs	20 pcs

 <p>pipe connector set:</p>  <p>multilayer copper</p>	<p>Decorative axial thermostatic set, chrome</p> <p>Elements of the set:</p> <ul style="list-style-type: none">• GT31 thermostatic head• 1/2" axial thermostatic valve• 1/2" axial cut-off valve• 15 mm copper pipe connectors• 16x2 mm multilayer pipe connectors <p>Thermostatic head:</p> <ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: ~ 9°C <p>Technical parameters:</p> <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar) <div></div>	
		Packaging
Index	individual	bulk
ZTO30CR	1 pcs	20 pcs

 <p>pipe connector set:</p>  <p>multilayer copper</p>	<p>Decorative axial thermostatic set, white</p> <p>Elements of the set:</p> <ul style="list-style-type: none">• GT30 thermostatic head• 1/2" axial thermostatic valve• 1/2" axial cut-off valve• 15 mm copper pipe connectors• 16x2 mm multilayer pipe connectors <p>Thermostatic head:</p> <ul style="list-style-type: none">• connection: M30 x 1.5• max. ambient temperature: 50°C• adjustment scale: * - 5• adjustment range: up to 30°C• anti-freeze protection: ~ 9°C <p>Technical parameters:</p> <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar) <div></div>	
		Packaging
Index	individual	bulk
ZTO30WH	1 pcs	20 pcs

Description											
<div></div> <div>pipe connector set:</div> <div><div><div>multilayer</div></div><div><div>copper</div></div></div> <div></div> <div><table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTO30AT</td><td>1 pcs</td><td>20 pcs</td></tr></table></div>			Packaging			Index	individual	bulk	ZTO30AT	1 pcs	20 pcs
Packaging											
Index	individual	bulk									
ZTO30AT	1 pcs	20 pcs									
<div></div> <div>pipe connector set:</div> <div><div><div>multilayer</div></div><div><div>copper</div></div></div> <div></div> <div><table><tr><th colspan="3">Packaging</th></tr><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTO30BL</td><td>1 pcs</td><td>20 pcs</td></tr></table></div>			Packaging			Index	individual	bulk	ZTO30BL	1 pcs	20 pcs
Packaging											
Index	individual	bulk									
ZTO30BL	1 pcs	20 pcs									



RADIATOR SETS

Description			
	Decorative straight thermostatic set, chrome Elements of the set: <ul style="list-style-type: none"> • GT31 thermostatic head • 1/2" straight thermostatic valve • 1/2" straight cut-off valve Thermostatic head: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) 		
		Packaging	
Index		individual	bulk
ZTM30CR		1 pcs	20 pcs
	Decorative straight thermostatic set, white Elements of the set: <ul style="list-style-type: none"> • GT30 thermostatic head • 1/2" straight thermostatic valve • 1/2" straight cut-off valve Thermostatic head: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) 		
		Packaging	
Index		individual	bulk
ZTM30WH		1 pcs	20 pcs
	Decorative straight thermostatic set, anthracite Elements of the set: <ul style="list-style-type: none"> • GT33 thermostatic head • 1/2" straight thermostatic valve • 1/2" straight cut-off valve Thermostatic head: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) 		
		Packaging	
Index		individual	bulk
ZTM30AT		1 pcs	20 pcs
	Decorative straight thermostatic set, black Elements of the set: <ul style="list-style-type: none"> • GT34 thermostatic head • 1/2" straight thermostatic valve • 1/2" straight cut-off valve Thermostatic head: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • max. working temperature: 100°C • max. working pressure: 1 MPa (10 bar) 		
		Packaging	
Index		individual	bulk
ZTM30BL		1 pcs	20 pcs

Description								
	Decorative angle thermostatic set, chrome							
	Elements of the set: <ul style="list-style-type: none">• GT31 thermostatic head• 1/2" angle thermostatic valve• 1/2" angle cut-off valve Thermostatic head: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)							
		Packaging						
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM31CR</td><td>1 pcs</td><td>20 pcs</td></tr></table>			Index	individual	bulk	ZTM31CR	1 pcs	20 pcs
Index	individual	bulk						
ZTM31CR	1 pcs	20 pcs						
	Decorative angle thermostatic set, white							
	Elements of the set: <ul style="list-style-type: none">• GT30 thermostatic head• 1/2" angle thermostatic valve• 1/2" angle cut-off valve Thermostatic head: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)							
		Packaging						
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM31WH</td><td>1 pcs</td><td>20 pcs</td></tr></table>			Index	individual	bulk	ZTM31WH	1 pcs	20 pcs
Index	individual	bulk						
ZTM31WH	1 pcs	20 pcs						
	Decorative angle thermostatic set, anthracite							
	Elements of the set: <ul style="list-style-type: none">• GT33 thermostatic head• 1/2" angle thermostatic valve• 1/2" angle cut-off valve Thermostatic head: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)							
		Packaging						
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM31AT</td><td>1 pcs</td><td>20 pcs</td></tr></table>			Index	individual	bulk	ZTM31AT	1 pcs	20 pcs
Index	individual	bulk						
ZTM31AT	1 pcs	20 pcs						
	Decorative angle thermostatic set, black							
	Elements of the set: <ul style="list-style-type: none">• GT34 thermostatic head• 1/2" angle thermostatic valve• 1/2" angle cut-off valve Thermostatic head: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)							
		Packaging						
<table><tr><th>Index</th><th>individual</th><th>bulk</th></tr><tr><td>ZTM31BL</td><td>1 pcs</td><td>20 pcs</td></tr></table>			Index	individual	bulk	ZTM31BL	1 pcs	20 pcs
Index	individual	bulk						
ZTM31BL	1 pcs	20 pcs						



RADIATOR SETS

		Description	
		Decorative straight radiator set, chrome	
		Elements of the set: <ul style="list-style-type: none">• 1/2' straight control valve• 1/2' straight shut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)	
		Packaging	
		Index	individual
ZGB30CR		1 pcs	30 pcs
		Decorative straight radiator set, white	
		Elements of the set: <ul style="list-style-type: none">• 1/2' straight control valve• 1/2' straight shut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)	
		Packaging	
		Index	individual
ZGB30WH		1 pcs	30 pcs
		Decorative straight radiator set, anthracite	
		Elements of the set: <ul style="list-style-type: none">• 1/2' straight control valve• 1/2' straight shut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)	
		Packaging	
		Index	individual
ZGB30AT		1 pcs	30 pcs
		Decorative straight radiator set, black	
		Elements of the set: <ul style="list-style-type: none">• 1/2' straight control valve• 1/2' straight shut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)	
		Packaging	
		Index	individual
ZGB30BL		1 pcs	30 pcs

	Description		
	Decorative angle radiator set, chrome Elements of the set: <ul style="list-style-type: none">• 1/2' angle control valve• 1/2' angle cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)		
			
	Description		
	Decorative angle radiator set, white Elements of the set: <ul style="list-style-type: none">• 1/2' angle control valve• 1/2' angle cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)		
			
	Description		
	Decorative angle radiator set, anthracite Elements of the set: <ul style="list-style-type: none">• 1/2' angle control valve• 1/2' angle cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)		
			
	Description		
	Decorative angle radiator set, black Elements of the set: <ul style="list-style-type: none">• 1/2' angle control valve• 1/2' angle cut-off valve Technical parameters: <ul style="list-style-type: none">• max. working temperature: 100°C• max. working pressure: 1 MPa (10 bar)		
			

Packaging		
Index	individual	bulk
ZGB31CR	1 pcs	30 pcs


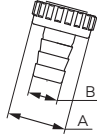



Packaging		
Index	individual	bulk
ZGB31WH	1 pcs	30 pcs




Packaging		
Index	individual	bulk
ZGB31AT	1 pcs	30 pcs

Packaging		
Index	individual	bulk
ZGB31BL	1 pcs	30 pcs



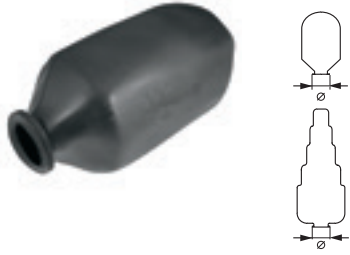

SPARE PARTS




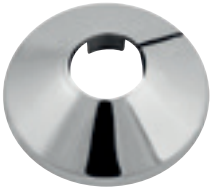
				Description		
 				Hose connection tip for bibcocks		
						
		Packaging		Retail (bags)		
A	B [mm]	for valve	Index	individual	bulk	Index
G3/4	15	1/2"	K44	50 pcs	450 pcs	K44W
G1	20	3/4"	K45	50 pcs	450 pcs	K45W
G1 1/4	28	1"	K46	25 pcs	-	K46W
				Ball valve handle		
				Packaging		
for valve			Index	individual	bulk	
3/8"			RKP10	1 pcs	-	
1/2"			RKP1	1 pcs	-	
3/4"			RKP2	1 pcs	-	
1"			RKP3	1 pcs	-	
1 1/4"			RKP4	1 pcs	-	
1 1/2"			RKP5	1 pcs	-	
2"			RKP6	1 pcs	-	
2 1/2"			RKP7	1 pcs	-	
3"			RKP8	1 pcs	-	
4"			RKP9	1 pcs	-	
				Flange – finish • galvanized steel		
				Packaging		
model	Ø [mm]	Size	Index	individual	bulk	
SV35	95	3/4"	CFF095TRF008Z	1 pcs	-	
SV50	95	1"	CFF095TRF007Z	1 pcs	-	
SV80	145	3/4"	CFF145TRF008Z	1 pcs	-	
SV100	145	1"	CFF145TRF007Z	1 pcs	-	
SV150	260	1 1/4"	CFF260TRF001V	1 pcs	-	

Description		
	Membrane fixing flange • model: 100 ÷ 500	
		Packaging
	Index TIR001Z	individual 1 pcs bulk -
	Membrane fixing flange • model: 750 ÷ 5000	
		Packaging
	Index TIR003Z	individual 1 pcs bulk -
	Air precharge valve for pressure tanks	
		Packaging
	Index VAL003	individual 1 pcs bulk -








SPARE PARTS





			Description		
			Expansion vessel membranes		
			Packaging		
for model	Ø [mm]	Index	individual	bulk	
R5, R8	45	ME008R	1 pcs	-	
R12	45	ME012R	1 pcs	-	
R18	45	ME018R	1 pcs	-	
R24	45	ME024R	1 pcs	-	
R35, R50, RV50	80	ME050R	1 pcs	-	
RV60, RV80	80	ME080R	1 pcs	-	
RV100	80	ME100R	1 pcs	-	
RV150	80	ME150R	1 pcs	-	
RV200, RV250, RV300	80	ME300R	1 pcs	-	
RV400, RV500	150	ME500R	1 pcs	-	
RV600	150	ME600R	1 pcs	-	
S8	45	ME008S	1 pcs	-	
S12	45	ME012S	1 pcs	-	
S18	45	ME018S	1 pcs	-	
S24	80	ME024S	1 pcs	-	
SV35, SV50	80	ME050S	1 pcs	-	
SV80	80	ME080S	1 pcs	-	
SV100	80	ME100S	1 pcs	-	
SV150	80	ME150S	1 pcs	-	
SV200	80	ME200S	1 pcs	-	
SV300	80	ME300S	1 pcs	-	
M2	45	ME002A	1 pcs	-	
A5, A8	45	ME008A	1 pcs	-	
A12	45	ME012A	1 pcs	-	
A18	45	ME018A	1 pcs	-	
A24	80	ME024A	1 pcs	-	
A35, AV50	80	ME050A	1 pcs	-	
AV80	80	ME080A	1 pcs	-	
AV100	80	ME100A	1 pcs	-	
AV150	80	ME150A	1 pcs	-	
AV200	150	ME200A	1 pcs	-	
AV300	150	ME300A	1 pcs	-	
			Ball valve butterfly		
			Packaging		
			Index	individual	bulk
KMS1, KSS1, KMS11, KMS2, KSS2, KMS21, KM1, KM2, KM21		MKM2	1 pcs	-	
KMS3, KSS3, MKS31, KM3, KM31		MKM3	1 pcs	-	
KS1, KM11		MKMKS1	1 pcs	-	
KS2		MKMKS2	1 pcs	-	
KS3		MKMKS3	1 pcs	-	

		Description	
		Pipe rosette • white	
		Packaging	
Dimensions	Index	individual	bulk
15 mm	RGB15	5 pcs	100 pcs
16 mm	RGB16	5 pcs	100 pcs
18 mm	RGB18	5 pcs	100 pcs
20 mm	RGB20	5 pcs	100 pcs
22 mm	RGB22	5 pcs	100 pcs
25 mm	RGB25	5 pcs	100 pcs
28 mm	RGB28	5 pcs	100 pcs
		Double pipe rosette • white	
		Packaging	
Dimensions	Index	individual	bulk
15 mm	RRPB15	1 pcs	20 pcs
16 mm	RRPB16	1 pcs	20 pcs
18 mm	RRPB18	1 pcs	20 pcs
20 mm	RRPB20	1 pcs	20 pcs
22 mm	RRPB22	1 pcs	20 pcs
28 mm	RRPB28	1 pcs	20 pcs
		Double pipe rosette • chrome	
		Packaging	
Dimensions	Index	individual	bulk
18 mm	RGPC18	1 pcs	20 pcs
22 mm	RGPC22	1 pcs	20 pcs
		Pipe rosette • chrome	
		Packaging	
Dimensions	Index	individual	bulk
15 mm	RRPC15	2 pcs	40 pcs
16 mm	RRPC16	2 pcs	40 pcs
18 mm	RRPC18	2 pcs	40 pcs
20 mm	RRPC20	2 pcs	40 pcs
22 mm	RRPC22	2 pcs	40 pcs
25 mm	RRPC25	2 pcs	40 pcs
28 mm	RRPC28	2 pcs	40 pcs



SPARE PARTS

		Description		
		Set of gaskets for gas heaters		
		Packaging		
Index		individual	bulk	
UWOG		1 set	20 set	
		Aluminium radiator gasket		
		Packaging		
Dimensions		Index	individual	bulk
3/4"		GG34EKO	4 pcs	80 pcs
		Aluminium radiators 1" plug gasket		
		Packaging		
Dimensions		Index	individual	bulk
1"		GG4W	4 pcs	-
		Cast iron radiator gasket		
		Packaging		
Dimensions		Index	individual	bulk
5/4"		GG54EKO	4 pcs	80 pcs
		EKO gasket for cast iron unions		
		Packaging		
Dimensions		Index	individual	bulk
1/2"		USDZ12	2 pcs	800 pcs
3/4"		USDZ34	2 pcs	800 pcs
1"		USDZ1	2 pcs	800 pcs

		Description		
		Rubber gasket for 1" cast iron unions		
		Packaging		
Dimensions		Index	individual	bulk
1"		USDZ1G	2 pcs	800 pcs
		Watermeter fiber gasket		
		Packaging		
Dimensions		Index	individual	bulk
1"		USW1	4 pcs	800 pcs
3/4"		USW34	4 pcs	800 pcs
		EPDM rubber washer for 6/4" circulation pump		
		Packaging		
Dimensions		Index	individual	bulk
44x32x3 mm		GG10	1 pcs	-
		Teflon tape		
		Packaging		
Dimensions		Index	individual	bulk
12 x 10 x 1,205 mm		T01	1 pcs	1000 pcs
12 x 10 x 0,1 mm		T04	1 pcs	1000 pcs
19 x 15 x 0,2 mm		T05		



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SANITARY FITTINGS & ACCESSORIES

BATHROOM FITTINGS



Eco+
Products with this sign use less water and energy compared to standard models.



Thermostatic mixer
The hot water lock protects against scalding and ensures a constant water temperature of 38°C.



Click-clack
Products with this icon come with a click-clack plug, which can be opened and closed by pressing it.



Multiple types of jet
Possibility to change the type of stream.



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.



Easy Clean
Spray handle nozzles and aerators made of plastic from which limescale deposits are easily removed.



Pull-out shower handle
Mixer with pull-out shower handle.



Anti Twist
Hoses with an Anti-Twist tip do not twist.



Ferro Eco Save
Ferro Eco Save limiter allow water savings of up to 50%. Installed in shower mixers they reduce the water flow.



AutoClean
The function of automatic removal of limescale from shower handle nozzles



Two sources
The product allows you to connect and use two water outputs.



Vertical adjustment
Vertical adjustment of the mounting bar.



FerroClick
Hot water control system and full open flow control system.



AIR-IN System
The spray handle aeration system, thanks to which we save water while maintaining the comfort of a large jet.



Adjustable spray angle
Infinitely adjustable setting of the angle of the rainshower plate



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.



Pull-out spout
The spout with pull-out hose increases the comfort of filling high vessels and allows for precise washing and rinsing.



Rotational spout
The spout rotates 360 degrees.



Reversible sink
The sink can be installed so that, depending on the needs, the drainer is on the left or right side.



Shower / Spray
A mixer with the ability to switch between two types of spray.



Flexible spout
The spout can be freely controlled to precisely direct the jet when rinsing or filling dishes.



Two spouts
A product with two independently controlled spouts.



Siphon trap included
Products equipped with a siphon.



Mixer for unpressurised, flow-through water heaters

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.



Check valve



Filter



Neodymium magnet

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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