

2024 PRICELIST



Innovative solutions for smart people



The Company SYR	4
<hr/>	
Your contact	
Trade and OEM Export	5
<hr/>	
Our business areas [1-7]	
1. Water technology / Water treatment	7
2. Filter technology	47
3. Pressure regulation	75
4. Safety devices	89
5. Valves for potable water heaters	105
6. Water treatment for heating systems	135
7. Heating valves	149
<hr/>	
Miscellaneous [8]	177
Product overview	178
General terms and conditions of delivery and payment	191

**Expertise from a single source.
SYR - Efficient building services.**

The SYR Hans Sasserath GmbH & Co. KG stands for worldwide innovative and high quality system solutions for drinking water and heating water management. For 80 years the family-owned company produces in Korschenbroich, Germany valves and systems for drinking water installations, heating protection and heating water treatment. Experience and know-how flows into the continuously developed SYR products. So SYR sets new milestones in the installation technology. Innovation, safety and responsibility - these are the SYR values, after which the company develops and markets its products.

Around the valuable resource water SYR will meet this responsibility with a complete program for domestic water installation: A thoughtful and balanced range of reliable safety and optimum comfort.

Water, warmth, well-being and energy saving: In the heating protection and heating water treatment segment SYR provides product solutions for the economical, trouble free and long lasting operation of modern heating systems.

So the SYR Hans Sasserath GmbH & Co. KG today offers a complete range of safer, more environmentally friendly, economical and modern hygienic products. Holistic competence and many advantages for the SYR partners.



Your Contact Person **Trade and OEM Export**



Tobias Ramrath
Sales Manager
+49 2161 6105-66
ramrath@syr.de



Ralf Esser
International Sales and
Administration Manager
+49 2161 6105-41
esser@syr.de



Kevin Zucht
Key Account Manager
+49 2161 6105-988
kevin.zucht@syr.de



Lutz Bünzel
Productmanagement
Water Technology
International
+49 2161 6105-74
lutz.buenzel@syr.de



Gaby Rhode
Sales Representative
+49 2161 6105-196
rhode@syr.de



Monika Wypchlo
Sales Representative
+49 2161 6105-984
wypchlo@syr.de



Philip Kremers
Sales Representative
+49 2161 6105-947
philip.kremers@syr.de





Water technology / Water treatment

Water Goes Wireless - SYR Connect	8
TRIO DFR/LS Connect 2425	10
SafeTech+ Connect Leakage Protection	12
SafeTech Connect Leakage Protection	14
SafeFloor Wireless Floor Sensor	16
HygBox Hygiene Control 2622	18
Neosoft 2500 Connect Single water softener	20
Neosoft 5000 Connect Duplex water softener	22
Single Water Softener LEX Plus 10 Connect	24
Single Water Softener LEX Plus 10 S Connect	26
Single Water Softener LEX Plus 10 SL Connect	28
Single Water Softener LEX 1500 Connect 10-30	30
Single Water Softener LEX 1500 Connect 40-100	32
Duplex Water Softener LEX 1500 Connect 10-30	34
Duplex Water Softener LEX 1500 Connect 40-100	36
Alternating Water Softener LEX 1500 Connect 10-30	38
Alternating Water Softener LEX 1500 Connect 40-100	40
Triple Water Softener LEX T 1500 Connect	42
Dosing Pump NeoDos Connect	44



The SYR Connect System. Smart water management for comfortable all-round protection.

In the four areas leakage protection, water treatment, hygiene control and heating system monitoring, the responsible valves for the respective area are controlled and monitored with the free SYR app via Smartphone or computer browser.

Due to the internet-based swarm intelligence (ISI) all valves can be networked and centrally controlled.

This is how water management becomes flexible: from single-family homes to large properties a comprehensive, reliable and controllable all-round protection is possible. SYR Connect - awarded the SmartHome Award.

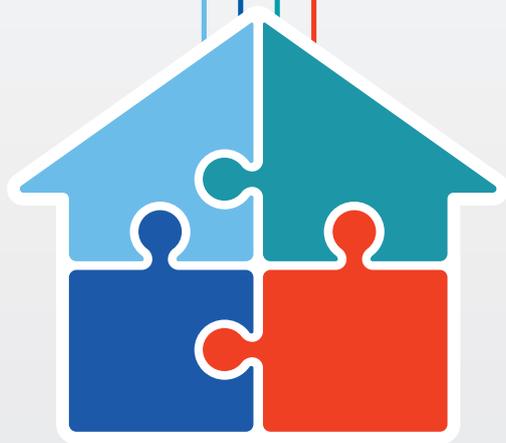
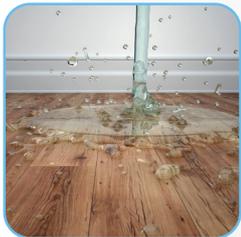


Leakage protection

Water treatment

Hygiene control

Heating control



ISI Object Connect System
Internet-based swarm intelligence





TRIO DFR/LS Connect 2425

Backwash filter with pressure reducing valve and leakage protection

The SYR TRIO DFR/LS Connect is a combination of a semi-automatic backwashable filter according to DIN EN 13443-1, a pressure reducer according to DIN EN 1567 and a leakage protection according to DIN 3553.

Once the integrated leakage protection of the TRIO DFR/LS Connect has been activated, it permanently and reliably monitors the installation.

The TRIO DFR/LS is part of the CONNECT SYSTEM. It has integrated WiFi, a LAN connection and is controlled via SYR App and smartphone. The TRIO DFR/LS Connect fits on the SYR flange program. The flange can be mounted vertically and horizontally. The scope of delivery includes a flange gasket, hexagon socket screws for flange mounting and a mounting key.

The Trio DFR/LS is installed on SYR connection flange (DN 20 to 32) (page 52)

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Mounting position	horizontal main axis
Flow rate according to DIN EN 1567	
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 1.1 bar
DN 32	3.6 m³/h at Δp 1.1 bar
Electricity supply	5 V / 50 Hz
Battery	4 x 1.5 V AA (LR6)
Standard wireless protocol	WiFi 2.4 GHz / WPA/WPA2
Protection class	IPX3

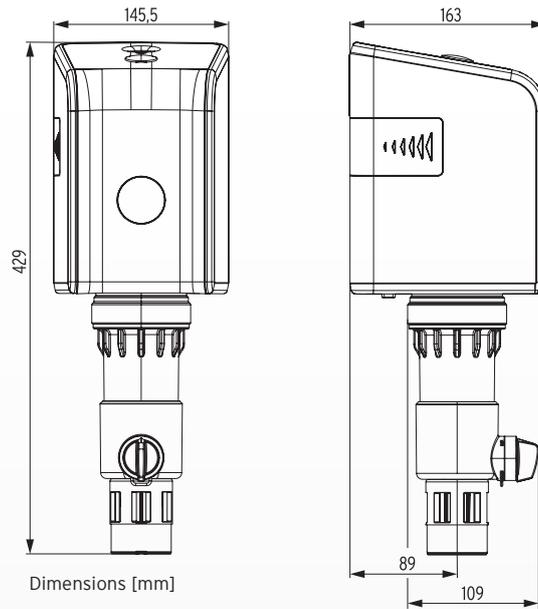
- Prevents pitting and corrosion
- Backwash system with strong efficiency
- Reliably regulates water pressure
- Complete pressure reducer cartridge for quick maintenance
- Integrated WiFi/LAN
- Control and monitoring via SYR app
- Notifications via push message/email (online mode)
- Reliably protects against expensive water damage and wastage
- Leakage protection self-learning phase can be activated
- Several user profiles adjustable
- Can be used with the NeoSoft Connect soft water system and/or the SafeFloor Connect floor sensors can be connected
- Fits on the SYR flange system

	Order-No.	Price (€)	KG
TRIO DFR/LS Connect 2425	2425.00.000	703.10	2

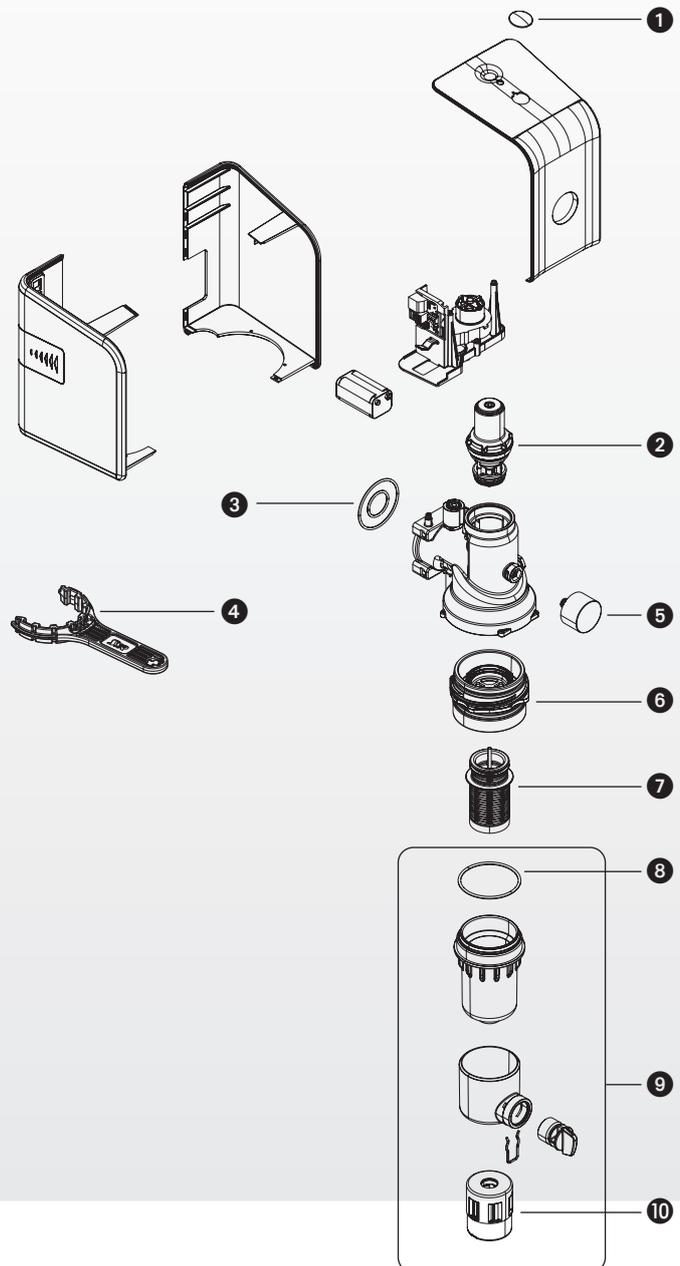
Accessories		Order-No.	Price (€)	KG
Flange	DN 20	2315.20.200	74.20	1
	DN 25	2315.25.200	94.90	1
	DN 32	2315.32.200	119.25	1

Spare parts		Order-No.	Price (€)	KG
Adapter for filter cup		2425.00.911	20.30	2
Filter cup complete		2425.00.912	114.75	2
Filter element		2425.00.909	70.20	2
Gasket set		2425.00.903	9.05	2
Key for filter cup		2425.00.907	24.25	2
O-ring for filter cup		2425.00.904	3.95	2
Plug		2425.00.908	3.95	2
Pressure gauge		2425.00.906	23.30	2
Pressure reducer		2425.00.902	106.65	2
Tundish		2315.01.921	13.85	2

TRIO DFR/LS Connect Internet-based Filter and Leakage Protection



- 1 Plug
- 2 Pressure reducer
- 3 Flange seal
- 4 Key for filter
- 5 Manometer
- 6 Adapter for filter cup
- 7 Filter element
- 8 O-ring
- 9 Filter cup complete
- 10 Tundish





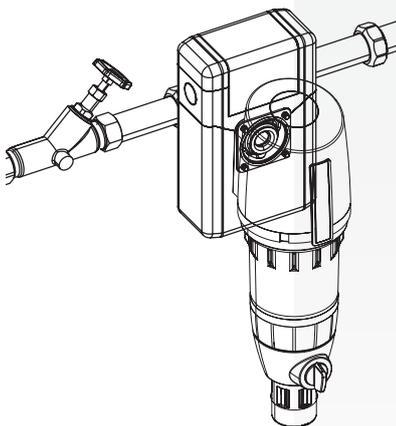
SafeTech+ Connect 2422

Leakage protection with monitoring function

The SafeTech+ Connect leakage protection is installed at the point of entry downstream of the water meter.

The SafeTech+ Connect continuously measures flow, pressure and temperature and determines the hardness range of the water. If the unit detects unusual consumption and the set values are exceeded the SafeTech shuts off the water supply immediately. The micro leakage test allows to detect even the smallest leaks. During a self-learning phase it monitors individual consumption patterns and allows to easily adjust the settings. Additionally the SafeTech+ Connect can be linked with several wireless floor sensors SafeFloor Connect.

The SafeTech+ is installed on SYR connection flange (DN 20 to 32) (page 52) and can be fitted with SYR DRUFI filter.



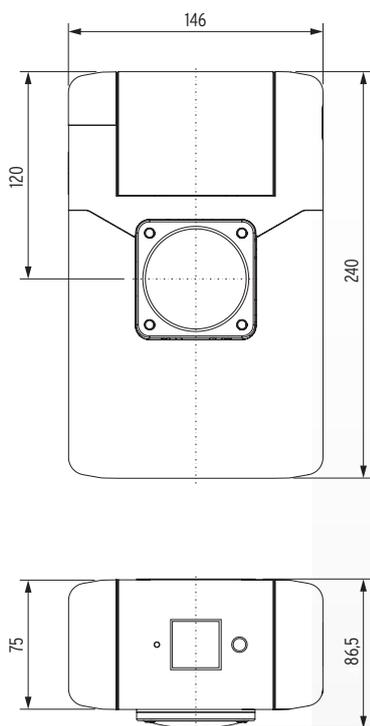
Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	60 °C
Fluid	potable water
Flow rate	
DN 20	5.2 m ³ /h at Δp 1.0 bar
DN 25	5.7 m ³ /h at Δp 1.0 bar
DN 32	6.0 m ³ /h at Δp 1.0 bar
Electricity supply	5V DC
Battery	4 x LR6 (AA)
Standard wireless protocol	WiFi 2.4 GHz / WPA/WPA2
Protection class	TCPIP/IPv4



	Order-No.	Price (€)	KG
SafeTech+ Connect	2422.00.010	849.25	2

- Integrated WiFi
- Control and monitoring via SYR app
- Notifications via push message/email (online mode)
- Reliably protects against expensive water damage and wastage
- Vacation monitoring and special absence function
- Perfect combination with the SYR DRUFI+: the SafeTech+ Connect fits between DRUFI and flange
- Can control one or more SafeFloor Connect sensors
- Emergency open function
- In case of power failure emergency operation by battery
- Determines the hardness range, measures water pressure and temperature
- Several user profiles adjustable

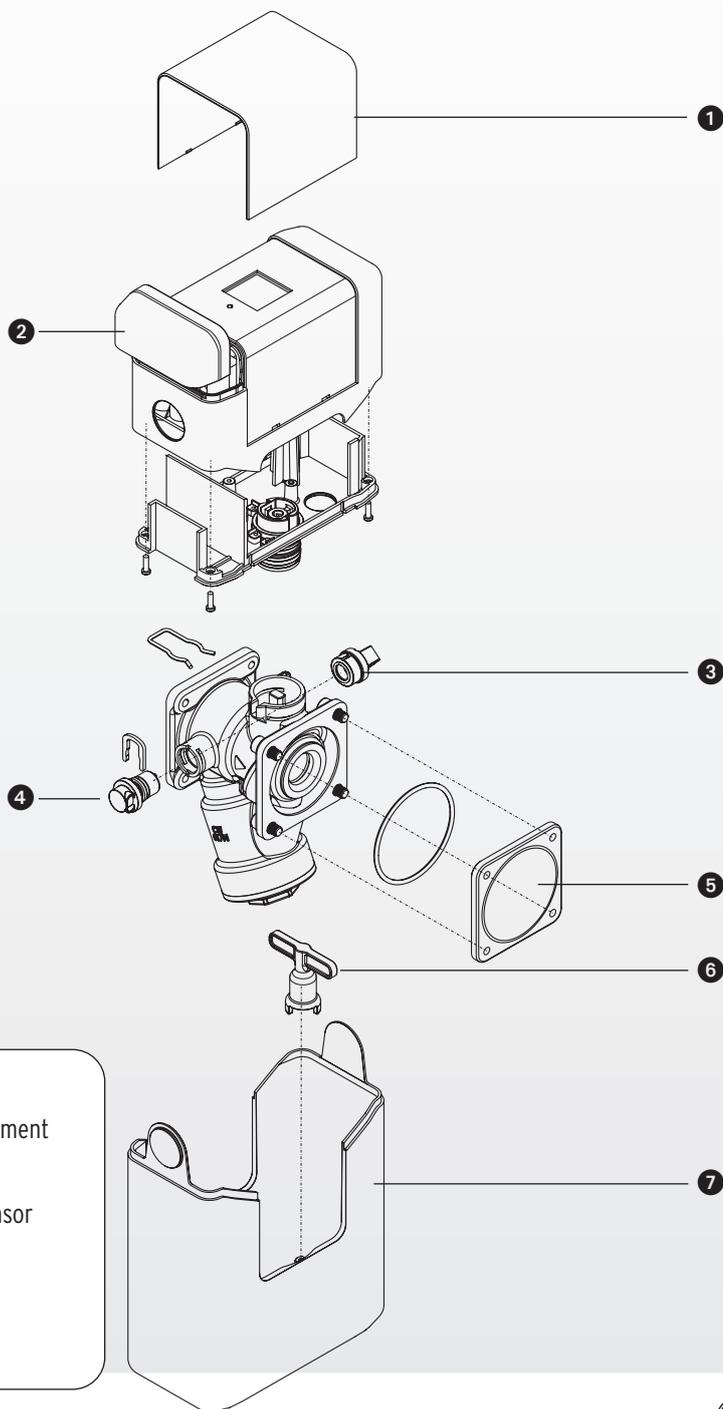


Accessories		Order-No.	Price (€)	KG
Flange	DN 20	2315.20.200	74.20	1
	DN 25	2315.25.200	94.90	1
	DN 32	2315.32.200	119.25	1

Spare parts		Order-No.	Price (€)	KG
DC built-in socket with wire		2422.00.905	11.65	2
Pressure sensor with wire		2422.00.902	65.15	2
Conductivity measuring cartridge		2422.00.901	35.85	2
Reed contact		2422.00.903	29.35	2
Strainer		2422.00.900	9.80	2
Temperature sensor		2422.00.904	32.65	2

**Dimensions
(mm) DN 20- 32**

H	240
L	146
B	75
b	86



- 1 Panel
- 2 Battery compartment
- 3 Pressure sensor
- 4 Conductivity sensor
- 5 Blanking cap
- 6 Emergency key
- 7 Shell



SafeTech Connect 2422

Leakage protection with monitoring function

The SafeTech Connect leakage protection is installed at the point of entry downstream of the water meter.

The SafeTech Connect continuously measures flow, pressure and temperature and determines the hardness range of the water. If the unit detects unusual consumption and the set values are exceeded the SafeTech shuts off the water supply immediately. The micro leakage test allows to detect even the smallest leaks. During a self-learning phase it monitors individual consumption patterns and allows to easily adjust the settings.

Additionally the SafeTech Connect can be linked with several wireless floor sensors SafeFloor Connect.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	60 °C
Fluid	potable water
Mounting position	any
Flow rate	
DN 20	6.4 m ³ /h at Δp 1.0 bar
DN 25	7.3 m ³ /h at Δp 1.0 bar
DN 32	7.7 m ³ /h at Δp 1.0 bar
Electricity supply	12V DC
Battery	1 x 6LR61 (9V Block)
Buffer battery (on board)	1 x CR 2032
Standard wireless protocol	WiFi
Network support	TCPIP/IPv4, upgradable to TCPIP/IPv6 MQTT via Port 8883
Protection class	IPX3

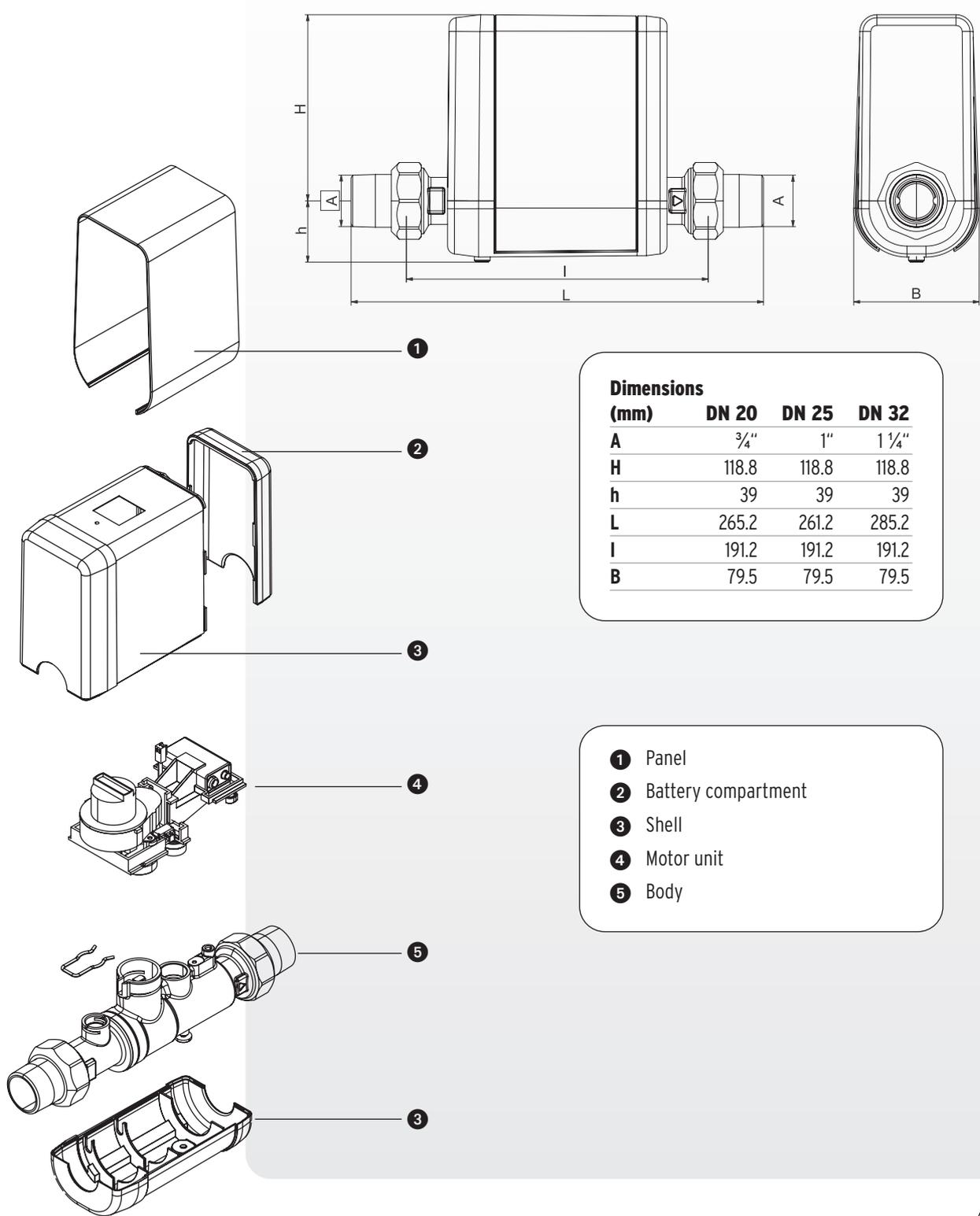
		Order-No.	Price (€)	KG
SafeTech Connect	DN 20	2422.20.200	692.90	2
	DN 25	2422.25.200	703.30	2
	DN 32	2422.32.200	717.70	2

- The free SYR app enables full function control with many features
- Notifications via e-mail in online mode
- Vacation monitoring and special absence function
- As 'swarm' for the protection of line sections, apartment buildings and larger objects
- Can control multiple SafeFloor sensors
- Motor-controlled shut-off valve without pressure surges
- Emergency opening function
- In case of power failure emergency operation by battery (max. 4 weeks)
- Determines water hardness, measures water pressure and temperature
- Installation directly in the pipeline - robust, sturdy brass screw fitting
- Several user profiles adjustable

SafeTech Connect Internet-based Leakage Protection

1

Spare parts	Order-No.	Price (€)	KG
DC built-in socket with wire	2422.00.905	11.65	2
Pressure sensor with wire	2422.00.902	65.15	2
Conductivity measuring cartridge	2422.00.901	35.85	2
Reed contact	2422.00.903	29.35	2
Strainer	2422.00.900	9.80	2
Temperature sensor	2422.00.904	32.65	2



Dimensions (mm)	DN 20	DN 25	DN 32
A	3/4"	1"	1 1/4"
H	118.8	118.8	118.8
h	39	39	39
L	265.2	261.2	285.2
I	191.2	191.2	191.2
B	79.5	79.5	79.5

- 1 Panel
- 2 Battery compartment
- 3 Shell
- 4 Motor unit
- 5 Body





SafeFloor Connect 2422 Wireless floor sensor

The SafeFloor Connect wireless floor sensor is used for critical and/or particularly special monitoring applications. If the smart sensor detects water on the floor, a too low room temperature or a too high humidity, it warns you with a flashing LED and a warning sound and reports this to your smartphone or tablet.

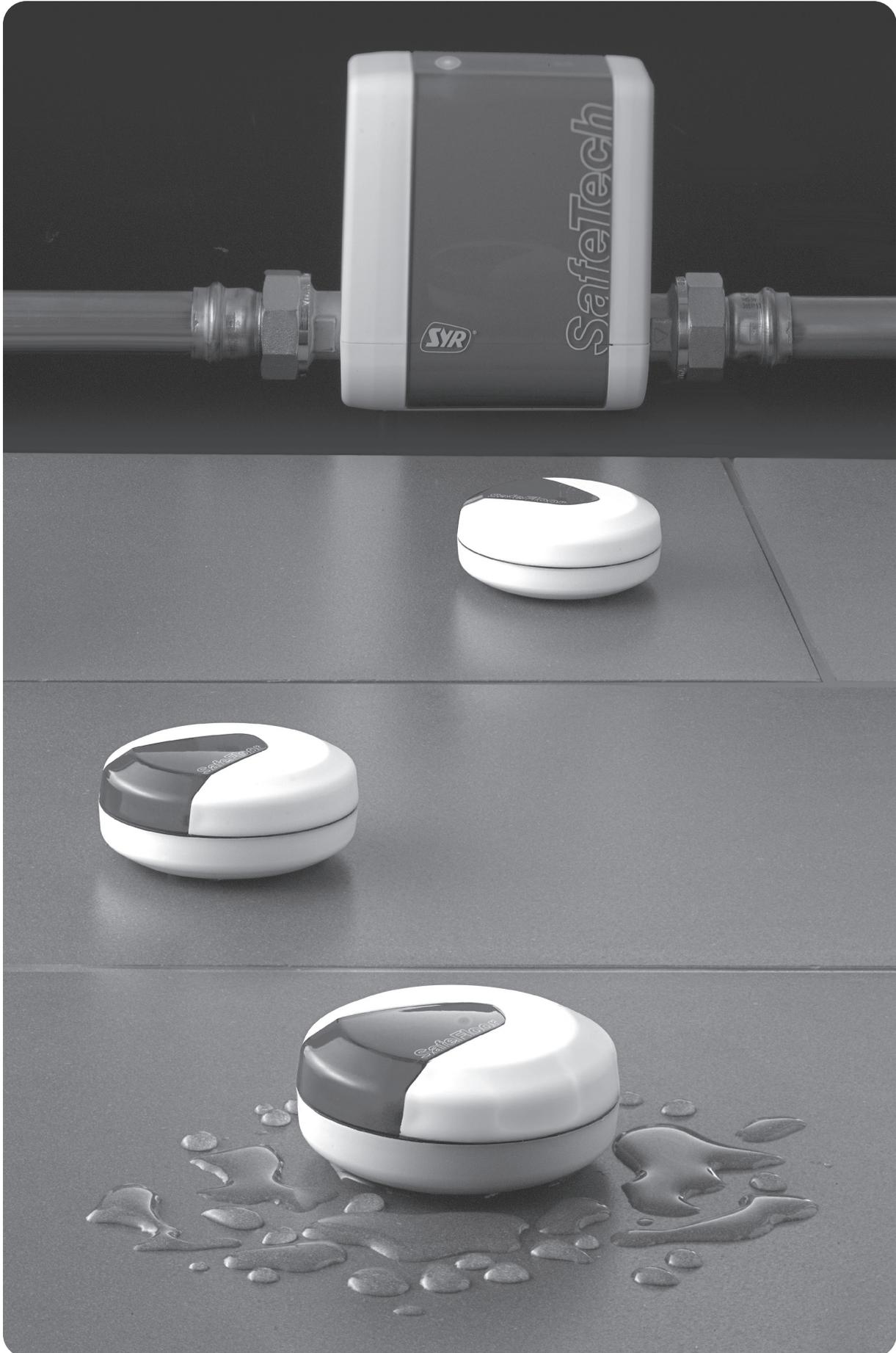
Several SafeFloor Connect sensors can be used. With the help of the SafeTech Connect leakage protection (page 14), the SafeTech+ Connect leakage protection (page 12) or the TRIO DFR/LS (page 10) the sensors can be managed. In this case the SafeTech Connect or the SafeTech+ Connect works as a control centre, registers the received data and becomes active accordingly.

Technical specifications

Standard wireless protocol	WiFi 2.4 GHz WPA/WPA2 protected
Battery	2 x AA 1.5 Mignon
Network support	TCP/IP/IPv4
Protection class	IPX 4

	Order-No.	Price (€)	KG
SafeFloor Connect 2	2422.00.200	119.40	

- The SafeFloor can be controlled via Internet or WiFi using the SYR app.
- Notifications via e-mail in online mode
- Measures air humidity, temperature and water leakage



HygBox Connect 2622

Internet-based hygiene control



The HygBox Connect with integrated WiFi is the uncomplicated and inexpensive solution for the intended operation of drinking water installations. The HygBox can be used at washbasins and wash stations, kitchen sinks as well as in commercial and small industrial applications. It is installed without great effort, monitors the installation area and triggers flushing based on the set stagnation time or water temperature. Flush volume, temperature and pressure are logged, can be retrieved at any time via the SYR App, can be viewed in the html format and can be exported in html format and stored on an USB stick.



Installation as single device or warm/cold combination

Technical specifications

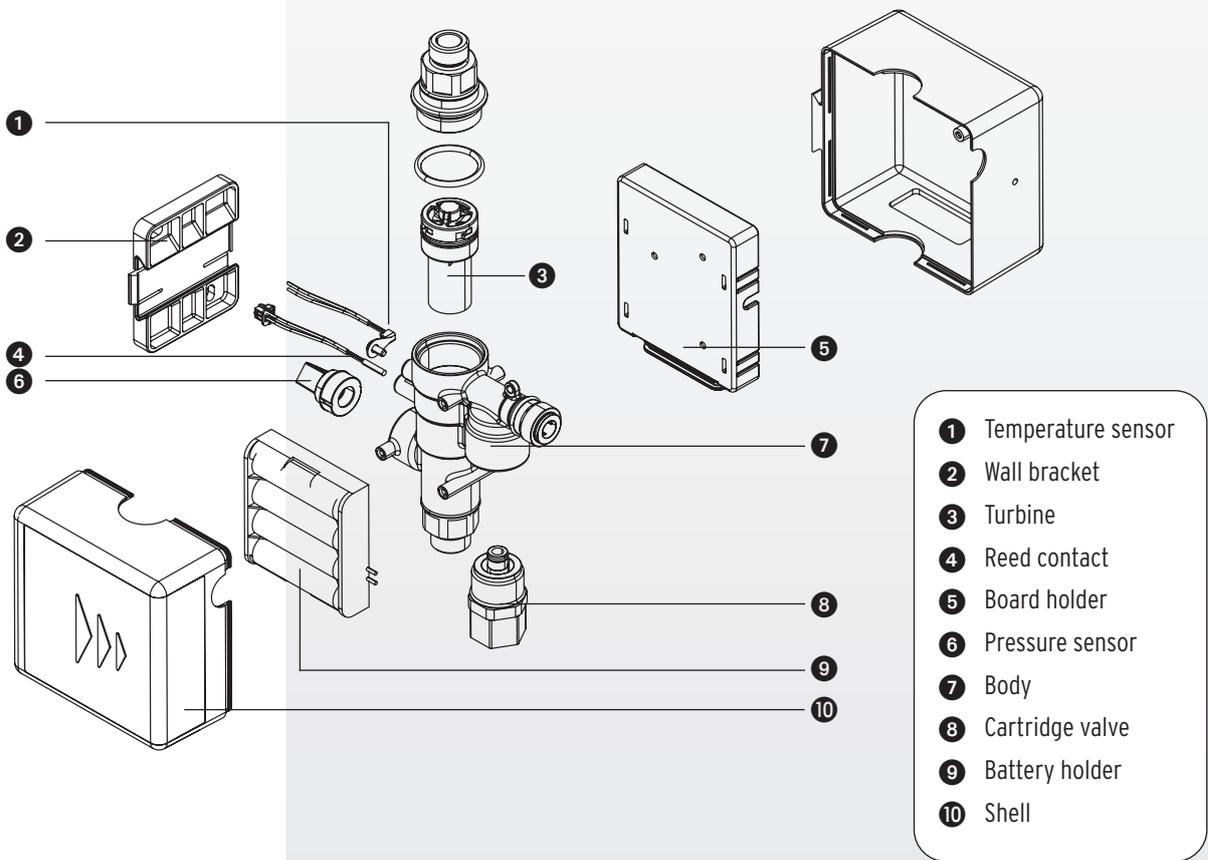
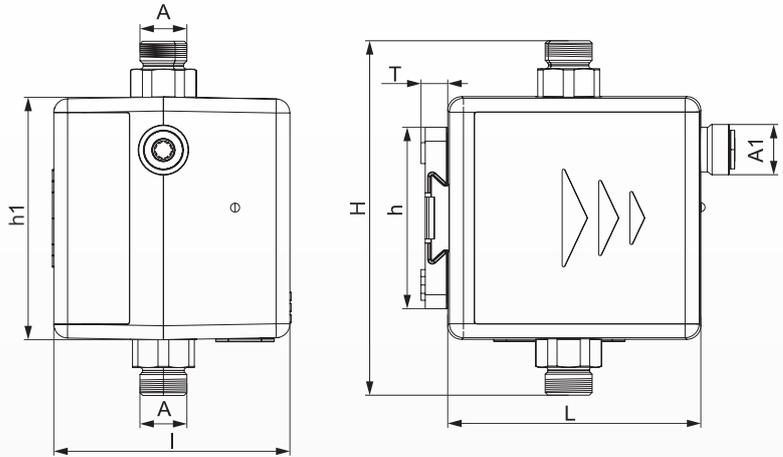
Operating pressure	1 - 10 bar
Max. operating temperature	60 °C (80 °C approved for thermal disinfection)
Fluid	potable water
Flow rate	2.0 m³/h at Δp 1.0 bar
Voltage	6V DC
Voltage power supply	12V DC
Batteries	4 x LR6 AA
Protecting class	IPX4

	Order-No.	Price (€)	KG
HygBox Connect	2622.15.000	489.90	2

Accessories	Order-No.	Price (€)	KG
Connection set siphon	2622.00.900	97.15	2
Connection set waste water	2622.00.901	69.10	2
Connection set 2 Boxes	2622.00.902	50.95	2
Adhesive set for wall bracket	2622.00.909	22.95	2
Power supply	1500.01.915	39.00	2

Spare parts	Order-No.	Price (€)	KG
Cable for pressure sensor	2622.00.905	79.95	2
Cartridge valve	2622.00.904	89.10	2
Reed-Contact 2.5 mm	2622.00.907	58.45	2
Reed-Contact 4 mm	2622.00.908	58.45	2
Temperature sensor	2622.00.906	23.80	2
Wall bracket	2622.00.903	6.85	2

Dimensions (mm)	
A	G 3/8"
A1	18 mm for hose (8 mm ϕ)
H	127
h	65
h1	87
L	90
l	82.5
T	9.5





NeoSoft 2500 Connect Single water softener

The NeoSoft 2500 Connect is a single softener with state-of-the-art communication technology and works according to the proven ion exchange process. The capacity of the NeoSoft 2500 Connect is designed to partially soften the entire water consumption of a detached house. The automatic, consumption-dependent selection of the operating mode (ECO, Standard or Power), economical operation is guaranteed at all times. The NeoSoft 2500 Connect has a touchscreen that can be used to intuitively call up and enter information. If the system is online, it can also be controlled via the SYR app. The NeoSoft Connect has a hose-in-hose system. Thanks to the ready-to-connect and the fully automatic setting of the water hardness, the system can be installed and commissioned quickly.

Do not forget to order the SYR connection flanges (page 52) and regeneration salt!

Technical specifications

Operating pressure	2 - 8 bar
Nominal pressure	max. 10 bar
Operating temperature	5 - 30 °C
Ambient temperature	5 - 40 °C
Fluid	potable water
Flow rate DIN 14743	1.5 m ³ /h at Δp 1.0 bar
DIN 19636 from 20 °dH to 8 °dH	2.3 m ³ /h at Δp 1.0 bar
Resin volume	7.5 litres
Voltage power supply	230V / 50 Hz / 6W
Nominal capacity	Eco 8 m ³ x °dh Standard 15 m ³ x °dh Power 22 m ³ x °dh
Salt consumption / regeneration	0.2 - 0.95 kg
max. Residential units	1 - 3

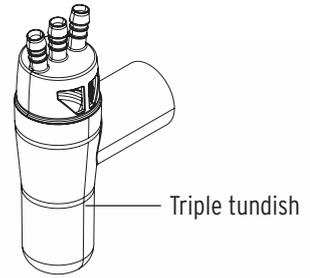
	Order-No.	Price (€)	KG
NeoSoft 2500 Connect	2500.00.000	2,800.55	2

- Integrated WiFi
- Control and monitoring via SYR app
- Simple semi-automatic start-up
- Intuitive, simple control of the system
- Automatic selection of the operating mode (Eco, Standard, Power)
- Salt level indicator
- Pre-assembled ready for connection
- New single-hose system
- Connection set for the NeoDos Connect dosing pump included
- Fits on the SYR universal flange DN 20 to 32
- Sandwich flange for SafeTech+ Connect, DRUFI+ and/or TRIO DFR/LS

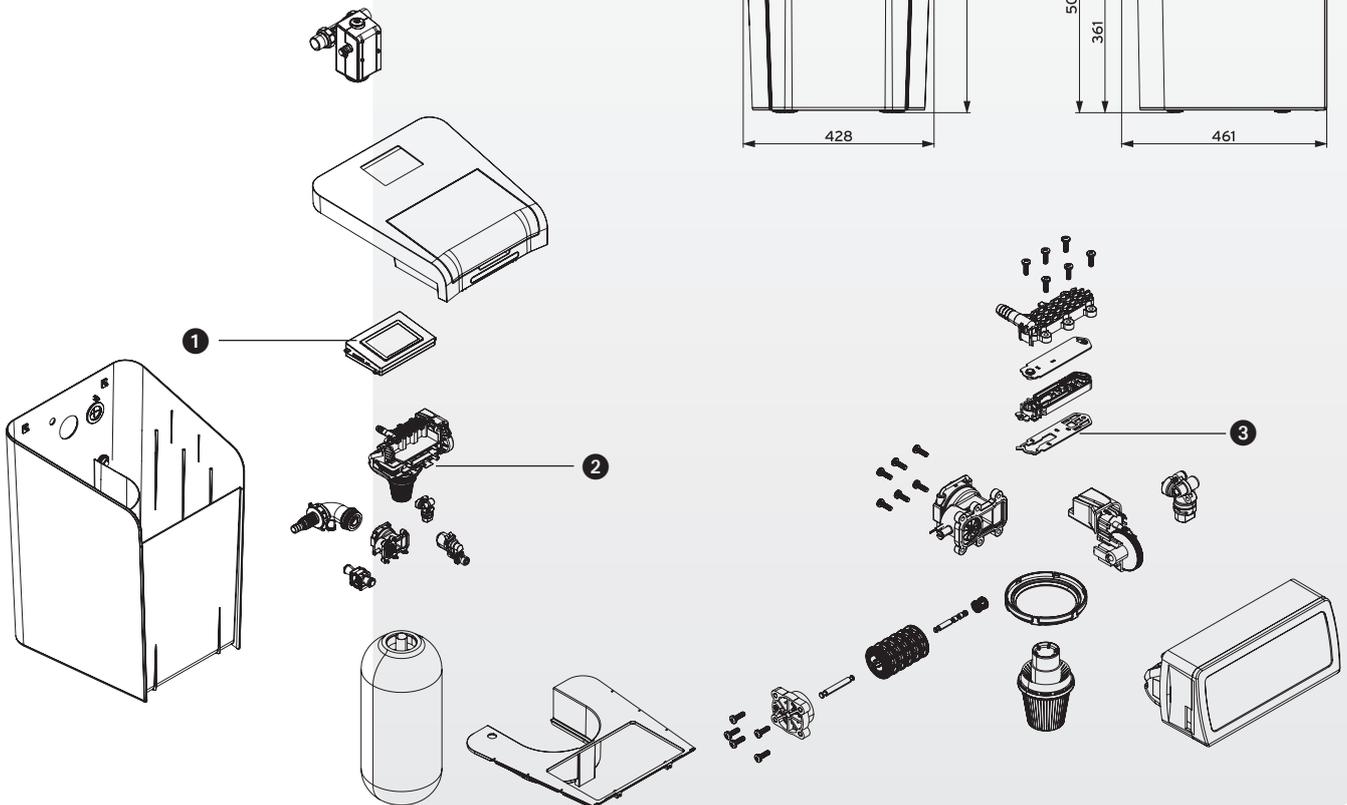
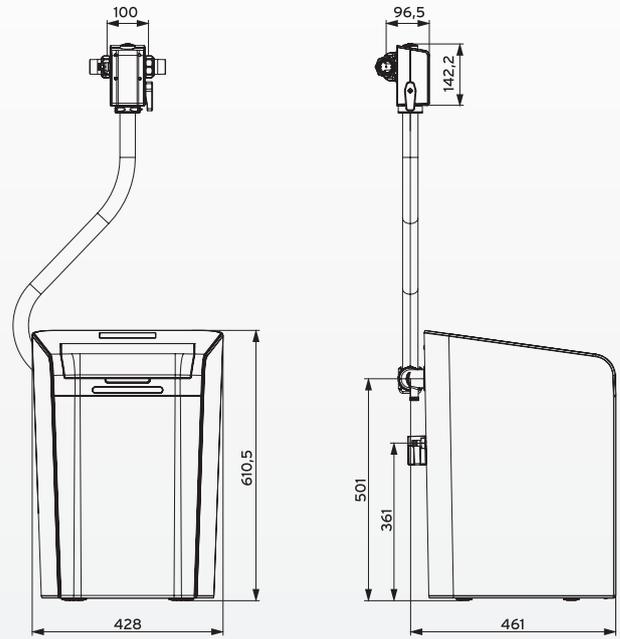
Neosoft 2500 Connect Single water softener

1

Accessories	Order-No.	Price (€)	KG
Connection fitting garden	1500.01.013	273.80	2
Hardness tester	3000.00.913	67.20	2
Regeneration salt (25 kg)	3000.00.911	34.75	2
Spare parts			
Triple tundish	0214.00.005	64.20	2
Wiring harness solenoid valve	2500.00.904	22.90	2
Board unit with display	2500.00.900	578.00	2
Mainboard connection cable	2500.00.903	23.50	2
Connecting cable brine turbine	2500.00.905	22.90	2
Power supply	1500.01.915	39.00	2
Control head	2500.00.901	668.00	2
Maintenance set	2500.00.902	121.00	2



- 1 Board unit with display
- 2 Control head
- 3 Maintenance set





NeoSoft 5000 Connect Duplex water softener

The NeoSoft 5000 Connect establishes a new generation of SYR softening systems with state-of-the-art communication technology and 7" touch display. The NeoSoft 5000 Connect can supply up to eight residential units with soft water 24/7. The automatic, consumption-based selection of the operating mode (ECO, Standard or Power) ensures economical operation at all times. The parallel flow through both tanks ensures hygienic operation as well as a high flow rate. Due to the ready-to-connect delivery and the fully automatic adjustment of the water hardness, the system can be quickly installed and put into operation.

Do not forget to order the SYR connection flanges (page 52) and regeneration salt!

Technical specifications

Operating pressure	2 - 8 bar
Operating temperature	5 - 30 °C
Ambient temperature	5 - 40 °C
Fluid	potable water
Flow rate DIN 14743	3 m ³ /h at Δp 1.0 bar
DIN 19636 from 20 °dH to 8 °dH	4 m ³ /h at Δp 1.0 bar
Resin volume	2 x 5 litres
Voltage power supply	230V / 50 Hz / 6W
Nominal capacity Eco	2 x 5 m ³ x °dh
Standard	2 x 10 m ³ x °dh
Power	2 x 15 m ³ x °dh
Salt consumption / regeneration	0.3 - 1.2 kg

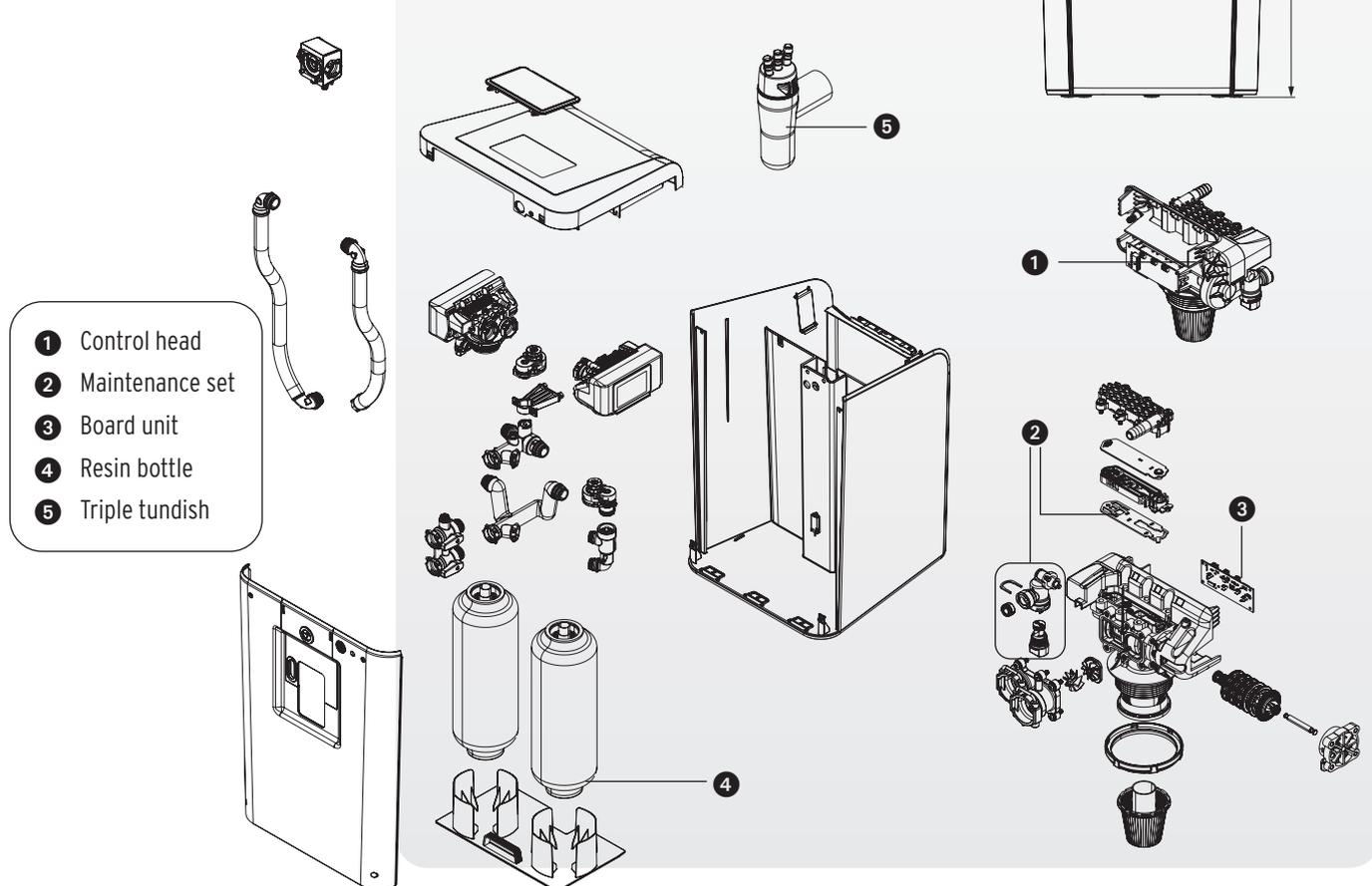
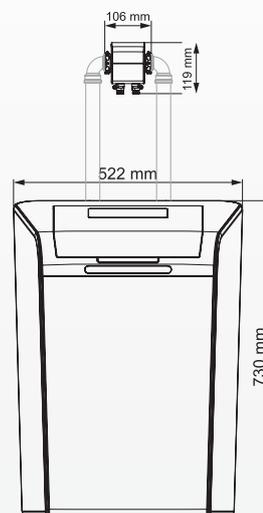
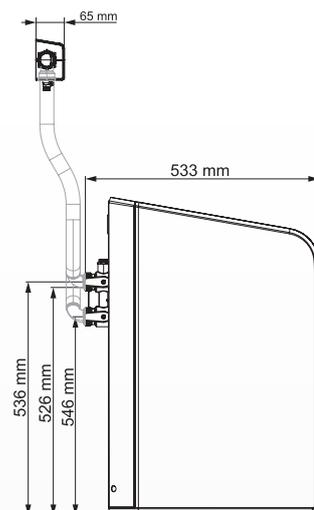
	Order-No.	Price (€)	KG
NeoSoft 5000 Connect	5000.00.000	4,637.50	2

- Integrated WiFi
- Control and monitoring via SYR app
- Fully automatic start-up
- Intuitive, simple control of the system
- Automatic selection of the operating mode (Eco, Standard, Power)
- Automatic salt level detection
- Pre-assembled ready for connection
- Torsion-proof connection due to innovative plug-in system
- Connection set for the NeoDos Connect dosing pump included
- Sandwich flange for SafeTech+ Connect and/or DRUFI+

Neosoft 5000 Connect Duplex water softener

1

Accessories	Order-No.	Price (€)	KG
Connection fitting garden	1500.01.013	273.80	2
Hardness tester	3000.00.913	67.20	2
Regeneration salt (25 kg)	3000.00.911	34.75	2
Spare parts			
Connection set filter	5000.00.900	21.50	2
Resin bottle (1 x)	5000.00.905	240.05	2
Armored hose (1 x)	5000.00.901	91.80	2
Board unit with display	5000.00.903	776.40	2
Power supply	5000.00.906	39.50	2
Control head	5000.00.904	526.60	2
Maintenance set	5000.00.902	162.70	2
Shelf	5000.00.908	31.90	2
Wiring harness brine unit	5000.00.909	43.70	2
Wiring harness conversion and intersection	5000.00.910	74.40	2
Conductivity cartridge	5000.00.914	10.15	2
Armored hose set (angle 1.85 m)	1500.01.966	240.30	2
Stepper motor for blending and changeover	5000.00.911	127.30	2
Plug for potential-free contacts	5000.00.915	3.80	2
Output housing including changeover	5000.00.913	266.50	2
Triple tundish	0214.00.005	64.20	2
Bypass valve complete	5000.00.907	127.00	2
Blending valve	5000.00.912	277.10	2





LEX Plus 10 Connect Water Softener

Water softening at its best: the LEX Plus 10 Connect offers both efficient de-scaling with modern Internet technology and a stylish design. Semi-automatic and simple start-up. Color touch screen. Web-enabled control for project management via smartphone, tablet or PC. With an external blending unit. Connection accessories (safe push-fit system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar
Operating temperature	min. 5 °C, max. 30 °C
Ambient temperature	min. 5 °C, max. 40 °C
Fluid	potable water
Power supply	230V / 50 Hz / 6 W
Capacity	22 m ³ x °dH
Flow rate DIN 14743	1.5 m ³ /h
DIN 19636 from 20 °dH to 8 °dH	2.3 m ³ /h
Pressure loss	1.0 bar
Protection class	IP 54

	Order-No.	Price (€)	KG
LEX Plus 10 Connect	1500.01.010	2,800.55	2

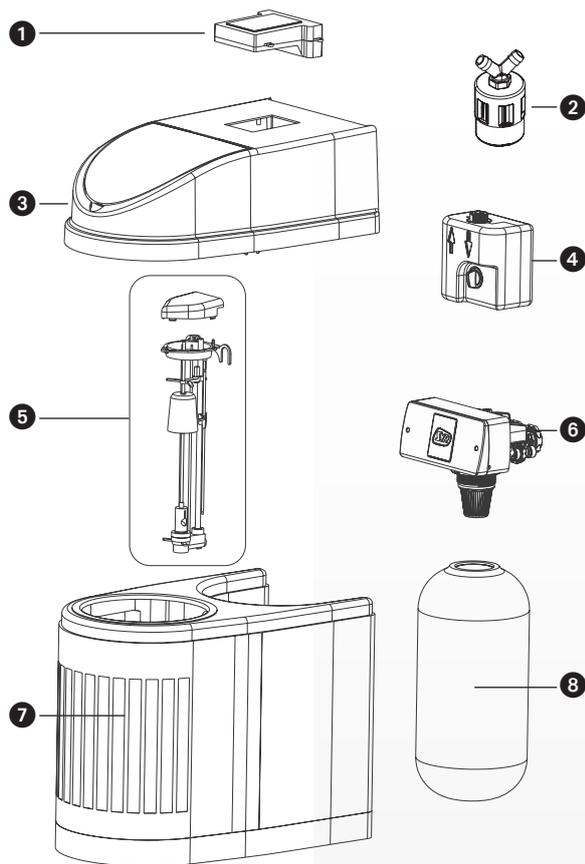
Accessories		Order-No.	Price (€)	KG
Flange	DN 20	2315.20.200	74.20	1
	DN 25	2315.25.200	94.90	1
	DN 32	2315.32.200	119.25	1
Double flange	DN 32	1500.32.000	552.75	2
	DN 40	1500.40.000	585.20	2
	DN 50	1500.50.000	617.70	2
Salt for regen. process (25 kg)	3000.00.911	34.75	2	
Armoured hose (1.85m)	1500.01.951	257.35	2	

Spare parts		Order-No.	Price (€)	KG
Control unit	1500.01.906	657.25	2	
Sealing set	1500.01.921	15.05	2	
Turbine	1500.01.919	36.85	2	
Magnetic valve	1500.01.922	47.80	2	
Cabinet cover	1500.01.907	106.20	2	
Drive piston	1500.01.902	362.05	2	
Tundish	0214.00.908	65.10	2	
Reed-contact	1500.01.918	47.00	2	
Board control head	1500.01.914	122.70	2	
Bypass- and blending valve	1500.01.916	462.35	2	
Chlorinator	1500.01.920	118.45	2	
Pressure sensor	1500.01.917	51.20	2	
Drive unit	1500.01.903	116.45	2	
Control head	1500.01.901	435.15	2	
Wiring harness brine pipe	1500.01.911	55.50	2	
Filling level unit	1500.01.905	126.75	2	
Wiring harness control head	1500.01.912	53.95	2	
Cabinet	1500.01.908	216.90	2	
Wiring harness blending valve	1500.01.913	43.85	2	
Resin bottle	1500.01.904	241.95	2	
Turbine control head	1500.01.953	158.35	2	
Extension for flat cable 1.5 m	1500.01.935	16.95	2	
LED	1500.01.948	86.30	2	

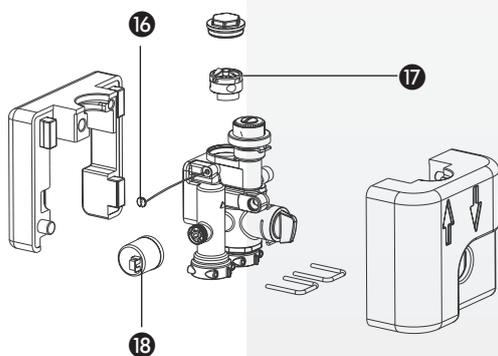
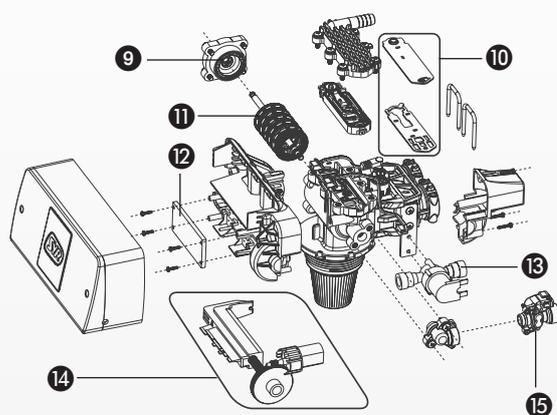
- Semiautomatic, simple start-up
- Flexible mounting options
- Safe-connection by new plug-in system
- Compact design
- Internet supported, controllable via SYR app
- User-friendly operation via touch display
- Illuminated salt container
- Salt saving
- Including tundish

LEX Plus 10 Connect Single Water Softener

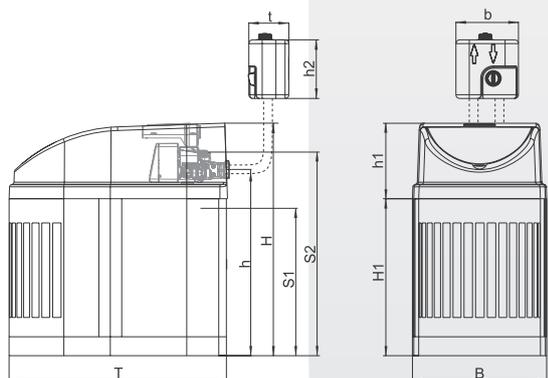
1



Spare parts	Order-No.	Price (€)	KG
Power supply	1500.01.915	39.00	2
Maintenance set	1500.01.900	121.80	2
Armoured hose	1500.01.929	89.10	2
Lid for cover	1500.01.946	29.60	2
Piston plate	1500.01.945	26.55	2
Adapter connection for hose extension (2 pcs)	1500.01.928	55.30	2
Resin bottle with control head	1500.01.944	677.20	2
Sealing kit	1500.01.940	4.75	2
Hardness tester	3000.00.913	67.20	2



- 1 Control unit
- 2 Tundish
- 3 Cabinet cover
- 4 Bypass- and blending valve
- 5 Filling level unit
- 6 Control head
- 7 Cabinet
- 8 Resin bottle
- 9 Piston plate
- 10 Sealing set
- 11 Drive piston
- 12 Board control head
- 13 Magnetic valve
- 14 Drive unit
- 15 Chlorinator
- 16 Reed-contact
- 17 Turbine
- 18 Pressure sensor



Dimensions (mm)		h1	200
t	105	h2	155
b	164	T	570
H	615	B	352
h	492	S1 Overflow	390
H1	415	S2 Rinsing water	495





- Semiautomatic, simple start-up
- Flexible mounting options
- Safe-connection by new plug-in system
- Compact design
- Internet supported, controllable via SYR app
- User-friendly operation via touch display
- Illuminated salt container
- Salt saving
- Including tundish

LEX Plus 10 S Connect Water Softener

Water softening at its best: the LEX Plus 10 Connect offers both efficient descaling with modern Internet technology and a stylish design. Semi-automatic and simple start-up. Color touch screen. Web-enabled control for project management via smartphone, tablet or PC. With an external blending and flange unit. Connection accessories (safe plug-in system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar
Operating temperature	min. 5 °C, max. 30 °C
Ambient temperature	min. 5 °C, max. 40 °C
Fluid	potable water
Power supply	230V / 50 Hz / 6 W
Capacity	22 m ³ x °dH
Flow rate DIN 14743	1.5 m ³ /h
DIN 19636 from 20 °dH to 8 °dH	2.3 m ³ /h
Pressure loss	1.0 bar
Protection class	IP 54

	Order-No.	Price (€)	KG
LEX Plus 10 S Connect	1500.01.011	2,800.55	2

Accessories		Order-No.	Price (€)	KG
Flange	DN 20	2315.20.200	74.20	1
	DN 25	2315.25.200	94.90	1
	DN 32	2315.32.200	119.25	1
Double flange	DN 32	1500.32.000	552.75	2
	DN 40	1500.40.000	585.20	2
	DN 50	1500.50.000	617.70	2
Regeneration salt (25 kg)		3000.00.911	34.75	2
Armoured hose (1.85)		1500.01.952	240.30	2
Adapter connection for hose extension (2 pcs.)		1500.01.928	55.30	2

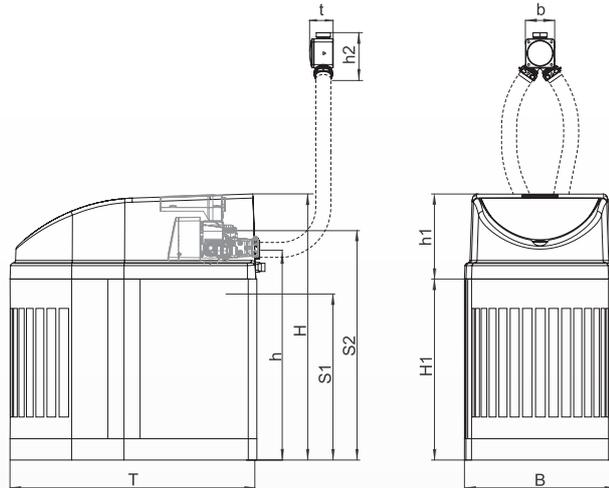
Spare parts		Order-No.	Price (€)	KG
Control unit		1500.01.947	657.25	2
Sealing set		1500.01.921	15.05	2
Magnetic valve		1500.01.922	47.80	2
Cabinet cover		1500.01.907	106.20	2
Drive piston		1500.01.902	362.05	2
Tundish		0214.00.908	65.10	2
Board control head		1500.01.914	122.70	2
Sandwich blending valve		1500.01.941	366.75	2
Chlorinator		1500.01.920	118.45	2
Drive unit		1500.01.903	116.45	2
Control head		1500.01.950	499.10	2
Wiring harness brine pipe		1500.01.911	55.50	2
Filling level unit		1500.01.905	126.75	2
Wiring harness control head		1500.01.912	53.95	2
Cabinet		1500.01.908	216.90	2
Resin bottle		1500.01.904	241.95	2
Power supply		1500.01.915	39.00	2
Maintenance set		1500.01.900	121.80	2
Armoured hose		1500.01.929	89.10	2
Lid for cover		1500.01.946	29.60	2
Piston plate		1500.01.945	26.55	2
Sealing kit		1500.01.940	4.75	2
Hardness tester		3000.00.913	67.20	2

LEX Plus 10 S Connect Single Water Softener

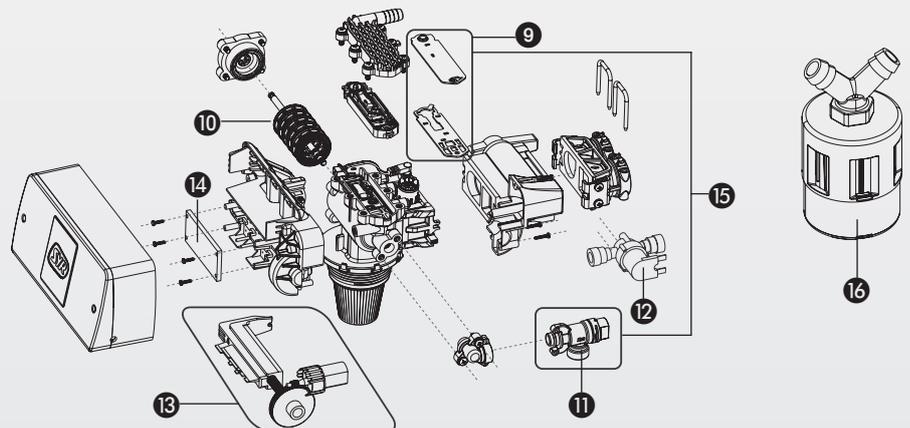
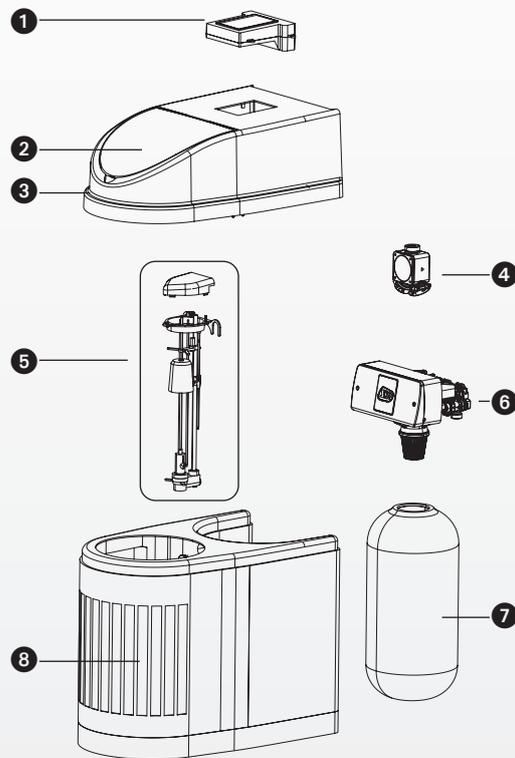
1

Dimensions (mm)

t	64
b	68
H	615
h	492
H1	415
h1	200
h2	118
T	570
B	352
S1 Overflow	390
S2 Rinsing water	541



- 1 Control unit
- 2 Lid for cover
- 3 Cabinet cover
- 4 Sandwich connecting valve
- 5 Filling level unit
- 6 Control head
- 7 Resin bottle
- 8 Cabinet
- 9 Sealing set
- 10 Drive piston
- 11 Chlorinator
- 12 Magnetic valve
- 13 Drive unit
- 14 Board control head
- 15 Maintenance-Set
- 16 Tundish





LEX Plus 10 SL Connect Water softener with sandwich connection fitting with leakage protection function

The LEX Plus 10 SL Connect combines effective water softening with a sandwich connection fitting with leakage protection function. In addition to space and time the combination offers the advantage that the integrated valves communicate with each other and can be controlled via the SYR App. A DRUFI drinking water filter can be flanged onto the connection fitting. Connection accessories (safe plug-in system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar
Operating temperature	min. 5 °C, max. 30 °C
Ambient temperature	min. 5 °C, max. 40 °C
Fluid	potable water
Power supply	230V / 50 Hz / 6 W
Capacity	22 m³ x °dH
Flow rate DIN 14743	1.5 m³/h
DIN 19636 from 20 °dH to 8 °dH	2.3 m³/h
Pressure loss	1.0 bar
Protection class	IP 54

	Order-No.	Price (€)	KG
LEX Plus 10 SL Connect	1500.01.012	3,180.35	2

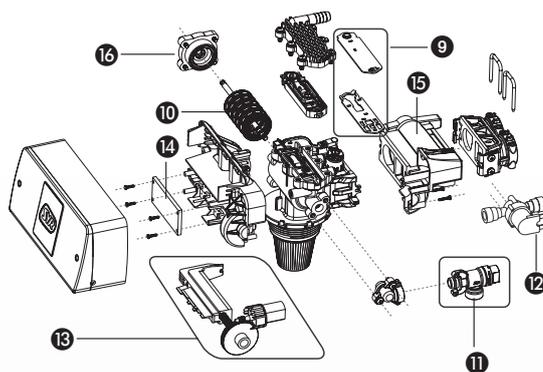
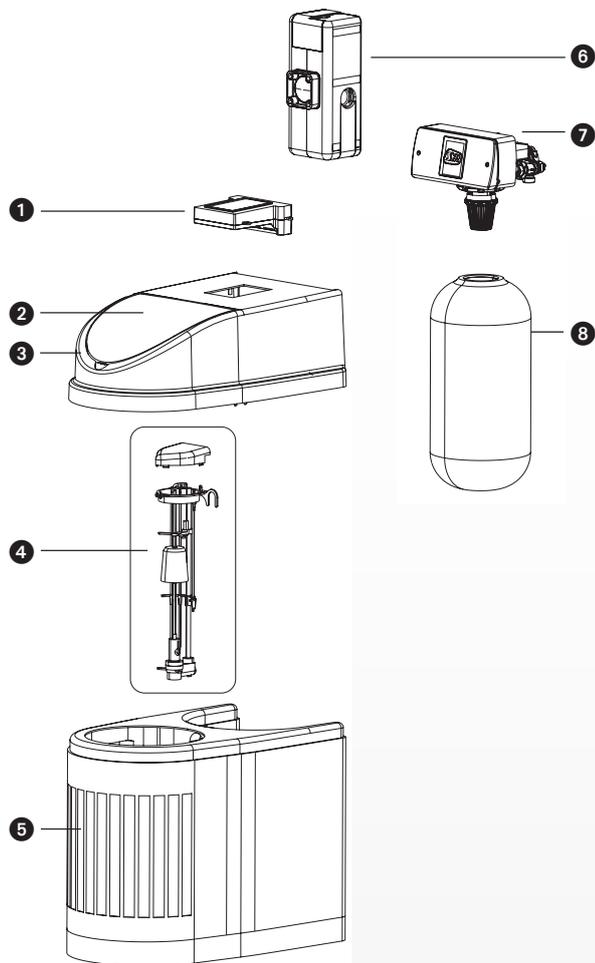
With sandwich connection fitting with leakage protection function for the additional connection of a DRUFI drinking water filter

- Semi-automatic, simple start-up
- Flexible installation
- Torsion-proof connection due to new plug-in system
- Compact Design
- Internet-supported, controllable via SYR App
- User-friendly operation via touch display
- Illuminated salt container
- Salt saving
- Including tundish



LEX Plus 10 SL Connect Single Water Softener

1



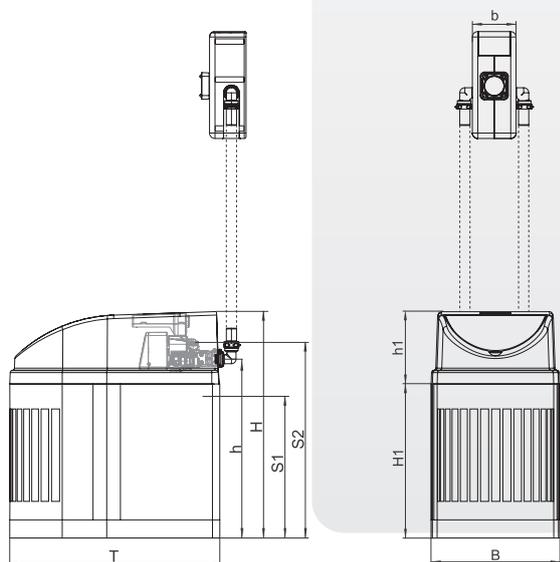
- | | |
|---|-----------------------|
| 1 Control unit | 8 Resin bottle |
| 2 Lid for cover | 9 Sealing set |
| 3 Cabinet cover | 10 Drive piston |
| 4 Filling level unit | 11 Chlorinator |
| 5 Cabinet | 12 Magnetic valve |
| 6 Sandwich-connection valve with leakage-protection | 13 Drive unit |
| 7 Control head | 14 Board control head |
| | 15 Bypass valve |
| | 16 Piston plate |

Accessories

Adapter conn. for hose extension (2 pieces)			
DN 25 Thread union	1500.01.928	55.30	2
Flange	DN 20 2315.20.200	74.20	1
	DN 25 2315.25.200	94.90	1
	DN 32 2315.32.200	119.25	1
Double flange	DN 32 1500.32.000	552.75	1
	DN 40 1500.40.000	585.20	1
	DN 50 1500.50.000	617.70	1
Armoured hose (1.85 m)	1500.01.952	240.30	2
Regeneration salt (25 kg)	3000.00.911	34.75	2

Spare parts

Tundish	0214.00.908	65.10	2
Drive unit	1500.01.903	116.45	2
Drive piston	1500.01.902	362.05	2
Chlorinator	1500.01.920	118.45	2
Sealing kit	1500.01.940	4.75	2
Sealing set	1500.01.921	15.05	2
Filling level unit	1500.01.905	126.75	2
Hardness tester	3000.00.913	67.20	2
Resin bottle	1500.01.904	241.95	2
Wiring harness brine pipe	1500.01.911	55.50	2
Wiring harness control head	1500.01.912	53.95	2
Cabinet	1500.01.908	216.90	2
Cabinet cover	1500.01.907	106.20	2
Lid for cover	1500.01.946	29.60	2
Piston plate	1500.01.945	26.55	2
Magnetic valve	1500.01.922	47.80	2
Power supply	1500.01.915	39.00	2
Armoured hose	1500.01.929	89.10	2
Board control head	1500.01.914	122.70	2
Sandwich connecting valve with leakage protection	1500.01.956	867.40	2
Control head	1500.01.950	499.10	2
Control unit SL, complete	1500.01.955	657.25	2
Maintenance set	1500.01.900	121.80	2
Disinfectant	1500.00.998	53.65	2



Dimensions (mm)

t	64	h1	200
b	145	h2	118
H	615	T	570
h	492	B	352
h1	415	S1 Overflow	390
		S2 Rinsing water	541





LEX 1500 Connect Single Water Softener 10 - 30

Quantity and time-controlled individual water softener for one-family houses and apartment buildings. Web-enabled control for the project management via smartphone, tablet or PC. With automatic disinfection. Connection accessories (safe push-fit system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical data

Operating pressure	min. 2 bar, max. 8 bar		
Operating temperature	min. 5 °C, max. 30 °C		
Ambient temperature	min. 5 °C, max. 40 °C		
Fluid	potable water		
Power supply	6 W / 230V / 50 Hz		
	LEX 10	LEX 20	LEX 30
Flow rate bei Δp 1.0 bar	2.1 m ³ /h	2.5 m ³ /h	2.8 m ³ /h
Capacity exchanger resin (in m ³)	20 x °dH	40 x °dH	60 x °dH
	LEX 10	LEX 20	LEX 30
Max. housing units	3	5	8

Single Water Softener	Order-No.	Price (€)	KG
LEX 10	1500.00.010	2,500.60	2
LEX 20	1500.00.020	2,748.75	2
LEX 30	1500.00.030	3,611.60	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

Spare parts

Shut off- and bypass valve	1700.00.001	421.55	2
Hardness tester	3000.00.913	67.20	2
Cover with lid	1500.00.912	234.25	2
Salt Container			
LEX 10	1500.00.913	304.15	2
LEX 20 + 30	1500.00.901	446.25	2
Control head			
LEX 10	1500.00.903	898.80	2
LEX 20	1500.00.920	898.80	2
LEX 30	1500.00.921	898.80	2
Cover control head	1500.00.945	31.85	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Connect control			
LEX 10 Single water softener	1500.00.906	976.90	2
LEX 20 Single water softener	1500.00.907	976.90	2
LEX 30 Single water softener	1500.00.908	976.90	2
Maintenance kit	1500.00.930	122.40	2
Lid for cover	1500.00.923	52.85	2
Chlorine cell	1500.00.965	179.20	2

SYR Profi-Tip

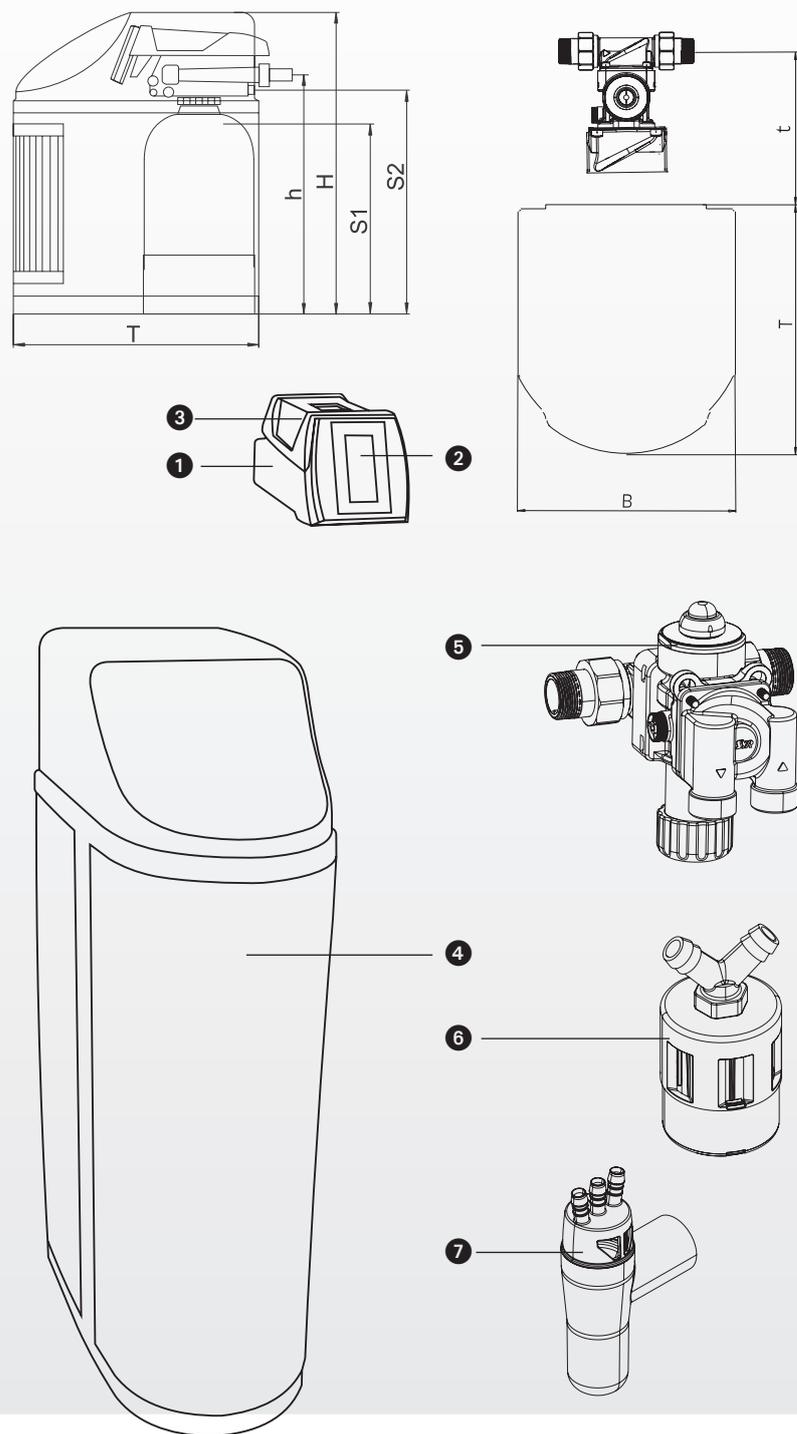
With the SYR tundish you can connect the SYR water softener according to DIN EN 1717 simple, fast and safe to a sewer system with a free outlet.



Spare parts	Order-No.	Price (€)	KG
Resin bottle			
LEX 10	1500.00.926	520.45	2
LEX 20	1500.00.927	572.40	2
LEX 30	1500.00.928	629.30	2
John-Guest-connecting angle	1500.00.929	68.95	2
Motor with cable loom	1500.00.964	334.55	2
Power plug f. plastics display (old)	1500.00.948	111.10	2
Power plug for glass display (new)	1500.01.915	39.00	2
Optical eye	1500.00.968	74.35	2

Dimensions (mm)		
	LEX 10	LEX 20/30
H	680	1130
h	510	970
t	min. 300	min. 300
T	600	600
B	350	350
S1 overflow	390	835
S2 rinsing water	475	930

- 1 Control unit
- 2 Controller
- 3 Cover control unit
- 4 Salt container with lid
- 5 Bypass valve
- 6 Tundish
- 7 Triple Tundish





LEX 1500 Connect Single Water Softener 40 - 100

Quantity and time-controlled individual water softener. Web-enabled control for the project management via smartphone, tablet or PC. With automatic disinfection. Connection accessories and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical data

Operating pressure	min. 2 bar, max. 8 bar			
Operating temperature	min. 5 °C, max. 30 °C			
Ambient temperature	min. 5 °C, max. 40 °C			
Fluid	potable water			
Power supply	6 W / 230V / 50 Hz			
	LEX 40	LEX 60	LEX 80	LEX 100
Flow rate bei Δp 1.0 bar	3.0 m ³ /h	4.5 m ³ /h	5.0 m ³ /h	5.5 m ³ /h
Capacity exchanger resin (in m ³)	80 x °dH	120 x °dH	160 x °dH	200 x °dH
	LEX 40	LEX 60	LEX 80	LEX 100
Max. housing units	15	20	25	35

Single Water Softener	Order-No.	Price (€)	KG
LEX 40	1500.00.040	3,837.00	2
LEX 60	1500.00.060	4,653.10	2
LEX 80	1500.00.080	6,011.30	2
LEX 100	1500.00.100	6,309.70	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

Spare parts

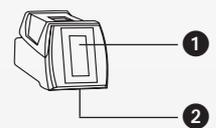
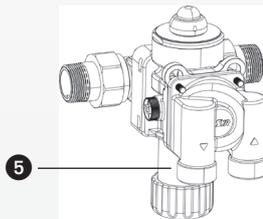
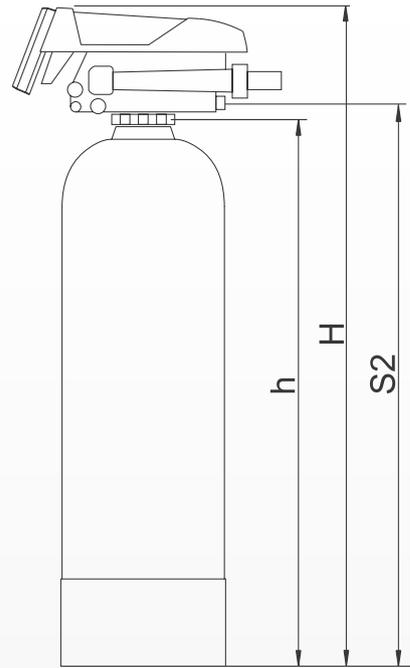
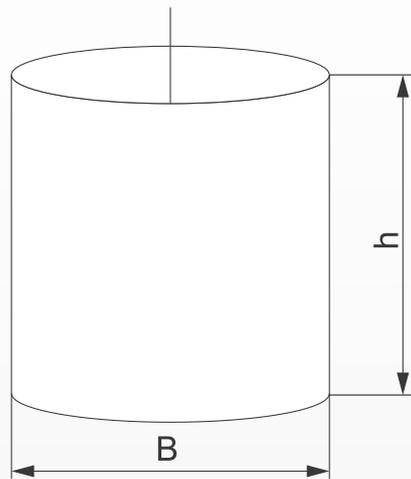
Shut off- and bypass valve	1700.00.001	421.55	2
Hardness tester	3000.00.913	67.20	2
Cover control head	1500.00.945	31.85	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Maintenance kit	1500.00.930	122.40	2
Chlorine cell	1500.00.965	179.20	2
John-Guest-connecting angle	1500.00.929	68.95	2
Motor with cable loom	1500.00.964	334.55	2
Power plug f. plastics display (old)	1500.00.948	111.10	2
Power plug for glass display (new)	1500.01.915	39.00	2
Optical eye	1500.00.968	74.35	2

Dimensions resin bottle

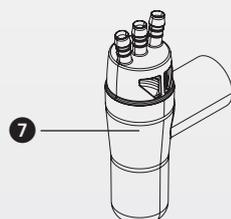
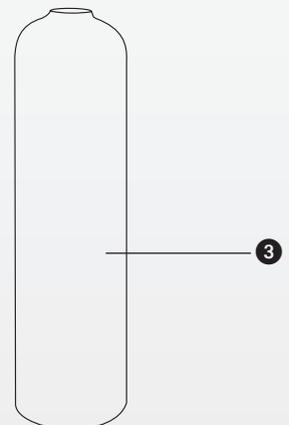
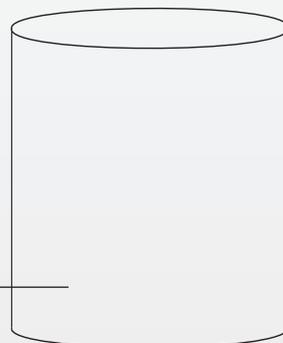
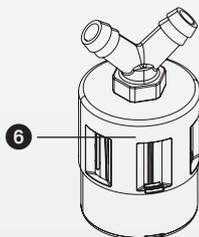
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
S2 rinsing water	1.255	1.251	1.465	1.685

Dimensions salt container

(mm)	LEX 40	LEX 60	LEX 80	LEX 100
B	340	420	570	570
h	905	780	830	830
Volume (kg)	60	80	150	150



- 1 Controller
- 2 Control unit
- 3 Resin bottle
- 4 Salt container
- 5 Bypass valve
- 6 Tundish
- 7 Triple Tundish





LEX 1500 Connect Duplex Water Softener 10 - 30

Two quantity and time-controlled individual water softeners with doubled flow rate and capacity. Web-enabled control for the project management via smartphone, tablet or PC. Each system can be shut off separately for maintenance works via a bypass valve. Connection flanges and connection accessories included in the delivery.

Do not forget to order the regeneration salt!

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar		
Operating temperature	min. 5 °C, max. 30 °C		
Ambient temperature	min. 5 °C, max. 40 °C		
Fluid	potable water		
Power supply	6 W / 230V / 50 Hz		
	LEX 10	LEX 20	LEX 30
Flow rate at Δp 1.0 bar	4.2 m ³ /h	5.0 m ³ /h	5.6 m ³ /h
Capacity exchanger resin (in m ³)	40 x °dH	80 x °dH	120 x °dH
Connection size	DN 32	DN 32	DN 32
	LEX 10	LEX 20	LEX 30
Max. housing units	6	12	20

Duplex Water Softener	Order-No.	Price (€)	KG
LEX 10	1500.02.010	4,899.20	2
LEX 20	1500.02.020	5,435.15	2
LEX 30	1500.02.030	6,297.50	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

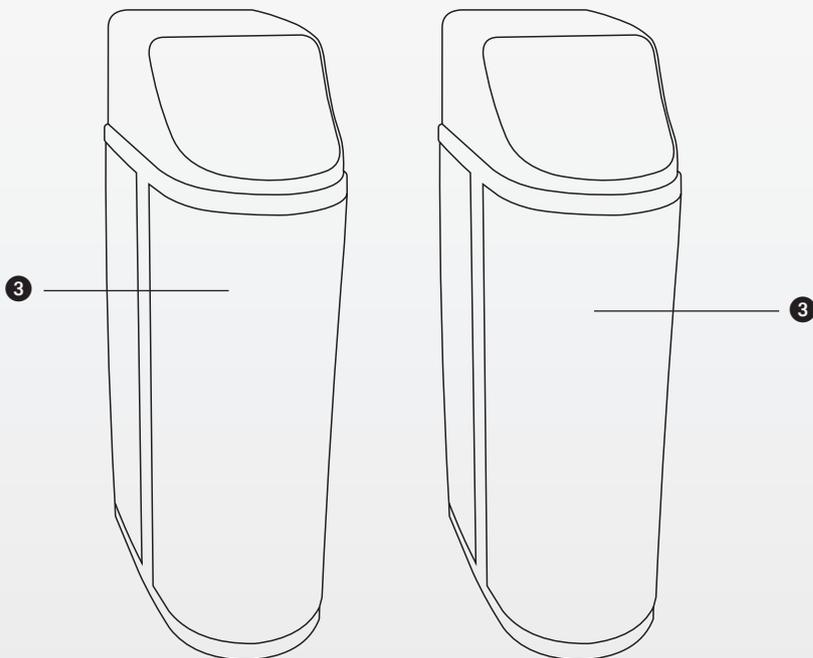
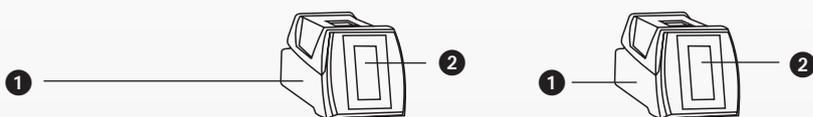
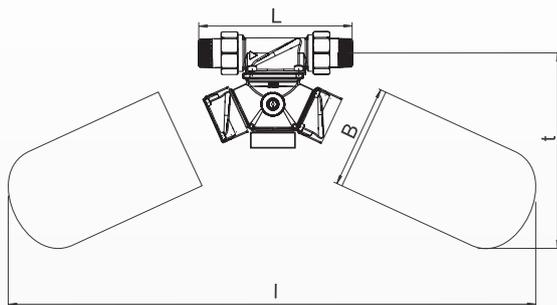
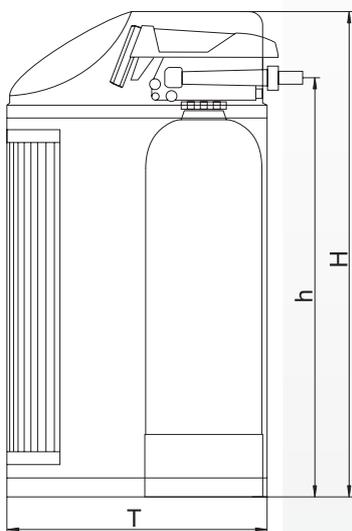
Spare parts	Order-No.	Price (€)	KG
Shut off and bypass valve	1700.00.002	143.85	2
Hardness tester	3000.00.913	67.20	2
Universalflange	DN 32 2315.32.201	186.15	1
max	DN 40 2315.40.201	232.35	1
Cover with lid	1500.00.912	234.25	2
Blending valve for triple distributor	1500.00.947	265.85	2
Salt container			
LEX 10	1500.00.913	304.15	2
LEX 20 + 30	1500.00.901	446.25	2
Control head			
LEX 10	1500.00.903	898.80	2
LEX 20	1500.00.920	898.80	2
LEX 30	1500.00.921	898.80	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Connect control			
LEX 10 Duplex water softener	1500.00.914	979.75	2
LEX 20 Duplex water softener	1500.00.915	979.75	2
LEX 30 Duplex water softener	1500.00.916	979.75	2
Maintenance kit	1500.00.930	122.40	2
Lid for cover	1500.00.923	52.85	2
Maintenance case	1500.00.922	1,745.40	2

LEX 1500 Connect Duplex Water Softener

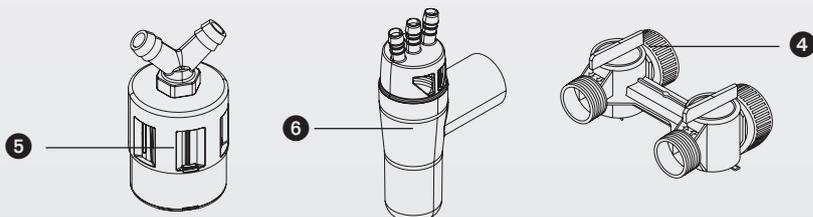
1

Dimensions (mm)		
Type	LEX 10	LEX 20/30
H	860	1130
h	730	970
t	min. 335	min. 335
T	600	600
L		
DN 32	570	570
DN 40	570	570
DN 50	610	610
l	480	480
B	350	350

Spare parts	Order-No.	Price (€)	KG
Resin bottle			
LEX 10	1500.00.926	520.45	2
LEX 20	1500.00.927	572.40	2
LEX 30	1500.00.928	629.30	2
John-Guest-connecting angle	1500.00.929	68.95	2
Power plug f. plastics display (old)	1500.00.948	111.10	2
Power plug for glass display (new)	1500.01.915	39.00	2



- 1 Control unit
- 2 Controller
- 3 Cover with lid
- 4 Shut off- and bypass valve
- 5 Tundish
- 6 Triple Tundish





LEX 1500 Connect Duplex Water Softener 40 - 100

Quantity and time-controlled individual water softener for one-family houses and apartment buildings. Web-enabled control for the project management via smartphone, tablet or PC. With automatic disinfection. Connection accessories (safe push-fit system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**

Technical data

Operating pressure	min. 2 bar, max. 8 bar			
Operating temperature	min. 5 °C, max. 30 °C			
Ambient temperature	min. 5 °C, max. 40 °C			
Fluid	potable water			
Power supply	6 W / 230V / 50 Hz			
	LEX 40	LEX 60	LEX 80	LEX 100
Flow rate bei Δp 1.0 bar	6.0 m ³ /h	9 m ³ /h	10.0 m ³ /h	11 m ³ /h
Capacity exchanger resin (in m ³)	160 x °dH	240 x °dH	320 x °dH	400 x °dH
	LEX 40	LEX 60	LEX 80	LEX 100
Max. housing units	25	40	55	65

Duplex Water Softener	Order-No.	Price (€)	KG
LEX 40	1500.02.040	6,979.65	2
LEX 60	1500.02.060	7,326.75	2
LEX 80	1500.02.080	8,112.45	2
LEX 100	1500.02.100	9,032.05	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

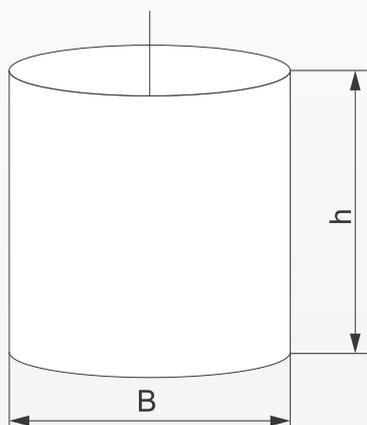
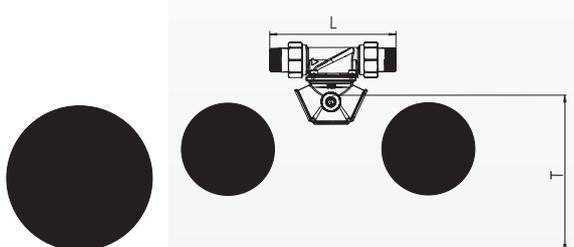
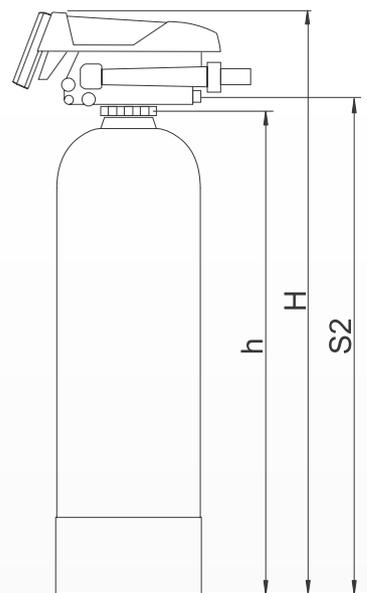
Spare parts	Order-No.	Price (€)	KG
Shut off- and bypass valve	1700.00.002	143.85	2
Hardness tester	3000.00.913	67.20	2
Cover with lid	1500.00.912	234.25	2
Cover control head	1500.00.945	31.85	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Maintenance kit	1500.00.930	122.40	2
Lid for cover	1500.00.923	52.85	2
Chlorine cell	1500.00.965	179.20	2
John-Guest-connecting angle	1500.00.929	68.95	2
Motor with cable loom	1500.00.964	334.55	2
Power plug f. plastics display (old)	1500.00.948	111.10	2
Power plug for glass display (new)	1500.01.915	39.00	2
Optical eye	1500.00.968	74.35	2

Dimensions resin bottle

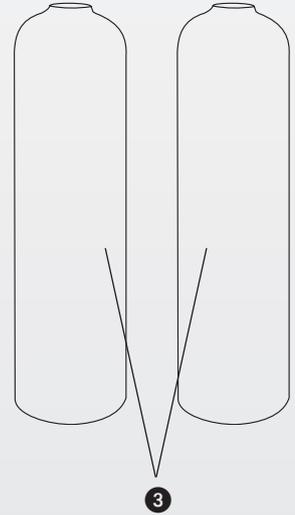
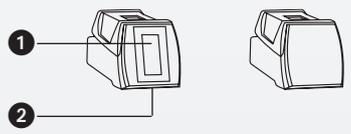
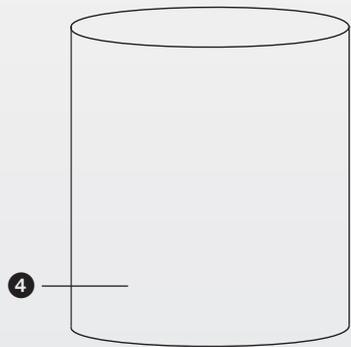
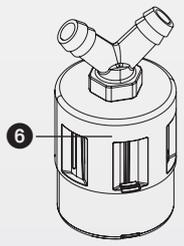
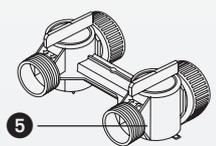
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
T	~1.000	~1.000	~1.000	~1.000
S2 rinsing water	1.255	1.251	1.465	1.685

Dimensions salt container

(mm)	LEX 40	LEX 60	LEX 80	LEX 100
B	570	910	910	910
h	830	700	700	700
Volume (kg)	150	250	250	250



- 1 Controller
- 2 Control unit
- 3 Resin bottle
- 4 Salt container
- 5 Bypass valve
- 6 Tundish
- 7 Triple Tundish





LEX 1500 Connect Alternating Water Softener 10 - 30

Quantity and time-controlled alternating water softening system for continuous supply of softened water in apartment houses. Web-enabled control for the project management via smartphone, tablet or PC. Each system can be shut off separately for maintenance works via a bypass valve. Connection flanges and connection accessories included in the delivery. **Do not forget to order the regeneration salt!**

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar		
Operating temperature	min. 5 °C, max. 30 °C		
Ambient temperature	min. 5 °C, max. 40 °C		
Fluid	potable water		
Power supply	6 W / 230V / 50 Hz		
	LEX 10	LEX 20	LEX 30
Flow rate at Δp 1.0 bar	2.1 m ³ /h	2.5 m ³ /h	2.8 m ³ /h
Capacity exchanger resin (in m ³)	20x ^o dH	40x ^o dH	60x ^o dH
Connection size	DN 32	DN 32	DN 32
	LEX 10	LEX 20	LEX 30
Max. housing units	3	6	9

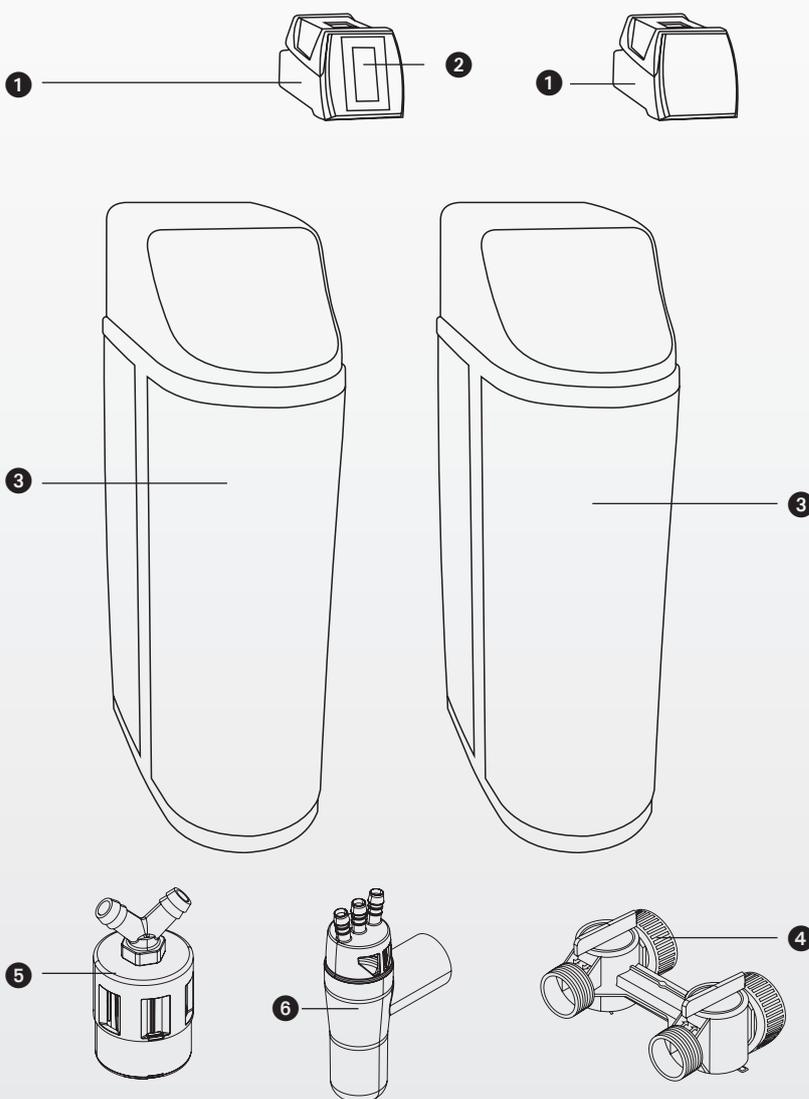
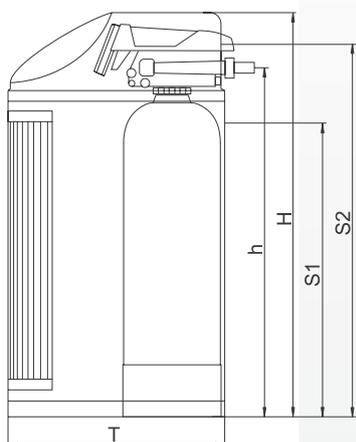
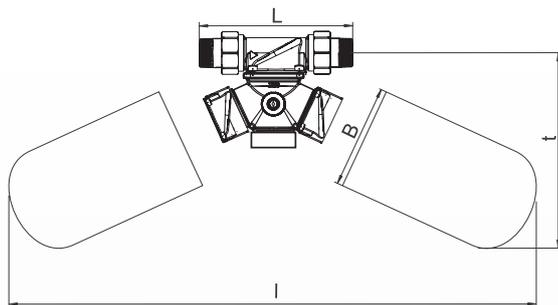
Alternating Water Softener	Order-No.	Price (€)	KG
LEX 10	1500.00.012	5,910.15	2
LEX 20	1500.00.022	6,446.10	2
LEX 30	1500.00.032	8,514.40	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

Spare parts	Order-No.	Price (€)	KG
Shut off and bypass valve	1700.00.002	143.85	2
Hardness tester	3000.00.913	67.20	2
Universal flange max	DN 32 2315.32.201	186.15	1
	DN 40 2315.40.201	232.35	1
Cover with lid	1500.00.912	234.25	2
Blending valve for triple distributor	1500.00.947	265.85	2
Salt container			
LEX 10	1500.00.913	304.15	2
LEX 20 + 30	1500.00.901	446.25	2
Control head			
LEX 10	1500.00.934	898.80	2
LEX 20	1500.00.935	898.80	2
LEX 30	1500.00.936	898.80	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Connect control			
LEX 10 Alternating water softener	1500.00.951	979.75	2
LEX 20 Alternating water softener	1500.00.953	979.75	2
LEX 30 Alternating water softener	1500.00.955	979.75	2
Maintenance kit	1500.00.930	122.40	2
Lid for cover	1500.00.923	52.85	2
Maintenance case	1500.00.922	1,745.40	2
Control box	1500.00.986	543.85	2
Belimo shut-off valve	1500.00.982	449.75	2
Motor with cable loom	1500.00.964	334.55	2

Dimensions (mm)

Type	LEX 10	LEX 20/30
H	680	1130
h	510	970
t	min. 300	min. 300
T	600	600
L		
DN 32	570	570
DN 40	570	570
DN 50	610	610
l	480	480
B	350	350
S1 overflow	390	835
S2 rinsing water	475	930



- 1 Control unit
- 2 Controller
- 3 Cover with lid
- 4 Shut-off- and bypass valve
- 5 Tundish
- 6 Triple Tundish



LEX 1500 Connect Alternating Water Softener 40 - 100

Quantity and time-controlled individual water softener for one-family houses and apartment buildings. Web-enabled control for the project management via smartphone, tablet or PC. With automatic disinfection. Connection accessories (safe push-fit system) and bypass valve included. **Do not forget to order the SYR connection flange (page 52) and regeneration salt!**



Technical data

Operating pressure	min. 2 bar, max. 8 bar			
Operating temperature	min. 5 °C, max. 30 °C			
Ambient temperature	min. 5 °C, max. 40 °C			
Fluid	potable water			
Power supply	6 W / 230V / 50 Hz			
	LEX 40	LEX 60	LEX 80	LEX 100
Flow rate bei Δp 1.0 bar	3.0 m ³ /h	4.5 m ³ /h	5.0 m ³ /h	5.5 m ³ /h
Capacity exchanger resin (in m ³)	80 x °dH	120 x °dH	160 x °dH	200 x °dH
	LEX 40	LEX 60	LEX 80	LEX 100
Max. housing units	15	20	25	35

Alternating Water Softener	Order-No.	Price (€)	KG
LEX 40	1500.00.042	8,490.05	2
LEX 60	1500.00.062	9,087.00	2
LEX 80	1500.00.082	9,720.35	2
LEX 100	1500.00.102	10,828.75	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2
Spare parts			
Shut off- and bypass valve	1700.00.002	143.85	2
Belimo shut-off valve	1500.00.982	449.75	2
Hardness tester	3000.00.913	67.20	2
Cover with lid	1500.00.912	234.25	2
Cover control head	1500.00.945	31.85	2
Sealing material	1500.00.904	4.60	2
Flexible connecting hoses (2 pcs.)	1500.00.905	148.60	2
Maintenance kit	1500.00.930	122.40	2
Lid for cover	1500.00.923	52.85	2
Chlorine cell	1500.00.965	179.20	2
John-Guest-connecting angle	1500.00.929	68.95	2
Motor with cable loom	1500.00.964	334.55	2
Power plug f. plastics display (old)	1500.00.948	111.10	2
Power plug for glass display (new)	1500.01.915	39.00	2
Optical eye	1500.00.968	74.35	2
Control box	1500.00.986	543.85	2
Blending valve for dual manifold	1500.00.950	493.65	2

LEX 1500 Connect Alternating Water Softener

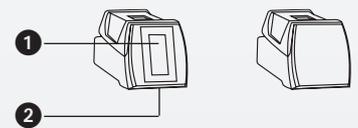
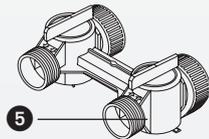
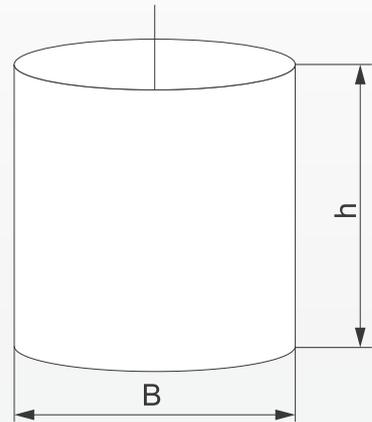
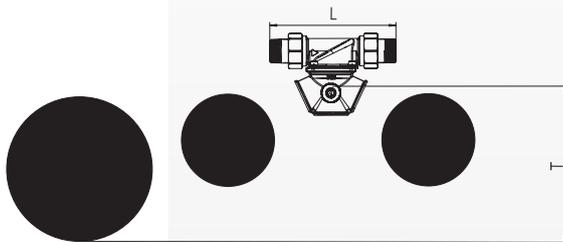
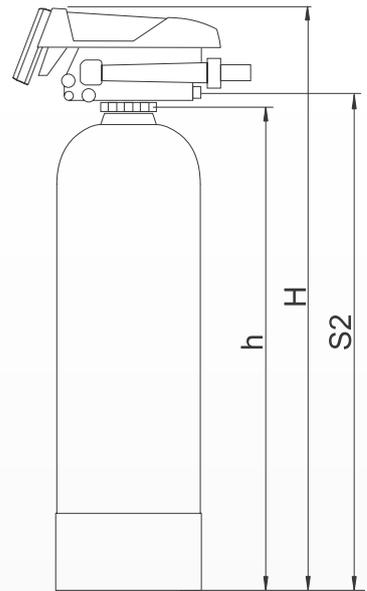
1

Dimensions resin bottle

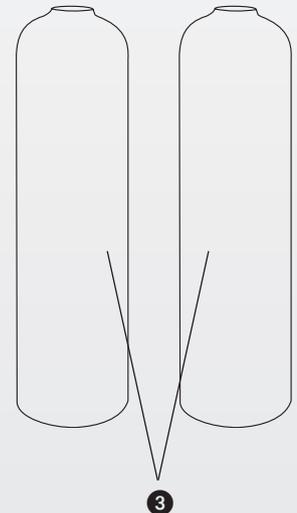
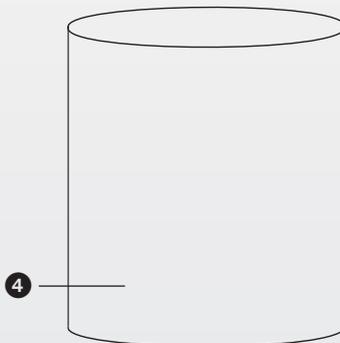
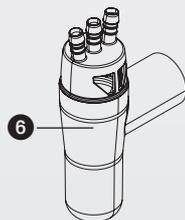
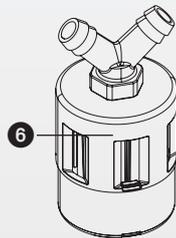
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
T	~1.000	~1.000	~1.000	~1.000
S2 rinsing water	1.255	1.251	1.465	1.685

Dimensions salt container

(mm)	LEX 40	LEX 60	LEX 80	LEX 100
B	570	910	910	910
h	830	700	700	700
Volume (kg)	150	250	250	250



- 1 Controller
- 2 Control unit
- 3 Resin bottle
- 4 Salt container
- 5 Bypass valve
- 6 Tundish
- 7 Triple Tundish





LEX T 1500 Connect Triple Water Softener

Quantity and time-controlled triple water softening system for continuous supply of softened water. Web-enabled control for the project management via smartphone, tablet or PC. Each system can be shut off separately for maintenance, works via a bypass valve. Connection flanges and connection accessories included in the delivery. **Do not forget to order regeneration salt!**

Technical specifications

Operating pressure	min. 2 bar, max. 8 bar				
Operating temperature	min. 5 °C, max. 30 °C				
Fluid	potable water				
Power supply	6 W / 230V / 50 Hz				
	LEX T1	LEX T2	LEX T3	LEX T4	LEX T5
Flow rate at Δp 1.0 bar	5.0 m ³ /h	5.6 m ³ /h	9.0 m ³ /h	10.4 m ³ /h	12.5 m ³ /h
Capacity exchanger resin (in m ³)	80x°dH	120x°dH	240x°dH	360x°dH	500x°dH
Dimension	DN 32	DN 40	DN 50	DN 50	DN 50
	LEX T1	LEX T2	LEX T3	LEX T4	LEX T5
Max. housing units	15	40	65	100	150

Triple water softener	Order-No.	Price (€)	KG
LEX T1 (3 x 20 litre)	1500.00.015	9,300.85	2
LEX T2 (3 x 30 litre)	1500.00.025	10,081.80	2
LEX T3 (3 x 60 litre)	1500.00.035	14,820.05	2
LEX T4 (3 x 90 litre)	1500.00.045	19,045.60	2
LEX T5 (3 x 125 litre)	1500.00.055	20,852.30	2

Accessories	Order-No.	Price (€)	KG
Regeneration salt (25 kg)	3000.00.911	34.75	2
Tundish *	0214.00.908	65.10	2
Triple tundish	0214.00.005	64.20	2

* For Lex-T units you need 3 pieces!

Spare parts

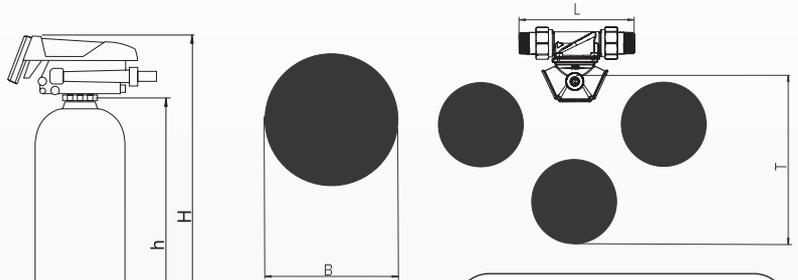
Universal flange max	DN 32	2315.32.201	186.15	1
	DN 40	2315.40.201	232.35	1
	DN 50	2315.50.201	265.75	1
Shut-off- and bypass valve		1700.00.002	143.85	2
Hardness tester		3000.00.913	67.20	2
Blending valve for double distributor		1500.00.947	265.85	2
Salt container	110 litre (T1)	1500.00.967	637.25	2
	200 litre (T2)	1500.00.932	719.60	2
	300 litre (T3+T4)	1500.00.933	811.35	2
	500 litre (T5)	1500.00.988	1,352.10	2
Control head	LEX T1	1500.00.920	898.80	2
	LEX T2	1500.00.921	898.80	2
	LEX T3	1500.00.937	898.80	2
	LEX T4	1500.00.938	898.80	2
	LEX T5	1500.00.900	898.80	2
Sealing material		1500.00.904	4.60	2
Connect control	LEX T1	1500.00.941	979.75	2
	LEX T2	1500.00.942	979.75	2
	LEX T3	1500.00.943	979.75	2
	LEX T4	1500.00.944	979.75	2
	LEX T5	1500.00.999	979.75	2
Flexible connecting hoses		1500.00.905	148.60	2

LEX T 1500 Connect Triple Water Softener

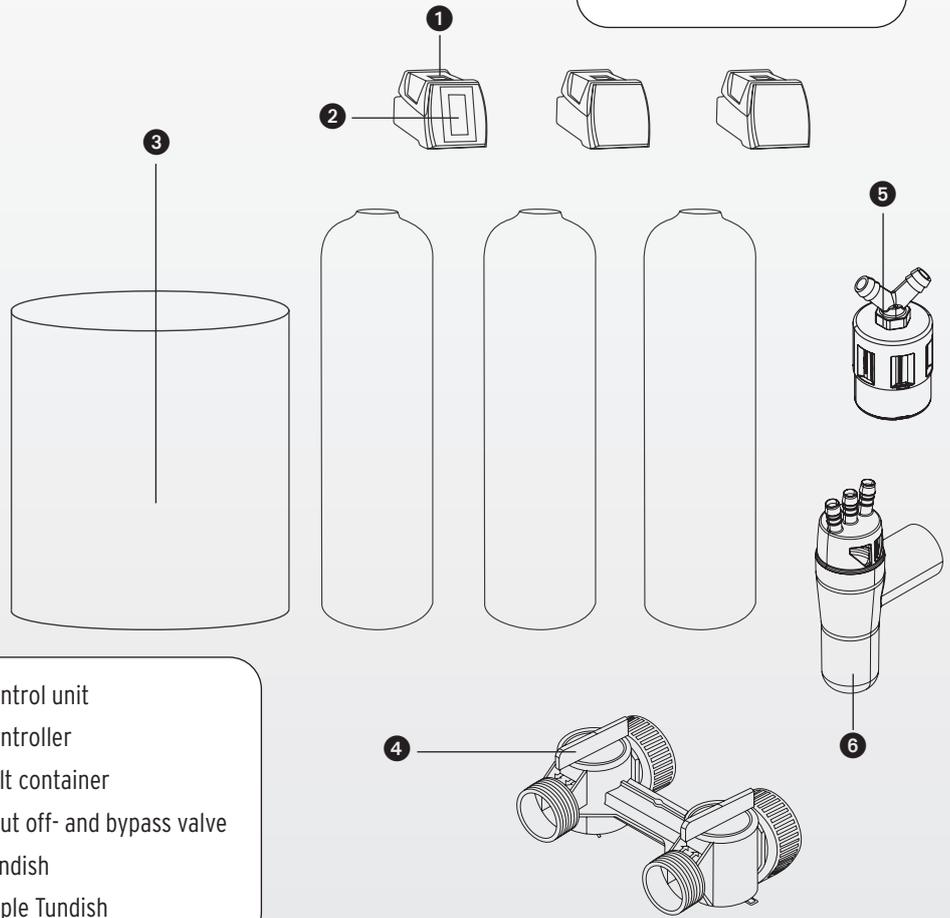
1

Spare parts		Order-No.	Price (€)	KG
Maintenance kit		1500.00.930	122.40	2
Maintenance case		1500.00.922	1,745.40	2
Resin bottle	LEX 20 (T1)	1500.00.927	572.40	2
	LEX 30 (T2)	1500.00.928	629.30	2
	LEX 60 (T3)	1500.00.939	760.95	2
	LEX 90 (T4)	1500.00.940	871.00	2
	LEX 125 (T5)	1500.00.987	1,053.65	2
John-Guest-connecting angle		1500.00.929	68.95	2
Motor with cable loom		1500.00.964	334.55	2
Power plug f. plastics display (old)		1500.00.948	111.10	2
Power plug for glass display (new)		1500.01.915	39.00	2

Dimensions (mm)			
Type	LEX T1/T2	LEX T3	LEX T4
H	1070	1150	1570
h	900	980	1400
T	~1000	~1000	~1000
B	460	620	620
S2 Rinsing water	965	1050	1425



Dimensions (mm)		
L	DN 32	216
	DN 40	240
	DN 50	265



- ① Control unit
- ② Controller
- ③ Salt container
- ④ Shut off- and bypass valve
- ⑤ Tundish
- ⑥ Triple Tundish



NeoDos Connect Dosing pump

The SYR NeoDos Connect adds a mineral combination to the water, which stabilizes the hardness of the water and builds up a protective layer in the pipes. Deposits and corrosion are prevented or stopped. A special turbine technology ensures that the dosage is precisely adjusted to the individual water consumption. The NeoDos Connect logs and stores all dosing data. These can be monitored at any time via the SYR App, exported in html format and stored on an USB stick that can be connected to the USB interface of the dosing pump for easy compliance with documentation requirements. The DL 1 and DL 2 dosing solutions are approved drinking water additives and comply with the requirements of the foodstuffs act, the additives ordinance and the drinking water ordinance. Developed on the basis of numerous scientific studies, DL 1 and DL 2 are already being used successfully by German drinking water suppliers.

Order the connection set and dosing solution as well!

Technical data

Connecting size	DN 20, DN 25 or DN 32
Operating pressure	max. 8 bar
Operating temperature	max. 30 °C
Fluid	potable water
Power supply	110-240V / 50 - 60 Hz
Working area (DIN EN 14812)	0.06 to 6 m ³ /h
Flow rate	6.0 m ³ /h at 0.28 bar Δp
Dosing capacity	100 ml/m ³
Power supply	110-240V/50-60 Hz
Device voltage	24V DC

	Order-No.	Price (€)	KG
NeoDos Connect Dosing pump	3100.00.010	1,882.90	2

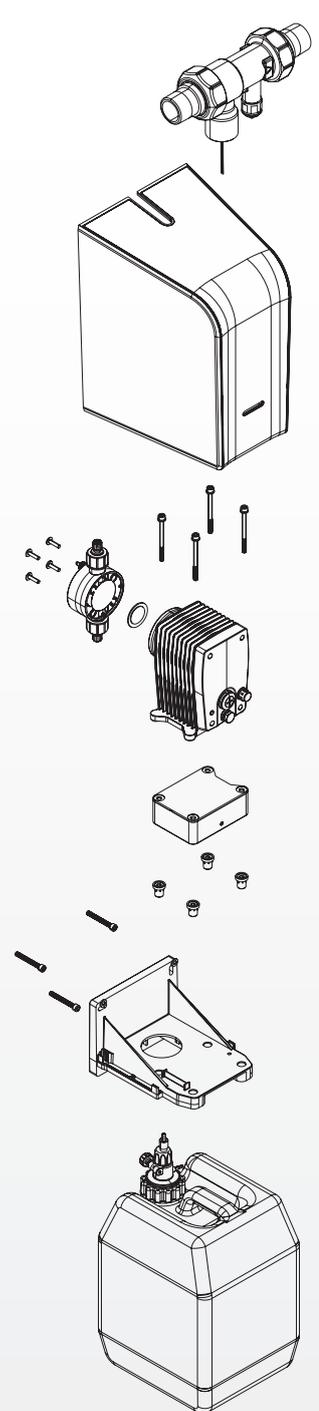
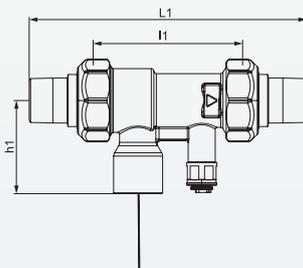
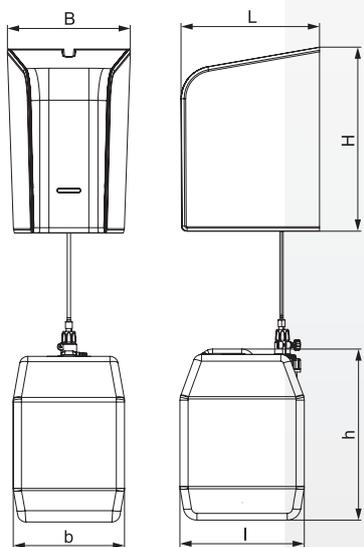
- **Electronic control for the application of the dosing solutions into the drinking water installation**
- **Integrated WiFi**
- **Notifications via push message/email (online mode)**
- **Operation online or offline (statistics and logs available)**
- **USB interface (connection USB stick for saving possible)**
- **Installation in DN 20, 25 or 32 (connection set as accessory)**
- **Combination with NeoSoft softener: connection set is included in the NeoDos Connect packaging**
- **Combination with LEX Plus 10 Connect series: Connection set as accessory**



When using a water softener, a combination with the NeoDos Connect dosing pump is recommended to avoid increased risk of corrosion.

Accessories		Order-No.	Price (€)	KG
Connection set	DN 20	3100.20.000	126.65	1
	DN 25	3100.25.000	134.85	1
	DN 32	3100.32.000	145.30	1
Connection set LEX plus series		3100.00.011	66.85	2
Dosing solution DL 1	10 litres	3100.00.919	91.25	2
	5 litres	3100.00.921	60.15	2
Dosing solution DL 2	10 litres	3100.00.920	91.25	2
	5 litres	3100.00.922	60.15	2
Hose-Set		3100.00.923	12.90	2
Spare parts				
Dosing pump		3100.00.927	1,474.95	2
Electronic box		3100.00.925	244.10	2
Membrane set		3100.00.924	4.20	2
Power supply		3100.00.926	38.15	2

Dimensions (mm)	Connection-Set		
	DN 20 / R 3/4"	DN 25 / R 1"	DN 32 / R 1 1/4"
H	340	-	-
h	316	-	-
L	253	-	-
l	228	-	-
B	225	-	-
b	204	-	-
L1	164	160	184
l1	90	90	90
h1	55.5	55.5	55.5

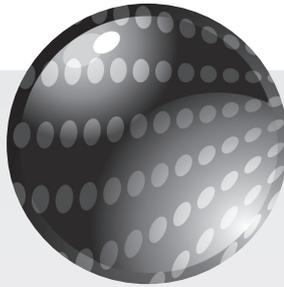


With the two new SYR dosing solutions DL 1 and DL 2 all applications can be covered.

Hardness range 3		> 14 °dH for hardness stabilization
Dosing solution DL 1		Phosphate containing, carbon activated silicate combination
Benefits		Hardness stabilization and corrosion protection
Dosing quantity		100 ml/m ³
Input at 100 ml/m ³		2 g phosphate and 2 g silicate per m ³
Hardness range 1 - 2		< 14 °dH as corrosion protection and after water softeners
Dosing solution DL 2		Phosphate special combination
Benefits		Corrosion protection and hardness stabilization
Dosing quantity		100 ml/m ³
Input at 100 ml/m ³		3 g phosphate per m ³







Filter technology

DRUFI+ 2315	48
DRUFI+ max 2315	50
Flange program	52
DUO 2314	56
DUO HOT 2314	58
Ratio 5315	60
Ratio HOT 5315	62
Ratio Vario	64
Ratchet filter 5314	66
JETFI 1998	68
Flange filter 6380	70
POU Smart 7315	72
Automatic Backwash System RSA 2316	74



DRUFI+ DFR 2315 and FR 2315 Backwash filter

DRUFI+ DFR Semi-automatic backwash filter with pressure reducing valve, pressure gauge, tundish (according to EN 1717), outlet pressure adjustment range 1.5 to 6 bar (factory set to 4 bar). Molded seal, screws and Allen key for the assembly included.

DRUFI+ FR Semi-automatic backwash filter with tundish (according to EN 1717). Molded seal, screws and Allen key for the assembly included.

Do not forget to order the SYR connection flange DN 20 to 32 (page 52)!

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 1.1 bar
DN 32	5.8 m³/h at Δp 1.1 bar
Flow rate FR	
DN 20	3.0 m³/h at Δp 0.2 bar
DN 25	3.8 m³/h at Δp 0.2 bar
DN 32	3.9 m³/h at Δp 0.2 bar
DN 20	4.9 m³/h at Δp 0.5 bar
DN 25	6.1 m³/h at Δp 0.5 bar
DN 32	6.3 m³/h at Δp 0.5 bar
Mounting position	any, with angle tundish (accessories) also in horizontal position
Mesh width	90 μm
ABP.-No.	
DFR	P-IX 6952/I
FR	P-IX 6951/I

The DRUFI+ DFR/FR can be upgraded with the automatic backwash RSA (page 74) to a fully automatic system!

DESIGN PLUS

powered by: ISH



Product movie

	Order-No.	Price (€)	KG
DRUFI+ DFR	2315.01.200	324.85	1
DRUFI+ FR	2315.01.201	281.50	1

- Prevents pitting and corrosion
- New backwash system with high efficiency
- Memory function: maintenance indicator as a reminder when backwashing is due
- Accessory: automatic backwash system RSA, no tools required when mounting

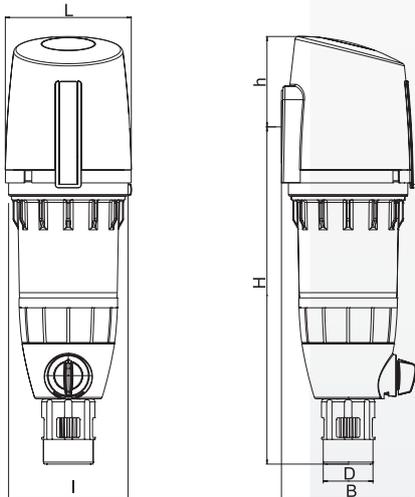
SYR expert advice

Use the angle tundish to mount the DRUFI in horizontal position!



Dimensions (mm)

H	341.5
h	92
L	127
I	120
D	50
B	135

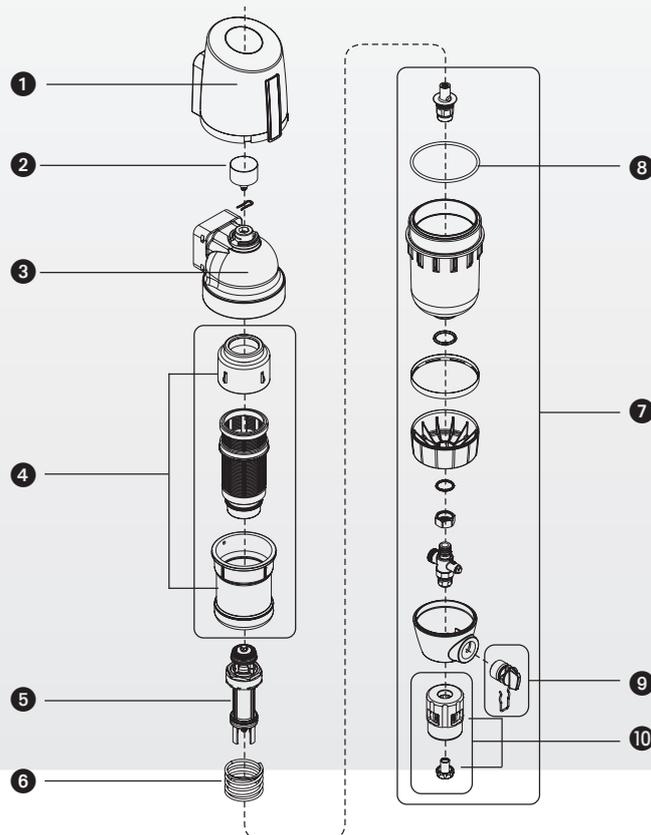


- 1 Cover
- 2 Pressure gauge
- 3 Valve body
- 4 Filter insert
- 5 Pressure reducing cartridge
- 6 Spring
- 7 Filter cup
- 8 O-ring for filter cup
- 9 Backwash knob
- 10 Tundish

Accessories	Order-No.	Price (€)	KG
Connection flange	DN 20	2315.20.200	74.20 1
	DN 25	2315.25.200	94.90 1
	DN 32	2315.32.200	119.25 1
Assembly key for filter cup	2000.25.907	22.95 1	
Angle tundish	2315.01.924	18.60 1	

Spare parts

Pressure reducing cartridge, up to 2015			
retrofitting and replacement set	2315.01.925	106.65	1
Pressure reducing cartridge, from 2016			
retrofitting and replacement set	2315.01.970	106.65	1
Filter insert,			
stainless steel filter mesh (90 µm)	2315.00.930	63.40	1
and O-ring for filter cup (40 µm)	2315.01.946	63.40	1
(20 µm)	2315.01.965	63.40	1
Valve body	DFR	2315.01.918	145.40 1
	FR	2315.00.929	145.40 1
Guide sleeve	FR	2315.00.932	58.60 1
Spring	DFR, FR	2315.00.961	20.55 1
Cover		2315.01.919	27.85 1
Pressure gauge			
for DRUFI+ 0-10 bar	2315.01.920	23.30	1
Filter cup up to 2015	DFR	2315.01.914	148.60 1
	FR	2315.01.915	148.60 1
Filter cup from 2016	DFR	2315.01.971	122.60 1
O-ring for filter cup		2315.01.922	4.75 1
Flange seal		2315.00.931	20.55 1
Backwash knob		2315.01.923	9.30 1
Tundish		2315.01.921	13.85 1



DRUFI+ max DFR 2315 and FR 2315 Backwash filter

DRUFI+ max DFR Semi-automatic backwash filter with pressure reducing valve, inlet pressure manometer (0-25 bar) and outlet pressure manometer (0-10 bar), outlet pressure setting range 1.5 to 6 bar. Includes molded seal, screws, Allen key for the assembly.

DRUFI+ max FR Semi-automatic backwash filter with pressure gauge. Upgradable with a pressure reducing valve (order-no. 2315.01.934). Molded seal, screws, Allen key for the assembly included.

Do not forget to order the SYR connection flange DN 32 to DN 50 (page 54)!

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water

The DRUFI+ max DFR/FR can be upgraded with the automatic backwash RSA (page 74) to a fully automatic system!

Flow rate DFR

DN 32	5.8 m ³ /h at Δp 1.1 bar
DN 40	9.1 m ³ /h at Δp 1.1 bar
DN 50	14.0 m ³ /h at Δp 1.1 bar

Flow rate FR

DN 32	8.4 m ³ /h at Δp 0.2 bar
DN 40	9.0 m ³ /h at Δp 0.2 bar
DN 50	9.2 m ³ /h at Δp 0.2 bar
DN 32	13.0 m ³ /h at Δp 0.5 bar
DN 40	14.5 m ³ /h at Δp 0.5 bar
DN 50	15.0 m ³ /h at Δp 0.5 bar

Mounting position any, with angle tundish (accessories) also in horizontal position

Mesh width 90 μm

ABP.-No.

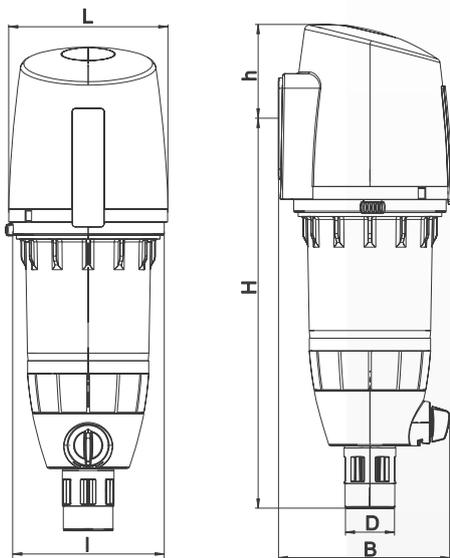
DFR	P-IX 7565/1 (DN 32)
FR	P-IX 7564/1 (DN 32)

	Order-No.	Price (€)	KG
DRUFI+ max DFR	2315.01.202	714.55	1
DRUFI+ max FR	2315.01.203	642.45	1



SYR expert advice

Use the angle tundish to mount the DRUFI in horizontal position!



Dimensions (mm)

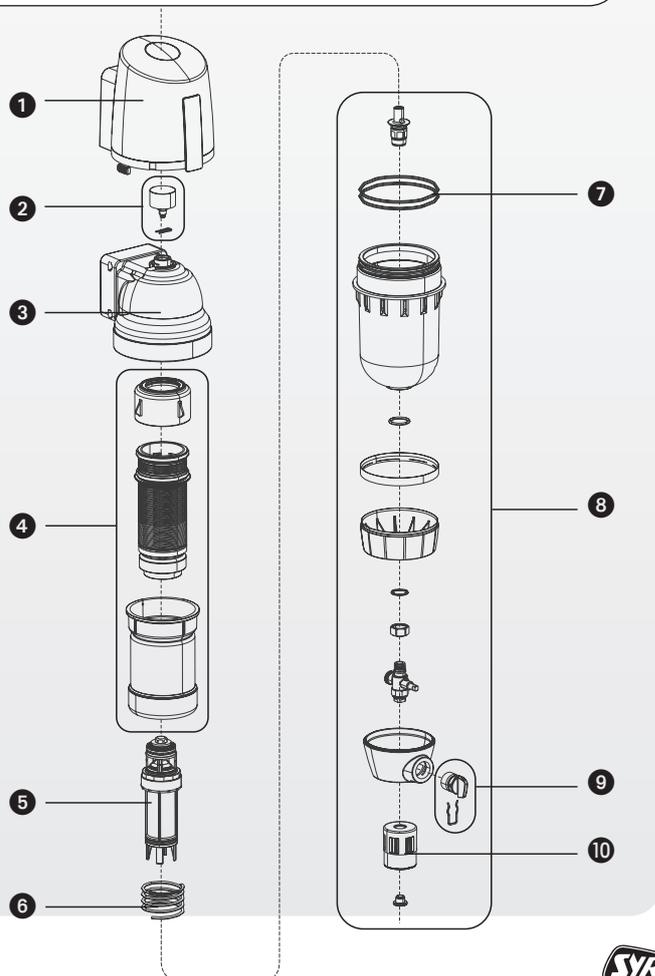
L	159.6
I	153.4
H	384.5
h	105.7
D	50
B	172.3

- 1 Cover
- 2 Pressure gauge
- 3 Valve body
- 4 Filter insert, complete
- 5 Pressure reducing cartridge
- 6 Spring
- 7 O-rings, filter cup
- 8 Filter cup
- 9 Knob
- 10 Tundish

Accessories	Order-No.	Price (€)	KG
DRUFI max universal flange			
DN 32	2315.32.201	186.15	1
DN 40	2315.40.201	232.35	1
DN 50	2315.50.201	265.75	1
Assembly key for filter cup	2315.01.927	37.90	1
Angle tundish	2315.01.924	18.60	1

Spare parts

Pressure reducing cartridge with knob			
Retrofitting and replacement set	2315.01.934	170.20	1
Valve body	2315.01.931	351.60	1
Filter insert	2315.01.932	178.25	1
Backwash knob	2315.01.941	29.00	1
O-rings for filter cup	2315.01.940	8.35	1
Filter cup	DFR max	208.20	1
	FR max	208.20	1
Pressure gauge			
for DRUFI+ max DFR	2000.00.907	21.45	1
Pressure gauge (horizontal connection)			
for DRUFI+ max flange, 0-10 bar	2315.01.930	23.30	1
Flange seal with screws	2315.00.944	41.50	1
Spring	2315.01.935	36.70	1
Guide sleeve	FR	2315.01.933	133.10
Tundish	2315.01.943	20.50	1



SYR Flange program

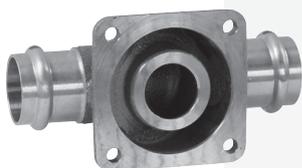
SYR's well-thought-out flange program perfectly fits the respective products. All flanges can be mounted in horizontal or vertical pipes.



Universal flange

For DRUFI+, SYR Softener and SafeTech+ as well as other SYR articles. Casing made of hot-stamped brass, with threaded unions on both sides, any mounting position.

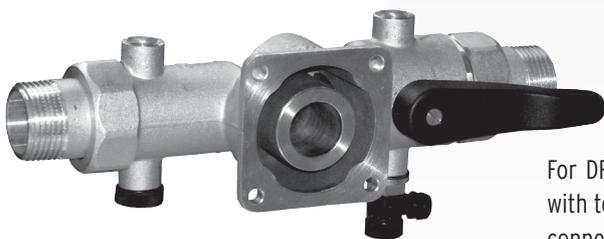
Universal flange	Order-No.	Price (€)	KG
DN 20 Thread union	2315.20.200	74.20	1
DN 25 Thread union	2315.25.200	94.90	1
DN 32 Thread union	2315.32.200	119.25	1



Press flange

For DRUFI+, SYR Softener and SafeTech+ as well as other SYR articles. Casing made of gunmetal, with press fittings on both sides (Viega Press-System for the use in copper and stainless steel installations), any mounting position.

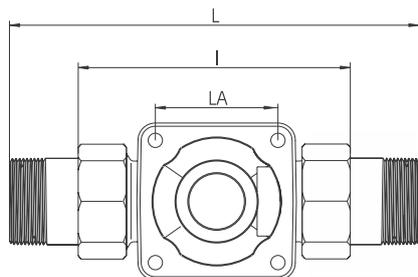
Press flange	Order-No.	Price (€)	KG
22 mm	2315.20.025	76.05	1
28 mm	2315.25.025	89.15	1
35 mm	2315.32.025	105.75	1



Domestic water unit flange 2000 Plus

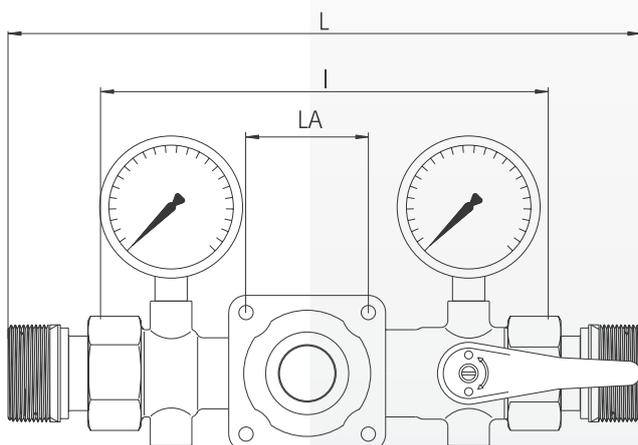
For DRUFI+ as well as other SYR articles. Casing made of gunmetal. Check valve with test device, shut-off valve for maintenance (ball valve), drain of main line and connections for inlet and outlet pressure manometer, with threaded unions on both sides, any mounting position. Inlet and outlet pressure manometers with vertical connection.

HWS-Flange 2000 Plus	Order-No.	Price (€)	KG
DN 20 Thread union	2000.20.015	165.95	1
DN 25 Thread union	2000.25.015	185.20	1
DN 32 Thread union	2000.32.015	209.05	1

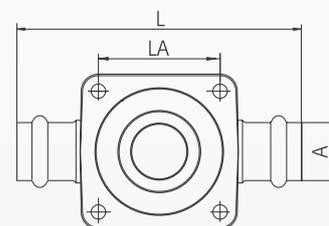


Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	155	170	191
l	90	100	105
LA	53	53	53

Accessories Universal flange	Order-No.	Price (€)	KG
Unions			
DN 20	0812.20.900	13.15	1
DN 25	0812.25.900	20.15	1
DN 32	0812.32.900	32.80	1



Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	229	234	250
l	164	164	164
LA	53	53	53



Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
A	22	28	35
L	124	128	128
LA	53	53	53

Accessories DWU-Flange	Order-No.	Price (€)	KG
Unions			
DN 20	0814.20.900	27.20	1
DN 25	0812.25.900	20.15	1
DN 32	0816.32.900	55.10	1
Spare parts DWU-Flange			
Pressure gauge			
10 bar	2000.00.906	21.45	1
25 bar	2000.00.907	21.45	1
Check valve	2000.00.910	35.35	1
Manometer plug	0828.08.000	1.75	1
Drain plug	2315.00.920	20.30	1
Isolating valve	2000.00.920	12.95	1

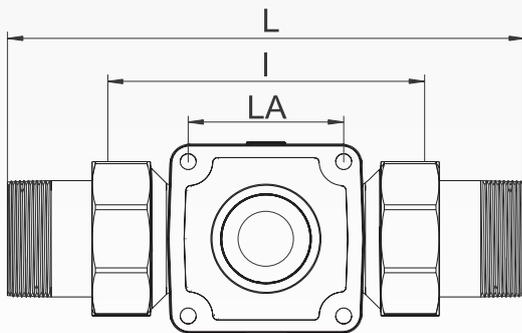


Universal flange max

For all DRUFI+ max versions. Casing made of gunmetal, with connection for an inlet pressure manometer. With threaded unions on both sides. The pressure gauges are included in the delivery of the DRUFI+ max DFR and FR.

Universal flange max	Order-No.	Price (€)	KG
DN 32	2315.32.201	186.15	1
DN 40	2315.40.201	232.35	1
DN 50	2315.50.201	265.75	1

Accessories			
Universal flange max	Order-No.	Price (€)	KG
Manometer plug	0828.08.000	1.75	1
Unions			
DN 32	0812.32.900	32.80	1
DN 40	0812.40.900	58.50	1
DN 50	0812.50.900	72.45	1
Spare parts for Universal flange max			
Pressure gauge	2315.01.930	23.30	1



Dimensions	Nominal size		
(mm)	DN 32	DN 40	DN 50
L	220	240	265
I	130	150	150
LA	80	80	80



Combination flange

The combination flange is designed for the connection of various SYR systems for the installation in confined spaces. A connection flange DN 20 - DN 32 is required for the use of the combination flange. Made of gunmetal.

Combination flange	Order-No.	Price (€)	KG
DN 20 - 32	2315.00.071	306.55	2

Possible system combinations:

DRUFI	↔	IT 3000
DRUFI	↔	LEX 1500 Connect
DRUFI	↔	Dosing pump DP 1 and DP 2
IT 3000	↔	Dosing pump DP 1 and DP 2
LEX 1500 Connect	↔	Dosing pump DP 1 and DP 2

Blanking cap

For all SYR Universal flanges. Blanking cap made of low lead brass alloy, screws and O-ring included. Pressure-resistant up to PN 16.



Blanking cap	Order-No.	Price (€)	KG
DN 20 - 32	2320.00.901	24.15	1



Blanking cap	Order-No.	Price (€)	KG
DN 32 - 50	2315.01.911	27.15	1



DUO DFR



DUO FR



DUO DFR 2314 and FR 2314 Backwash filter

DUO DFR Backwash filter with pressure reducing valve, pressure gauge and fully rotatable integrated connection flange. Outlet pressure adjustment range 1.5 to 6 bar. Preset to 4 bar. Complies with DIN 1988, noise tested, acoustic protection class 1, DVGW approval. Flange made of high-quality brass alloy.

DUO FR Backwash filter with fully rotatable integrated connection flange. Complies with DIN 1988, noise-tested, acoustic protection class 1, DVGW approval. Flange made of high-quality brass alloy.

Technical specifications

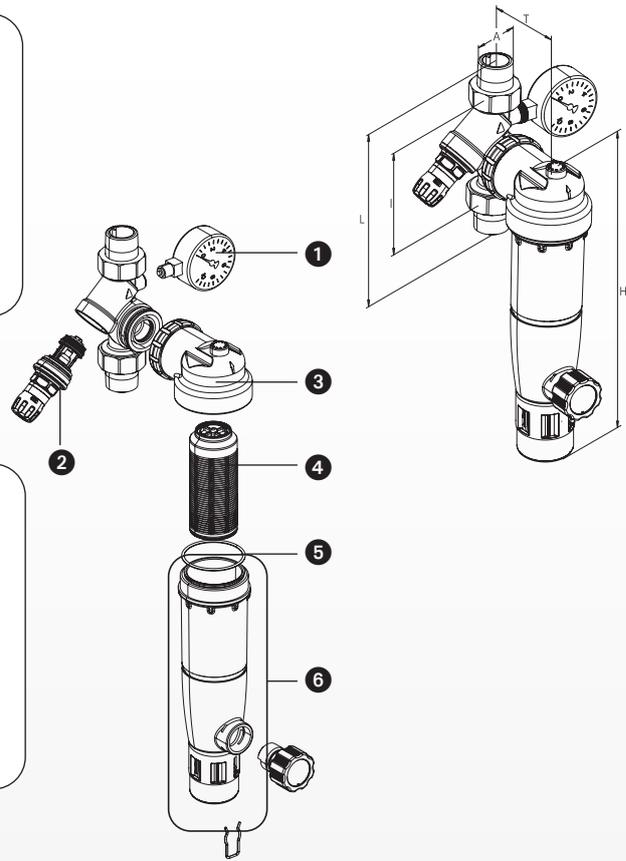
Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 20 (R ¾)	2.3 m³/h at Δp 1.1 bar
DN 20 (R 1)	2.3 m³/h at Δp 1.1 bar
Flow rate FR	
DN 20	1.4 m³/h at Δp 0.2 bar
DN 25	2.3 m³/h at Δp 0.2 bar
DN 20	2.3 m³/h at Δp 0.5 bar
DN 25	3.6 m³/h at Δp 0.5 bar
Mounting position	any (by rotatable flange)
Mesh width	90 µm
ABP.-No.	
DUO DFR	P-IX 6738/I
DUO FR	P-IX 6737/I

	Order-No.	Price (€)	KG
DUO DFR	DN 20	2314.20.000	263.45 1
	DN 25	2314.25.000	270.25 1
DUO FR	DN 20	2314.20.001	212.65 1
	DN 25	2314.25.001	219.20 1

Accessories	Order-No.	Price (€)	KG
Assembly key for filter cup	2350.00.906	22.95	1
Spare parts			
Pressure gauge	2000.00.906	21.45	1
Valve body	2350.00.901	67.05	1
Filter cup	2350.00.904	110.10	1
Filter element	2350.00.903	79.55	1
Pressure reducing cartridge	0312.20.928	91.25	1
O-ring	2350.00.907	6.50	1

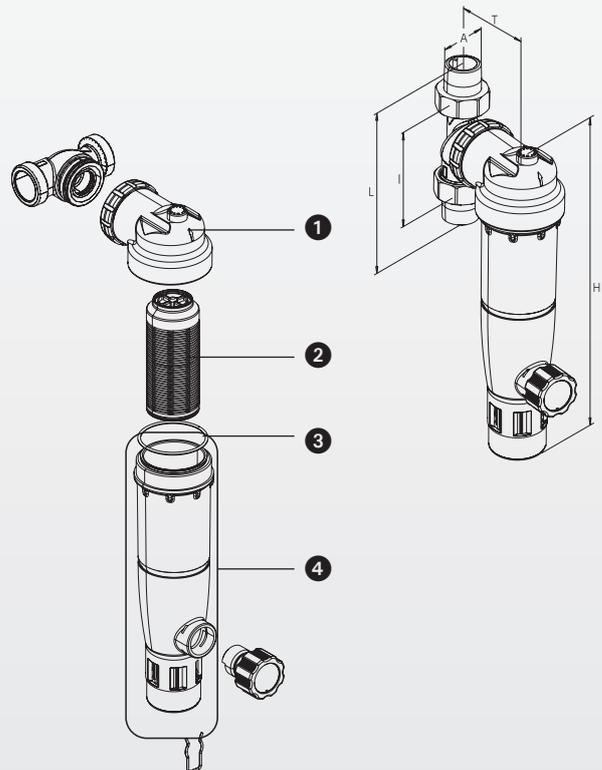
Dimensions (mm)	Nominal size DFR	
	DN 20	DN 25
A	R ¾	R 1
H	310	310
L	172	180
I	110	110
T	90	90

- 1 Pressure gauge
- 2 Pressure reducing cartridge
- 3 Valve body
- 4 Filter element
- 5 O-ring
- 6 Filter cup



Dimensions (mm)	Nominal size FR	
	DN 20	DN 25
A	R ¾	R 1
H	310	310
L	157	165
I	95	95
T	85	85

- 1 Valve body
- 2 Filter element
- 3 O-ring
- 4 Filter cup





DUO HOT DFR



DUO HOT FR

DUO HOT DFR 2314 and FR 2314 Manual Backwash filter

DUO HOT DFR Backwash filter with pressure reducing valve, pressure gauge and fully rotatable integrated connection flange. Outlet pressure adjustment range 1.5 to 6 bar. Preset to 4 bar. Noise-tested, acoustic protection class 1. Flange made of high-quality brass alloy.

DUO HOT FR Backwash filter with fully rotatable integrated connection flange. Noise-tested, acoustic protection class 1. Flange made of high-quality brass alloy.

Technical specifications

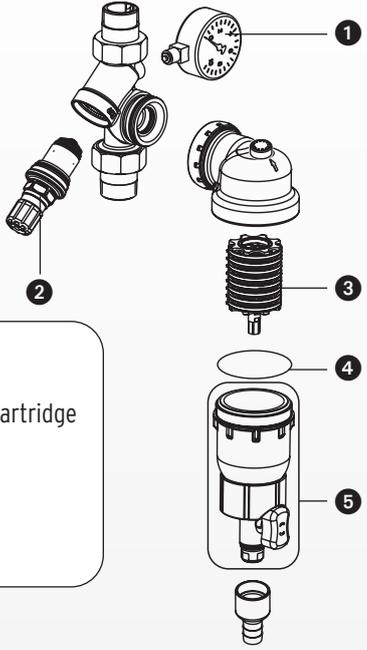
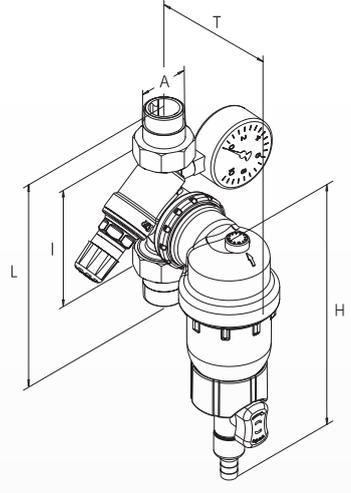
Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	80 °C
Fluid	potable water
Flow rate HOT DFR	
DN 20 (R ¾)	2.3 m³/h at Δp 1.1 bar
DN 20 (R 1)	2.3 m³/h at Δp 1.1 bar
Flow rate HOT FR	
DN 20	1.8 m³/h at Δp 0.2 bar
DN 25	2.3 m³/h at Δp 0.2 bar
DN 20	2.7 m³/h at Δp 0.5 bar
DN 25	3.6 m³/h at Δp 0.5 bar
Mounting position	any (by rotatable flange)
Mesh width	90 μm

		Order-No.	Price (€)	KG
DUO HOT DFR	DN 20	2314.20.004	263.45	1
	DN 25	2314.25.004	270.25	1
DUO HOT FR	DN 20	2314.20.005	212.65	1
	DN 25	2314.25.005	219.20	1

Accessories	Order-No.	Price (€)	KG
Assembly key for filter cup	2314.00.904	22.95	1
Spare parts			
Pressure gauge	2314.00.907	21.45	1
Filter cup	2314.00.905	122.60	1
Filter element	2340.00.900	54.15	1
Pressure reducing cartridge	0315.20.910	91.25	1
O-ring	2314.00.903	6.50	1

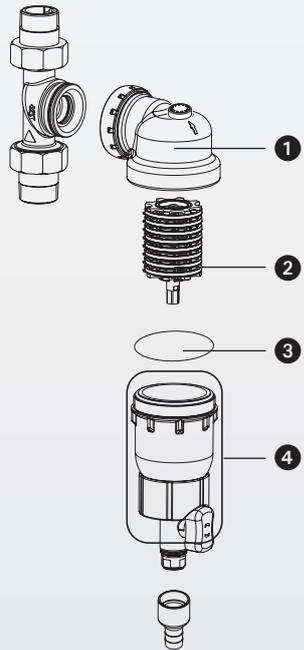
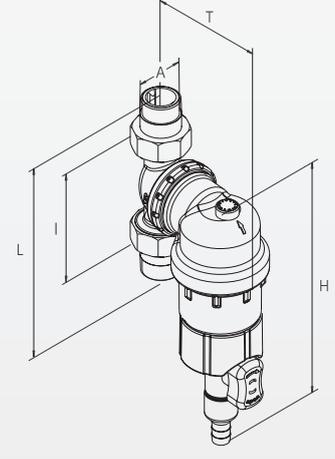
DUO HOT DFR / FR 2314 Manual Backwash filter

Dimensions (mm)	Nominal size HOT DFR	
	DN 20	DN 20
A	R 3/4	R 1
H	229	229
L	172	180
I	95	95
T	120	120



- 1 Pressure gauge
- 2 Pressure reducing cartridge
- 3 Filter element
- 4 O-ring
- 5 Filter cup

Dimensions (mm)	Nominal size HOT FR	
	DN 20	DN 25
A	R 3/4	R 1
H	229	229
L	157	165
I	95	95
T	120	120



- 1 Valve body
- 2 Filter element
- 3 O-ring
- 4 Filter cup



Ratio DFR



Ratio FR

Ratio DFR 5315 and FR 5315 Manual Backwash filter

Ratio DFR Backwash filter with pressure reducing valve. Outlet pressure adjustment range 1.5 to 6 bar. Preset to 4 bar. Complies with the European standards. Body made of high-quality brass alloy.

Ratio FR Backwash filter. Complies with the European standards. Body made of high-quality brass alloy.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
DN 25	2.3 m ³ /h at Δp 1.1 bar
Flow rate FR	
DN 15	2.0 m ³ /h at Δp 0.2 bar
DN 20	2.3 m ³ /h at Δp 0.2 bar
DN 25	3.0 m ³ /h at Δp 0.2 bar
DN 15	3.4 m ³ /h at Δp 0.5 bar
DN 20	4.4 m ³ /h at Δp 0.5 bar
DN 25	5.2 m ³ /h at Δp 0.5 bar
Mounting position	main axis vertical
Mesh width	90 μm

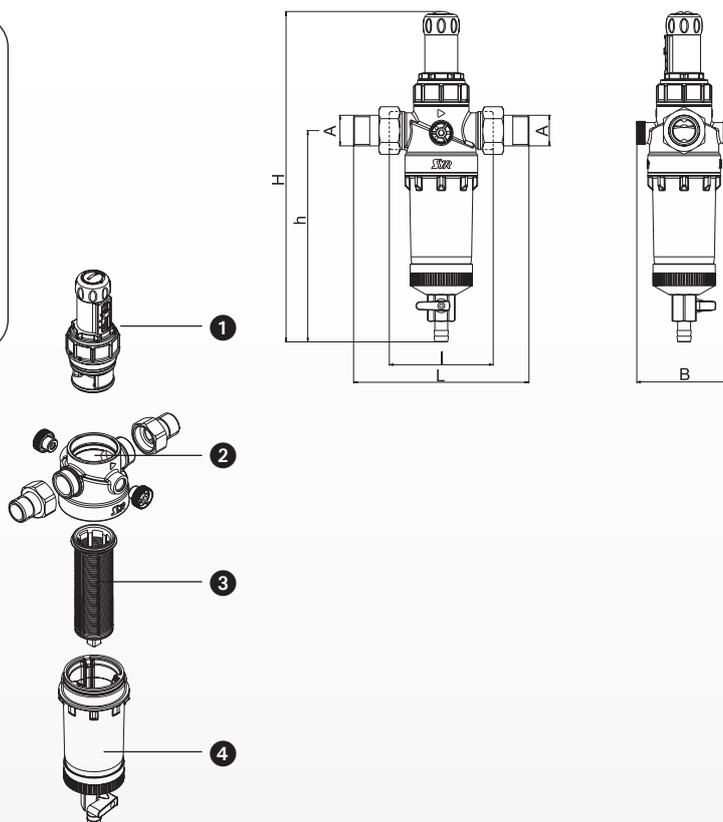
		Order-No.	Price (€)	KG
Ratio DFR	DN 15	5315.15.004	110.85	1
	DN 20	5315.20.004	116.35	1
	DN 25	5315.25.004	123.80	1
Ratio FR	DN 15	5315.15.005	80.85	1
	DN 20	5315.20.005	86.30	1
	DN 25	5315.25.005	94.10	1

Accessories	Order-No.	Price (€)	KG
Assembly key for filter cup	5315.00.902	20.15	1
Spare parts			
Plug	5315.00.901	11.85	1
Filter cup	5315.00.904	56.90	1
Filter element	5315.00.903	25.65	1
Pressure reducing cartridge	5315.00.900	39.70	1

Ratio DFR / FR 5315 Manual Backwash filter

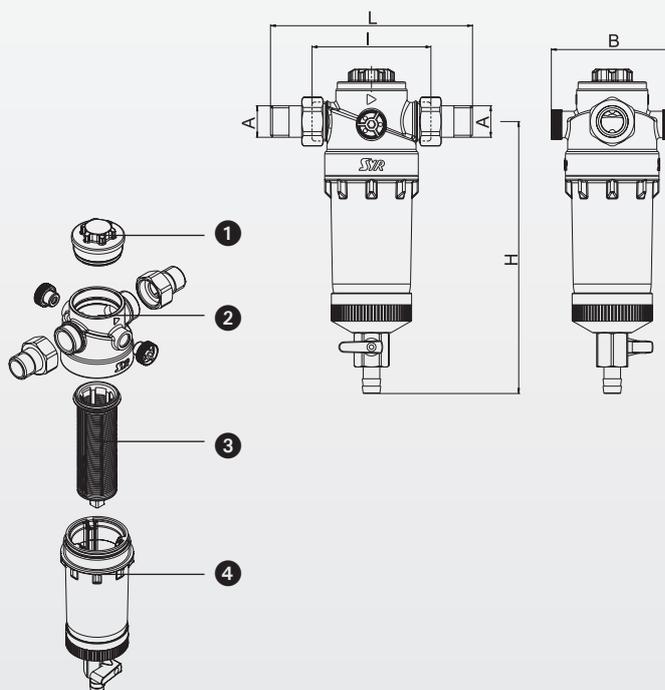
Dimensions (mm)	Nominal size DFR		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	288.5	288.5	288.5
h	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 1 Pressure reducing cartridge
- 2 Valve body
- 3 Filter element
- 4 Filter cup



Dimensions (mm)	Nominal size FR		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 1 Plug
- 2 Valve body
- 3 Filter element
- 4 Filter cup





Ratio DFR HOT



Ratio FR HOT

Ratio DFR HOT 5315 and FR HOT 5315 Manual Backwash filter

Ratio DFR Backwash filter with pressure reducing valve. Outlet pressure adjustment range 1.5 to 6 bar. Preset to 4 bar. Complies with the European standards. Body made of high-quality brass alloy.

Ratio FR Backwash filter. Complies with the European standards. Body made of high-quality brass alloy.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	80 °C
Fluid	potable water
Flow rate DFR	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
DN 25	2.3 m ³ /h at Δp 1.1 bar
Flow rate FR	
DN 15	2.0 m ³ /h at Δp 0.2 bar
DN 20	2.3 m ³ /h at Δp 0.2 bar
DN 25	3.0 m ³ /h at Δp 0.2 bar
DN 15	3.4 m ³ /h at Δp 0.5 bar
DN 20	4.4 m ³ /h at Δp 0.5 bar
DN 25	5.2 m ³ /h at Δp 0.5 bar
Mounting position	main axis vertical
Mesh width	90 μm

		Order-No.	Price (€)	KG
Ratio DFR	DN 15	5315.15.002	135.15	1
	DN 20	5315.20.002	137.50	1
	DN 25	5315.25.002	146.50	1
Ratio FR	DN 15	5315.15.003	90.30	1
	DN 20	5315.20.003	96.60	1
	DN 25	5315.25.003	105.60	1

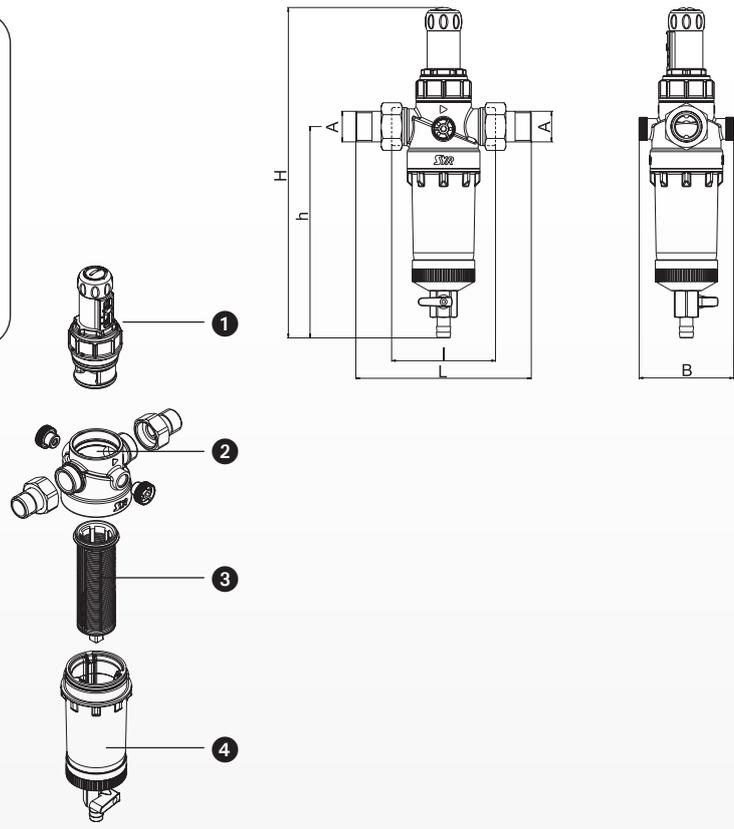
Accessories	Order-No.	Price (€)	KG
Assembly key for filter cup	5315.00.902	20.15	1
Spare parts			
Plug	5315.00.901	11.85	1
Filter cup	5315.00.906	68.30	1
Filter element	5315.00.903	25.65	1
Pressure reducing cartridge	5315.00.905	53.15	1

Ratio DFR HOT / FR HOT 5315 Manual Backwash filter

2

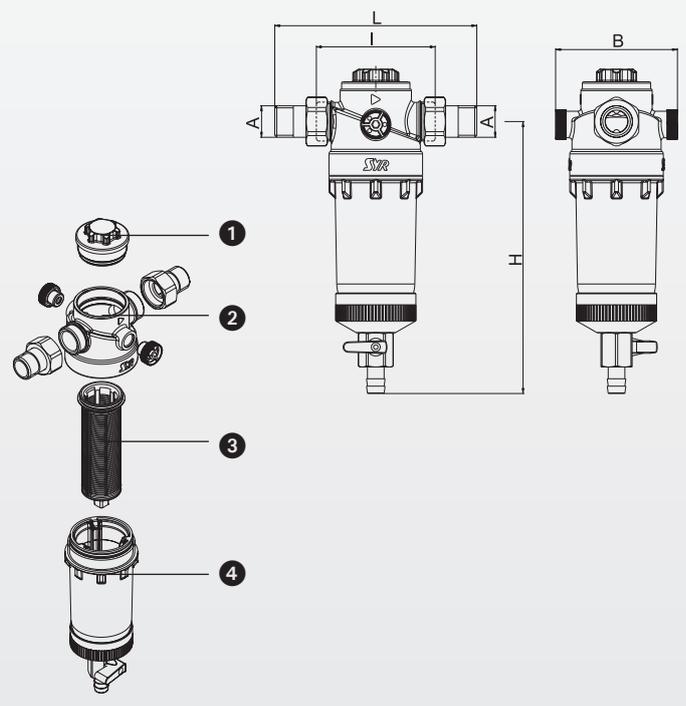
Dimensions (mm)	Nominal size DFR HOT		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	288.5	288.5	288.5
h	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 1 Pressure reducing cartridge
- 2 Valve body
- 3 Filter element
- 4 Filter cup



Dimensions (mm)	Nominal size FR HOT		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 1 Plug
- 2 Valve body
- 3 Filter element
- 4 Filter cup





Ratio Vario DFR 5315 and FR 5315 Manual Backwash filter

Ratio DFR Backwash filter with pressure reducing valve and fully rotatable integrated connection flange. Outlet pressure adjustment range 1.5 to 6 bar. Preset to 4 bar.

Ratio FR Backwash filter with fully rotatable integrated connection flange.

Do not forget to order the SYR Vario flange DN 15 to DN 25!

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 15	1.3 m³/h at Δp 1.1 bar
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	2.3 m³/h at Δp 1.1 bar
Flow rate FR	
DN 15	2.0 m³/h at Δp 0.2 bar
DN 20	2.3 m³/h at Δp 0.2 bar
DN 25	3.0 m³/h at Δp 0.2 bar
DN 15	3.4 m³/h at Δp 0.5 bar
DN 20	4.4 m³/h at Δp 0.5 bar
DN 25	5.2 m³/h at Δp 0.5 bar
Mounting position	any (by rotatable flange)
Mesh width	90 μm

		Order-No.	Price (€)	KG
Ratio Vario DFR		5315.00.000	120.40	1
Ratio Vario FR		5315.00.001	85.20	1
Flange	DN 15	5315.15.008	69.05	1
Flange	DN 20	5315.20.008	75.55	1
Flange	DN 25	5315.25.008	82.15	1

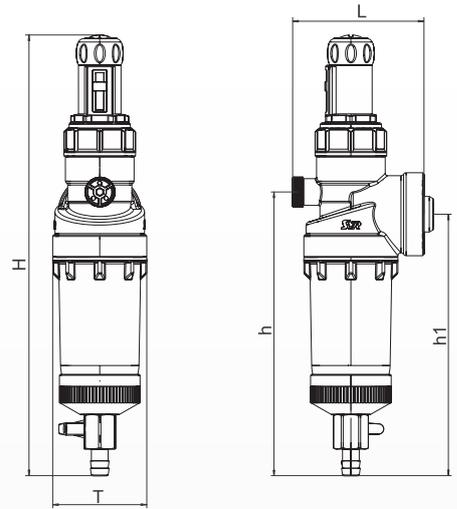
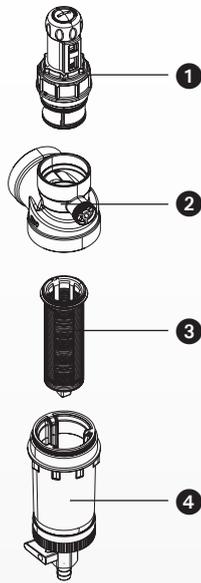
Accessories		Order-No.	Price (€)	KG
Assembly key for filter cup		5315.00.902	20.15	1
Spare parts				
Plug		5315.00.901	11.85	1
Filter cup		5315.00.904	56.90	1
Filter element		5315.00.903	25.65	1
Pressure reducing cartridge		5315.00.900	39.70	1

Ratio Vario DFR / Vario FR 5315 Manual Backwash filter

Dimensions Nominal size DFR (mm)

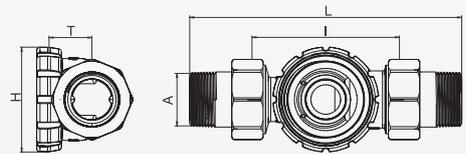
H	297
h	191
h1	176
L	88
T	63

- 1 Pressure reducing cartridge
- 2 Valve body
- 3 Filter element
- 4 Filter cup



Dimensions Nominal size (mm)

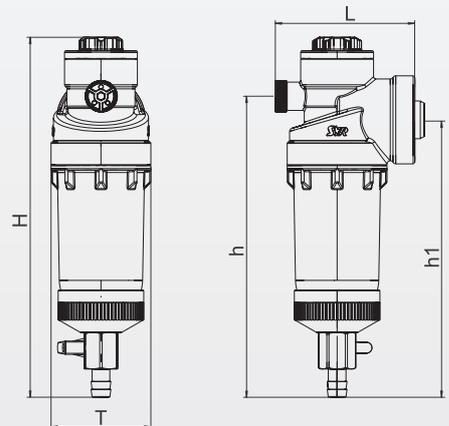
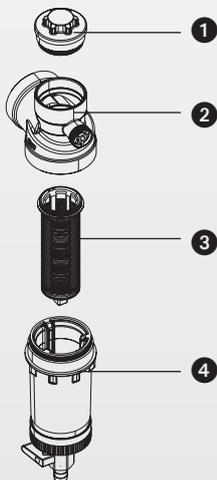
Dimensions (mm)	Nominal size		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
L	160	157	165
I	95	95	95
H	64	64	64
T	23	23	23



Dimensions Nominal size FR (mm)

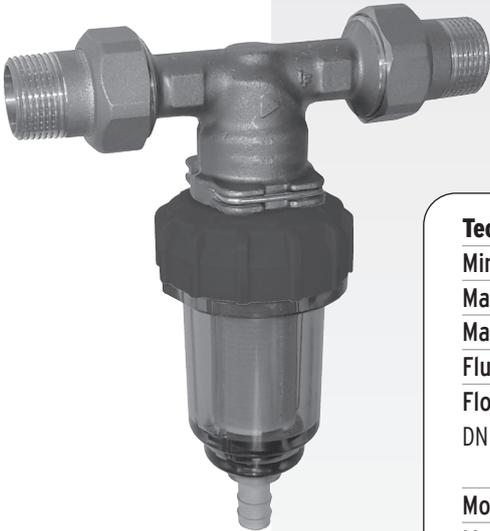
H	230
h	191
h1	176
L	88
T	63

- 1 Plug
- 2 Valve body
- 3 Filter element
- 4 Filter cup



Ratchet filter 5314 Manual Backwash filter

Backwash filter with integrated connection flange.



Technical specifications

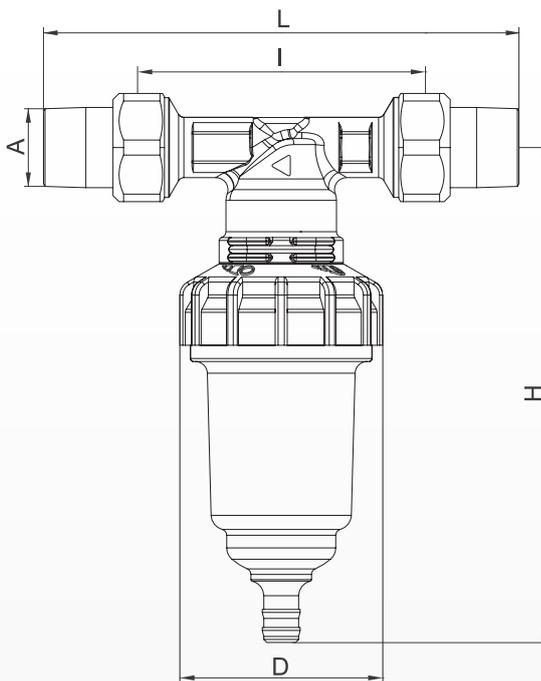
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate FR	
DN 20	1.5 m ³ /h at Δp 0.2 bar 2.44 m ³ /h at Δp 0.5 bar
Mounting position	main axis vertical
Mesh width	40 μ m

	Order-No.	Price (€)	KG
Ratchet filter, DN 20	5314.20.001	72.15	1

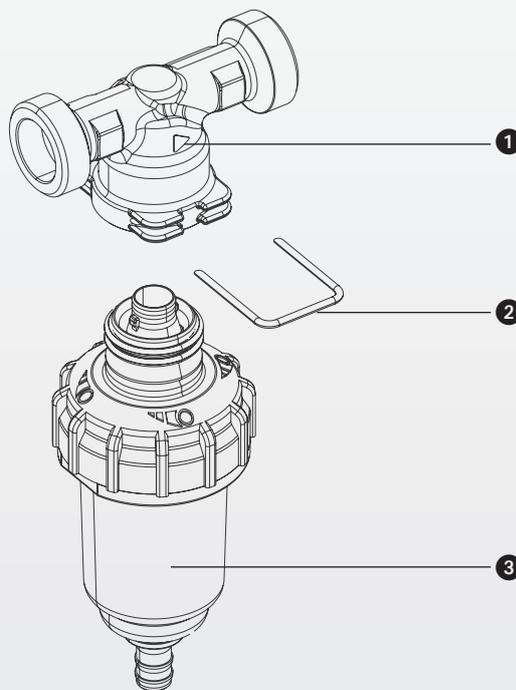
Ratchet filter 5314 Manual Backwash filter

2

Dimensions (mm)	Nominal size DN 20
H	165
L	157
I	95
B	67



- 1 Valve body
- 2 Clamp
- 3 Filter cup





JETFI 1998 Backwash filter

High-quality impeller filter. Flange made of high-quality brass alloy.

Technical specifications

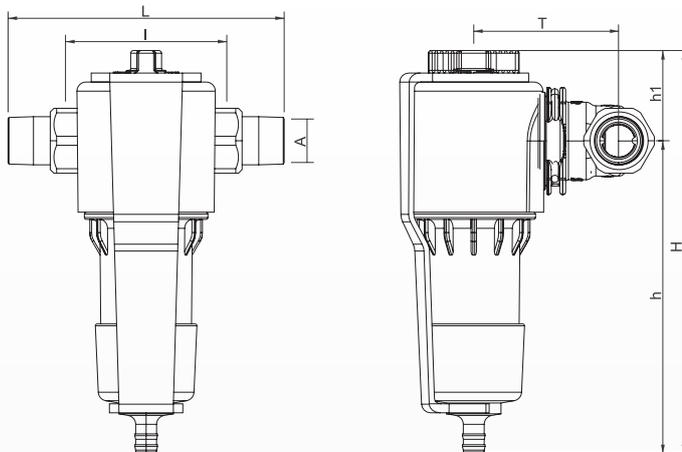
Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate	
DN 20	1.6 m ³ /h at Δp 0.2 bar
DN 20	2.6 m ³ /h at Δp 0.5 bar
Mounting position	main axis vertical tundish facing downwards
Mesh width	40 μm

	Order-No.	Price (€)	KG
JETFI, DN 20	1998.20.200	131.30	1
JETFI, DN 25	1998.25.200	138.20	1

Spare parts	Order-No.	Price (€)	KG
Bracket	1998.00.900	9.60	1
Flange cover	1998.00.903	6.85	1

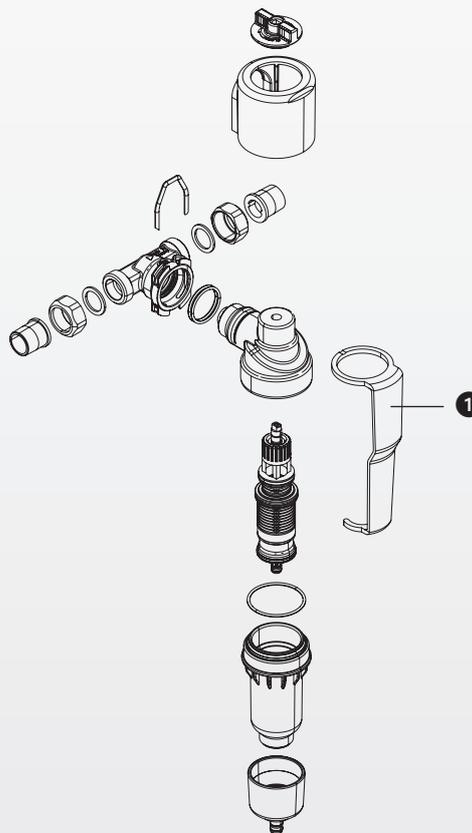
**Dimensions
(mm)**

A	R 3/4"
H	224
h	174
h1	50
T	80
L	152
l	90



2

1 Bracket





Turnable stainless steel flange connection!

Flange Filter 6380 Backwash filter

High-quality backwash filter in accordance with DIN EN 13443-1 and DIN 19628 for flange connection. Meets the requirements specified in DIN 1988. Body made of gunmetal.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate	
DN 65	46 m³/h at Δp 0.2 bar
DN 80	55 m³/h at Δp 0.2 bar
DN 100	58 m³/h at Δp 0.2 bar
DN 65	70 m³/h at Δp 0.5 bar
DN 80	85 m³/h at Δp 0.5 bar
DN 100	92 m³/h at Δp 0.5 bar
Mounting position	
	main axis vertical
	tundish facing downwards
Mesh width	90 μm

The flange filter 6380 can be upgraded with the automatic backwash RSA (page 74) to a fully automatic device!

	Order-No.	Price (€)	KG
Flange Filter DN 65	6380.65.010	2,871.70	1
Flange Filter DN 80	6380.80.010	3,008.45	1
Flange Filter DN 100	6380.100.010	3,350.30	1

Accessories	Order-No.	Price (€)	KG
Pressure gauge			
0 - 10 bar	2000.00.906	21.45	1
0 - 25 bar	2000.00.907	21.45	1
Mini - ball valve	6600.00.904	22.30	1
Differential pressure switch	6380.00.901	712.75	1
RSA 2316	2316.00.200	367.30	1

Spare parts	Order-No.	Price (€)	KG
Filter element, 125 μm	6380.00.910	369.20	1
Filter element, 240 μm	6380.00.911	369.20	1
O-ring filter cup	6380.00.907	10.75	1
Maintenance key	6380.00.912	685.75	1

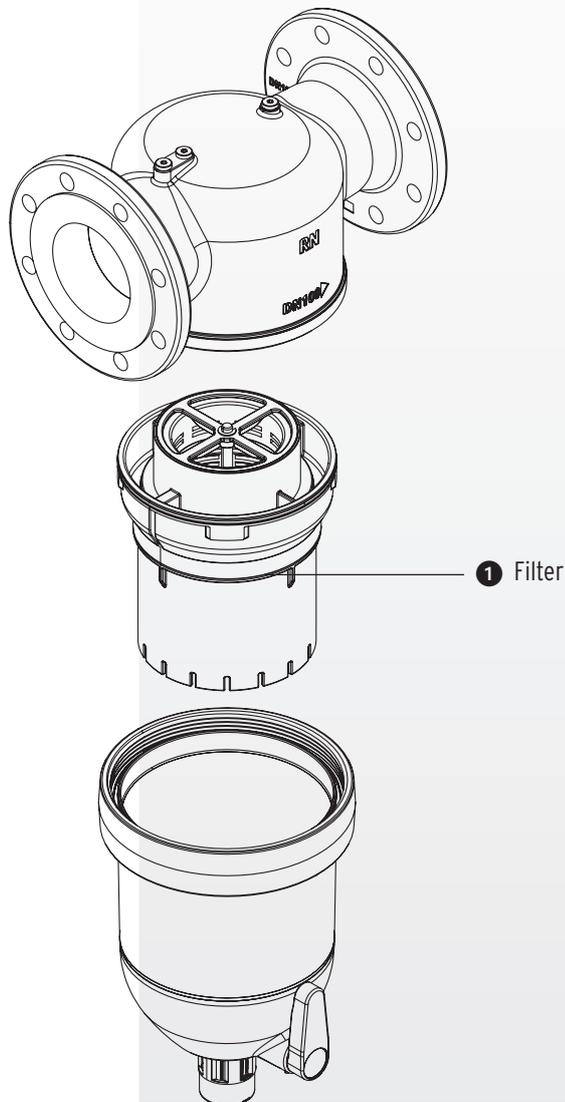
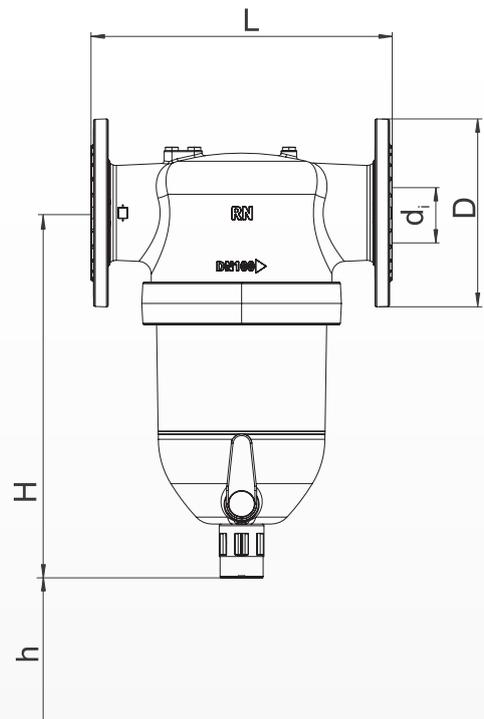


Differential pressure switch
(only in connection with automatic backwash system RSA)

- Rotatable lower part for a flexible positioning of the backwash knob
- Memory function: maintenance indicator as a reminder when backwashing is due
- Can be upgraded with the automatic backwash and a differential pressure switch
- Low weight
- Robust gunmetal casing
- Turnable flange connection

Flange Filter 6380 Backwash filter

Dimensions (mm)	Nominal size		
	DN 65	DN 80	DN 100
L	290	310	350
H	428	428	428
h	Min. 310 mm		
D	185	200	220
d _i	67	80	100
Pitch circle	145	160	180
Bores	8	8	8



2



POU Smart 7315 Backwashable Compact Filter

Backwashable 3-in-1 potable water filter composed of a dirt particle filter, an activated carbon filter and a bacteria filter designed to be used immediately upstream of the draw-off point (e.g. under the kitchen sink). Connecting piece cold water 3/8" male included.

Technical specifications

Operating pressure	max. 10 bar
Connecting size	DN 10
Max. operating temperature	30 °C
Fluid	potable water
Flow rate	400l at Δp 1.0 bar
Capacity	ca. 15.000 litre*

* depends on water composition

POU max 7315	Order-No.	Price (€)	KG
POU Smart with tap	7315.10.010	294.85	2
POU Smart w/o tap	7315.10.011	244.20	2

Spare parts	Order-No.	Price (€)	KG
Cartridge POU Smart	7315.00.914	162.70	2

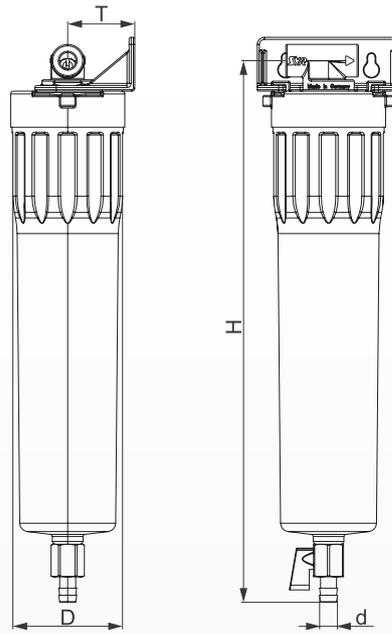
SYR Tips for Pro`s

It is recommended by customer to install a side angle valve water meter to monitor the capacity of the cartridge.

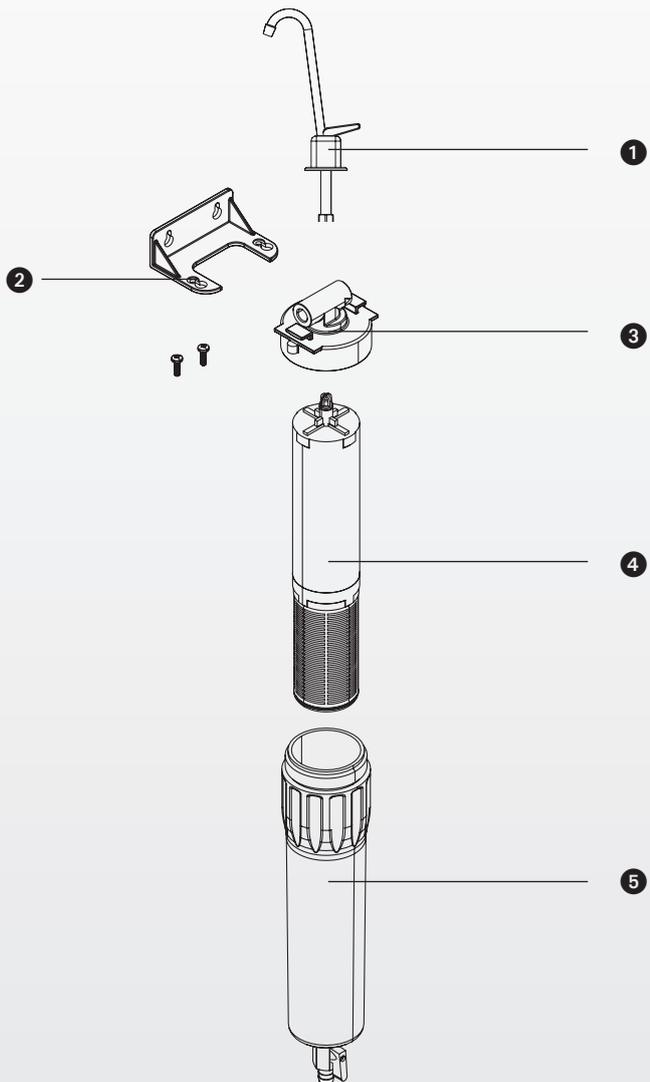
POU Smart 7315 Backwashable Compact Filter

2

Dimensions (mm)	
H	415
T	45
B	100
D	75
d	11



- 1 Tap
- 2 Wall-bracket
- 3 Body
- 4 Cartridge
- 5 Filter cup





Automatic Backwash System RSA 2316

Particularly convenient: the automatic backwash system RSA 2316 turns a semi-automatic backwash filter into a fully automatic device. The diagram below shows SYR's potable water filters, which can be upgraded with the RSA.

The automatic backwash system RSA 2316 is an electronically controlled automatic backwash system for all backwashable Duo, DRUFI+ and DRUFI+ Max as well as all flange filters 6380. Backwash intervals adjustable from 1 hour to 52 weeks. As the device is battery-operated, it requires no power pack, but power pack is recommended.

	Order-No.	Price (€)	KG
RSA 2316	2316.00.200	367.30	1

Accessories	Order-No.	Price (€)	KG
Power pack (6 V)	2316.00.905	67.05	1

The automatic backwash system RSA 2316 fits the following filters:





Pressure regulation

Pressure Reducing Valve 315	76
Pressure Reducing Valve 315 AB	78
Pressure Reducing Valve 315.2	80
Pressure Reducing Valve 312 Compact	82
Gunmetal Flange Pressure Reducing Valve 6247	84
Pressure Reducing Valve 6243	86
Pressure Regulating Valve 6203	88



Pressure Reducing Valve 315

High-quality pressure reducing valve with threaded unions on both sides, a strainer and pressure gauge connections G 1/4" on both sides, with outlet pressure indicator. DVGW approval, acoustic protection class 1. Body made of gunmetal.

Technical specifications

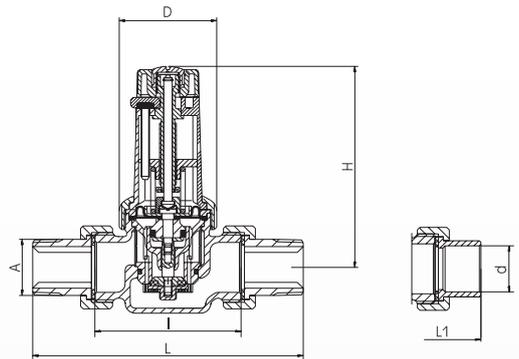
Max. operating pressure	25 bar
Max. operating temperature	30 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar)
Fluid	water, compressed air, neutral non-adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 15	1.3 m³/h at Δp 1.1 bar
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 1.1 bar
DN 32	5.8 m³/h at Δp 1.1 bar
DN 40	9.1 m³/h at Δp 1.1 bar
DN 50	14.0 m³/h at Δp 1.1 bar
ABP-No.	
DN 15 - 25	P-IX 7635/I
DN 32	P-IX 7729/I

Pressure Reducing Valve 315	Order-No.	Price (€)	KG
DN 15	0315.15.000	112.85	1
DN 20	0315.20.000	123.40	1
DN 25	0315.25.000	143.00	1
DN 32	0315.32.000	204.20	1
DN 40	0315.40.000	382.35	1
DN 50	0315.50.000	434.30	1

Accessories	Order-No.	Price (€)	KG
Pressure gauge	0011.08.000	21.55	1
Spare parts			
Pressure reducing cartridge			
DN 15 + 20	0315.20.904	99.15	1
DN 25	0315.25.904	115.35	1
DN 32 - 50	0315.32.902	160.70	1
Unions			
DN 15	0812.15.900	10.75	1
DN 20	0812.20.900	13.15	1
DN 25	0812.25.900	20.15	1
DN 32	0812.32.900	32.80	1
DN 40	0812.40.900	58.50	1
DN 50	0812.50.900	72.45	1
Manometer plug	0828.08.000	1.75	1

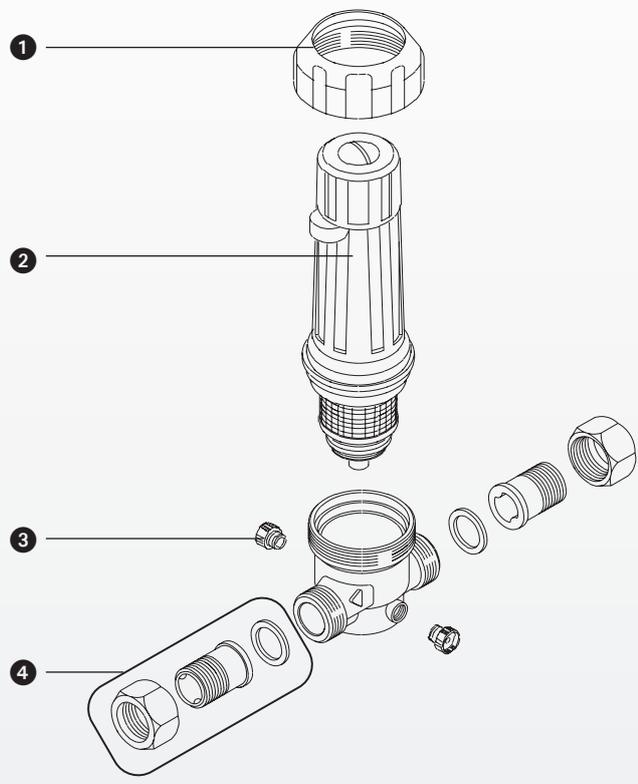
Pressure Reducing Valve 315

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R 1/2	R 3/4	R 1	R 1 1/4	R 1 1/2	R 2
L	131	137	157	191	220	255
L1	106	117	135	170	205	240
I	75	75	87	105	130	140
H	123	123	121	175	175	179
D	SW 55	SW 55	SW 55	SW 75	SW 75	SW 75
d	15	22	28	35	42	54



3

- 1 Union nut
- 2 Pressure reducing cartridge
- 3 Manometer plug
- 4 Union



- Pressure reducing valve with outlet pressure indicator
- Pressure gauge not required
- Cartridge for quick maintenance
- Requires no special tool
- Any mounting position





Pressure Reducing Valve 315 AB

High-quality pressure reducing valve with threaded unions on both sides, a strainer and pressure gauge connections G 1/4" on both sides. With outlet pressure indicator. DVGW approval, acoustic protection class 1. Body made of gunmetal. Dimensions without threaded unions like D06F.

Technical specifications

Max. operating pressure	25 bar
Max. operating temperature	30 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar)
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 15	1.3 m³/h at Δp 1.1 bar
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 1.1 bar
DN 32	5.8 m³/h at Δp 1.1 bar
DN 40	9.1 m³/h at Δp 1.1 bar
DN 50	14.0 m³/h at Δp 1.1 bar
ABP-No.	
DN 15 - 25	P-IX 7635/1
DN 32	P-IX 7729/1

Pressure

Reducing Valve 315 AB	Order-No.	Price (€)	KG
DN 15	0315.15.056	112.85	1
DN 20	0315.20.056	123.40	1
DN 25	0315.25.056	143.00	1
DN 32	0315.32.056	204.20	1
DN 40	0315.40.056	382.35	1
DN 50	0315.50.056	434.30	1

Accessories

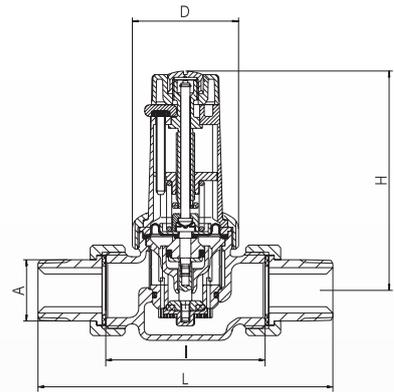
Accessories	Order-No.	Price (€)	KG
Pressure gauge	0011.08.000	21.55	1

Spare parts

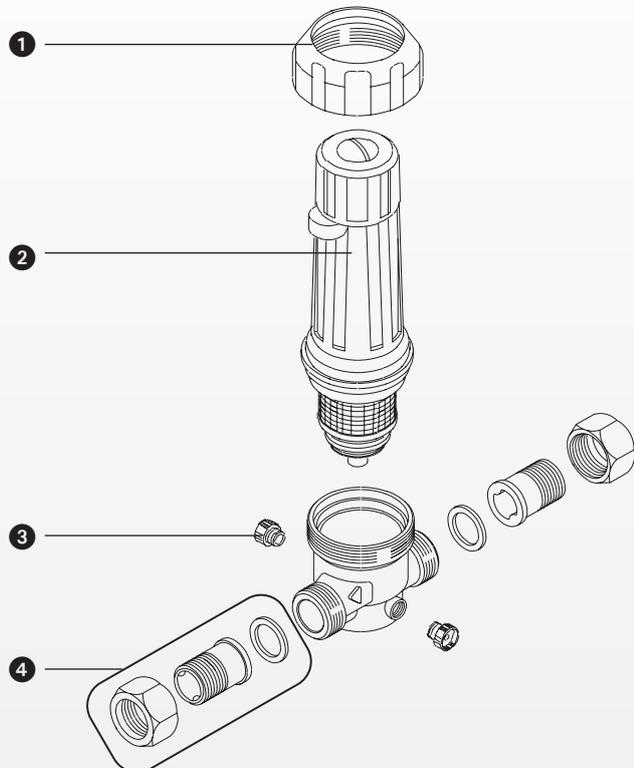
Pressure reducing cartridge	Order-No.	Price (€)	KG
DN 15 + 20	0315.20.904	99.15	1
DN 25	0315.25.904	115.35	1
DN 32 - 50	0315.32.902	160.70	1
Unions			
DN 15	0812.15.900	10.75	1
DN 20	0812.20.900	13.15	1
DN 25	0812.25.900	20.15	1
DN 32	0812.32.900	32.80	1
DN 40	0812.40.900	58.50	1
DN 50	0812.50.900	72.45	1
Manometer plug	0828.08.000	1.75	1

Pressure Reducing Valve 315 AB

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R 1/2	R 3/4	R 1	R 1 1/4	R 1 1/2	R 2
L	140	160	175	190	220	255
I	80	90	100	105	130	140
H	123	123	121	175	175	179
D	SW 55	SW 55	SW 55	SW 75	SW 75	SW 75



- 1 Union nut
- 2 Pressure reducing cartridge
- 3 Manometer plug
- 4 Union



- Pressure reducing valve with outlet pressure indicator
- Pressure gauge not required
- Cartridge for quick maintenance
- Requires no special tool
- Any mounting position



Pressure Reducing Valve 315.2

High-class pressure reducer with union connections on both sides, a strainer and connection for pressure gauge G 1/4" on both sides. With downstream pressure indicator. The type 315.2 meets the highest European acoustic protection requirements. Body made of first class, corrosion resistant brass alloy (DZR).

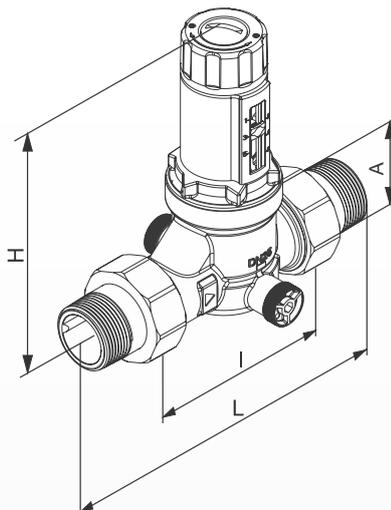
Technical specifications

Max. operating pressure	25 bar
Max. operating temperature	60 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar) 5 - 10 bar on special request
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 15	1.3 m³/h at Δp 1.1 bar
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 1.1 bar
DN 32	5.8 m³/h at Δp 1.1 bar
DN 40	9.1 m³/h at Δp 1.1 bar
DN 50	14.0 m³/h at Δp 1.1 bar

Pressure reducing valve 315.2		Order-No.	Price (€)	KG
DN 15	union	0315.15.222	80.50	1
DN 20	union	0315.20.222	88.05	1
DN 25	union	0315.25.222	101.55	1
DN 32	union	0315.32.222	145.40	1
DN 40	union	0315.40.222	261.40	1
DN 50	union	0315.50.222	290.70	1
DN 15	without union	0315.15.235	75.75	1
DN 20	without union	0315.20.235	79.45	1
DN 25	without union	0315.25.235	95.50	1
DN 32	without union	0315.32.235	136.75	1
DN 40	without union	0315.40.235	245.75	1
DN 50	without union	0315.50.235	273.20	1

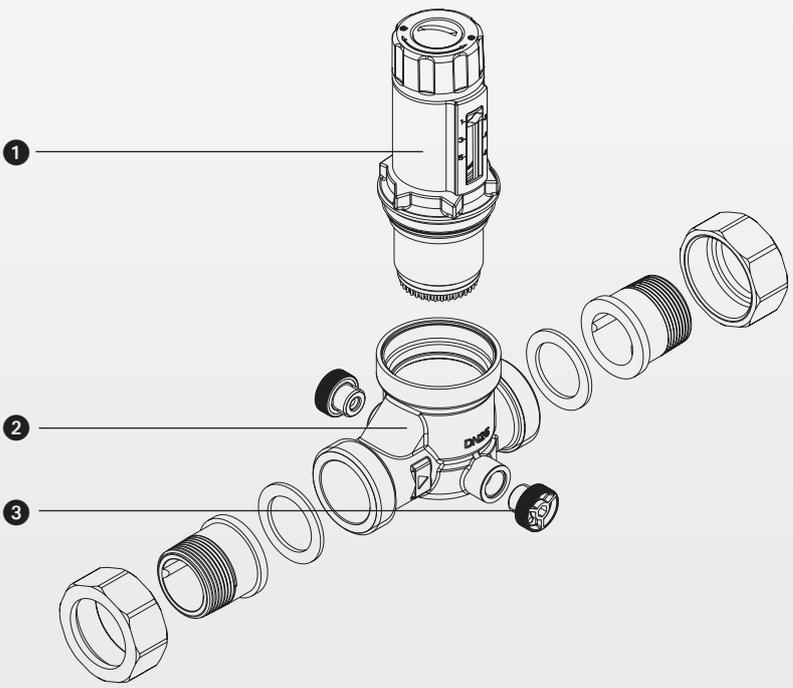
Spare parts	Order-No.	Price (€)	KG
Pressure reducing cartridge			
DN 15 + 20	0315.15.924	59.75	1
DN 25	0315.25.924	83.20	1
DN 32 - 50	0315.32.924	130.15	1
Pressure gauge 11	0011.08.000	21.55	1

Pressure Reducing Valve 315.2



Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R 1/2	R 3/4	R 1	R 1 1/4	R 1 1/2	R 2
L	125	134	175	190	220	255
I	69	72	100	105	130	140
H	107	107	132	194	194	187

- 1 Pressure reducing cartridge
- 2 Body
- 3 Manometer plug





312 compact



312 compact, type C

Pressure Reducing Valve 312 Compact

High-class pressure reducer with strainer and connection for pressure gauge G 1/4" on both sides. The type 312 compact meets the highest European acoustic protection requirements. Body made of first class, corrosion resistant brass alloy (DZR).

Technical specifications

Max. operating pressure	16 bar
Max. operating temperature	70 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar)
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 10	1.3 m³/h at Δp 1.1 bar
DN 15	2.3 m³/h at Δp 1.1 bar

Pressure Reducing Valve

312 Compact	Order-No.	Price (€)	KG
DN 15 female	0312.15.250	42.25	1
DN 20 female	0312.20.250	45.15	1
DN 25 female	0312.25.066	97.60	1

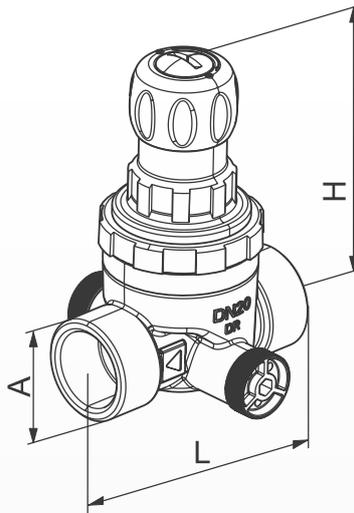
312 Compact, type C

312 Compact, type C	Order-No.	Price (€)	KG
15 mm compr. fitting	0312.15.251	45.15	1
22 mm compr. fitting	0312.20.251	48.05	1

Spare parts

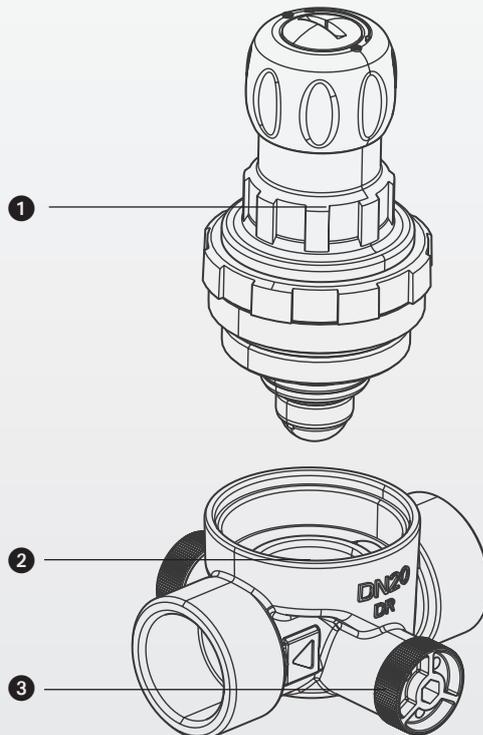
Spare parts	Order-No.	Price (€)	KG
Pressure reducing cartridge			
DN 15 + 20	0312.15.955	25.05	1
Pressure gauge	0011.08.000	21.55	1

Pressure Reducing Valve 312 compact



Dimensions (mm)	Nominal size			
	DN 15	DN 20	Comp. fitting	Comp. fitting
A	Rp 1/2"	Rp 3/4"	15 mm	22 mm
L	72	76	62	65
H	92	92	92	92

- ① Pressure reducing cartridge
- ② Body
- ③ Manometer plug





**Turnable stainless steel
flange connection!**

Flange Pressure Reducing Valve 6247

High-quality pressure reducing valve for flange connection according to EN 1567, with strainer, pressure gauge connection to display the outlet pressure. Outlet pressure adjustment range 1.5 - 6 bar. Factory set to 4 bar. Body made of gunmetal.

Technical specifications

Max. operating pressure	16 bar
Max. operating temperature	30 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar) 5 - 10 bar on request (factory setting: 7 bar)
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 65	24 m ³ /h at Δp 1.1 bar
DN 80	36 m ³ /h at Δp 1.1 bar
DN 100	56 m ³ /h at Δp 1.1 bar

Flange-type

Pressure Reducing Valve	Order-No.	Price (€)	KG
DN 65 (1.5 - 6 bar)	6247.65.000	1,740.75	1
DN 80 (1.5 - 6 bar)	6247.80.000	2,330.35	1
DN 100 (1.5 - 6 bar)	6247.100.000	3,352.55	1

Pressure Reducing Valve	Order-No.	Price (€)	KG
DN 65 (5 - 10 bar)	6247.65.006	1,786.80	1
DN 80 (5 - 10 bar)	6247.80.006	2,376.40	1
DN 100 (5 - 10 bar)	6247.100.006	3,398.55	1

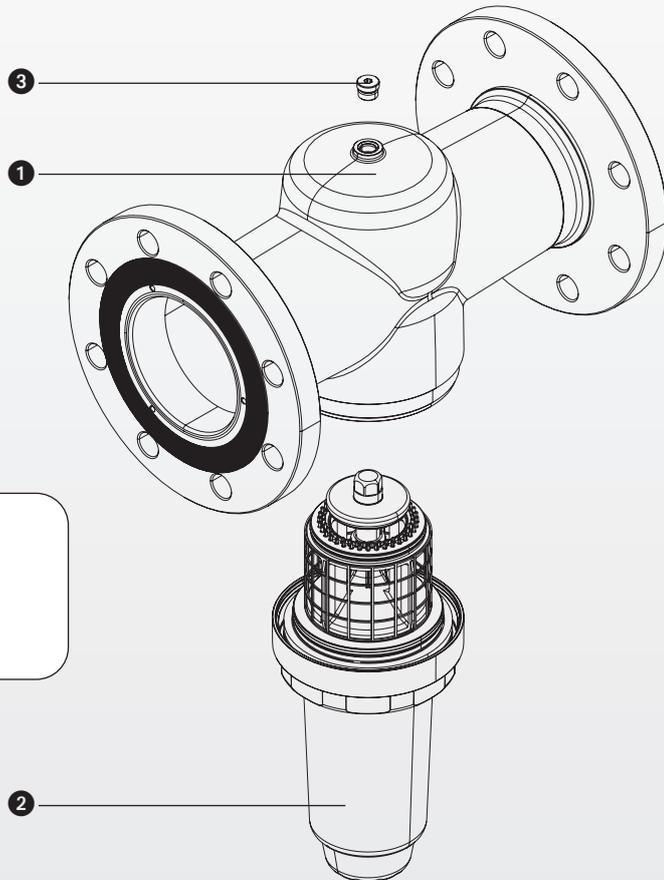
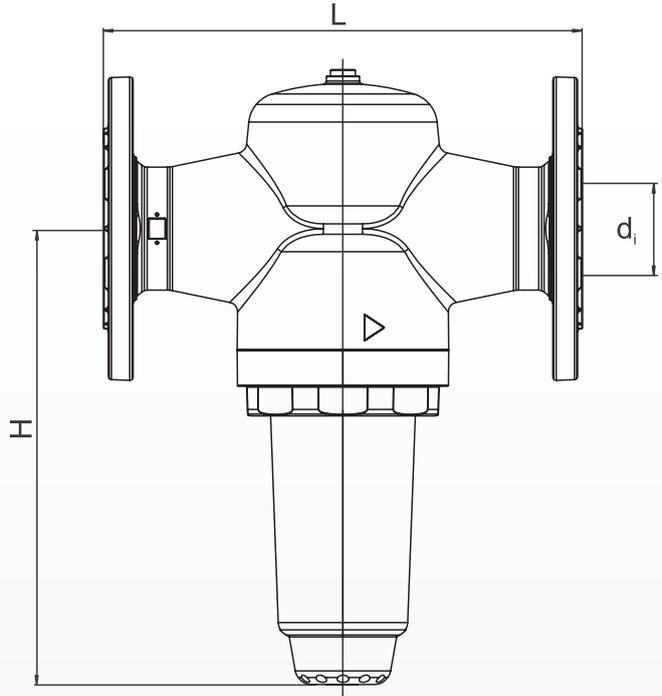
Accessories	Order-No.	Price (€)	KG
Mini-ball valve	6600.00.912	22.30	1

Spare parts

Pressure reducing cartridge			
DN 65 - 100	6247.50.903	336.10	1
Pressure gauge			
0 - 10 bar	2000.00.906	21.45	1

Flange Pressure Reducing Valve 6247

Dimensions (mm)	Nominal size		
	DN 65	DN 80	DN 100
L	290	310	350
H	278	278	278
Pitch circle	145	160	180
Bores	8	8	8



- 1 Body
- 2 Pressure reducing cartridge
- 3 Plug

3



Pressure Reducing Valve 6243

High-quality pressure reducing valve with threaded unions on both sides, a strainer and pressure gauge connections G 1/4" on both sides. Outlet pressure adjustment range 1.5 - 5 bar (type 6243.1) or 5 - 8 bar (type 6243.2). Body made of gunmetal.

Technical specifications

Max. operating pressure	25 bar
Max. operating temperature	90 °C
Outlet pressure	
Typ 6243.1	1.5 - 5 bar
Typ 6243.2	5 - 8 bar
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
DN 25	3.6 m ³ /h at Δp 1.1 bar
DN 32	5.8 m ³ /h at Δp 1.1 bar
DN 40	9.1 m ³ /h at Δp 1.1 bar
DN 50	14.0 m ³ /h at Δp 1.1 bar

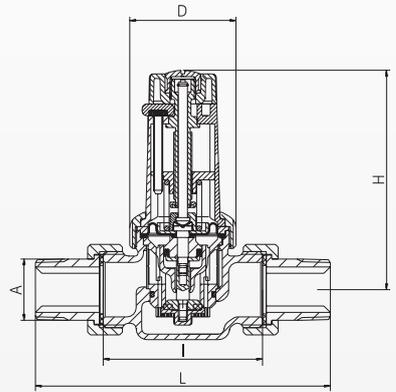
Pressure Reducing Valve 6243		Order-No.	Price (€)	KG
DN 15	Type 6243.1	6243.15.004	230.25	1
	Type 6243.2	6243.15.006	230.25	1
DN 20	Type 6243.1	6243.20.003	259.55	1
	Type 6243.2	6243.20.005	259.55	1
DN 25	Type 6243.1	6243.25.000	307.30	1
	Type 6243.2	6243.25.002	307.30	1
DN 32	Type 6243.1	6243.32.002	451.75	1
	Type 6243.2	6243.32.001	451.75	1
DN 40	Type 6243.1	6243.40.000	832.10	1
	Type 6243.2	6243.40.001	832.10	1
DN 50	Type 6243.1	6243.50.000	890.75	1
	Type 6243.2	6243.50.001	890.75	1

Pressure Reducing Valve 6243

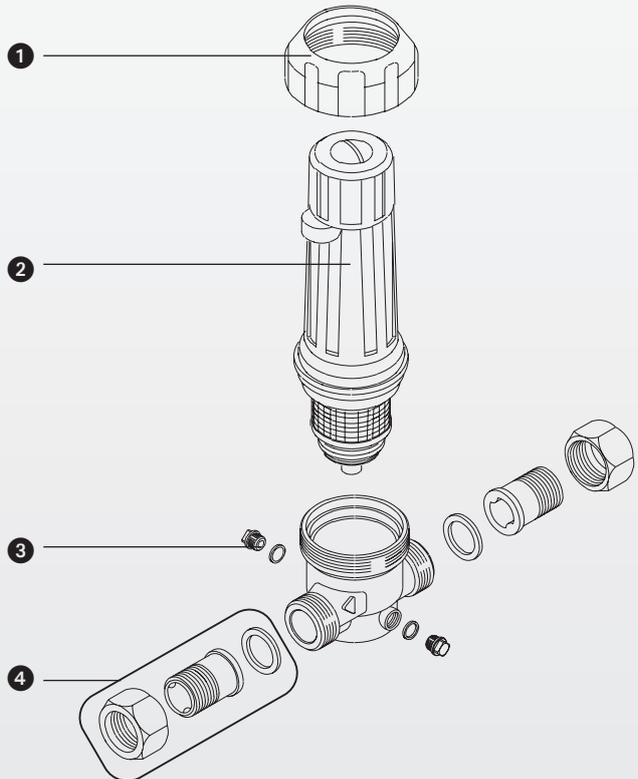
3

Spare parts	Order-No.	Price (€)	KG
Pressure reducing cartridge 1.5 - 5 bar			
DN 15 + 20	6243.15.902	200.20	1
DN 25	6243.25.907	235.50	1
DN 32 - 50	6243.32.907	331.35	1
Pressure reducing cartridge 5 - 8 bar			
DN 15 + 20	6243.15.903	200.20	1
DN 25	6243.25.908	235.50	1
DN 32 - 50	6243.32.908	331.35	1
Unions			
DN 15	0812.15.900	10.75	1
DN 20	0812.20.900	13.15	1
DN 25	0812.25.900	20.15	1
DN 32	0812.32.900	32.80	1
DN 40	0812.40.900	58.50	1
DN 50	0812.50.900	72.45	1

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R ½	R ¾	R 1	R 1 ¼	R 1 ½	R 2
L	131	137	157	191	220	255
I	75	75	87	105	130	140
H	123	123	121	175	175	179
D	SW 55	SW 55	SW 55	SW 75	SW 75	SW 75



- 1 Union nut
- 2 Pressure reducing cartridge
- 3 Manometer plug
- 4 Union



Pressure Regulating Valve 6203

Pressure regulating valve with threaded unions on both sides and a strainer. With inlet pressure indicator. Outlet pressure adjustment range 1.5 - 5 bar (type 6203.1) or 5 - 8 bar (type 6203.2). Body made of gunmetal.

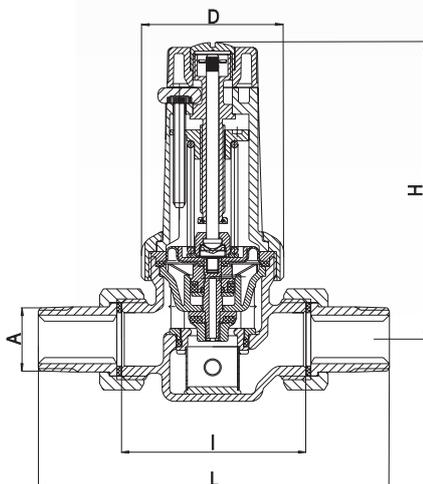


Technical specifications

Max. operating pressure	25 bar
Max. operating temperature	110 °C
Outlet pressure	
Typ 6203.1	1.5 - 5 bar
Typ 6203.2	5 - 8 bar
Fluid	water, compressed air, neutral non adhesive fluids, neutral gases
Mounting position	any

		Order-No.	Price (€)	KG
DN 15	Typ 6203.1	6203.15.003	609.30	1
	Typ 6203.2	6203.15.005	609.30	1
DN 20	Typ 6203.1	6203.20.007	638.90	1
	Typ 6203.2	6203.20.008	638.90	1
DN 25	Typ 6203.1	6203.25.010	751.50	1
	Typ 6203.2	6203.25.011	751.50	1
DN 32	Typ 6203.1	6203.32.000	1,102.80	1
	Typ 6203.2	6203.32.001	1,102.80	1

Spare parts	Order-No.	Price (€)	KG
Pressure regulating cartridge 1.5 - 5 bar			
DN 15 + 20	6203.15.903	204.40	1
DN 25	6203.25.903	232.35	1
DN 32 - 50	6203.32.903	245.95	1
Pressure regulating cartridge 5 - 8 bar			
DN 15 + 20	6203.15.904	204.40	1
DN 25	6203.25.904	232.35	1
DN 32 - 50	6203.32.904	245.95	1



Dimensions (mm)	Nominal size			
	DN 15	DN 20	DN 25	DN 32
A	R 1/2	R 3/4	R 1	R 1 1/4
L	131	137	157	191
I	75	75	87	105
H	123	123	121	175
D	SW 55	SW 55	SW 55	SW 75



Safety devices

4

Safety Disconnection Unit STS 5	90
Backflow Preventer BA 6610 In-line LF	92
Flange Backflow Preventer BA 6600	94
Backflow Preventer BA Mini 6625	96
Backflow Preventer BA 6600 ST	98
Backflow Preventer STBA 100	100
Backflow Preventer CA 6800	102
Vacuum Breaker 65	104

Offers protection up to and including fluid category 5

AB



DVGW

CERT

Anschlussicher
W 540

Examples of use:

- Cattle troughs
- Car wash facilities
- Laundry facilities
- Laboratories
- Pathology
- Funeral homes with hydroaspirators

Safety Disconnection Unit STS 5

Wherever the legislation requires the separation of potable water and process water, SYR's Safety Disconnection Unit STS 5 is the reliable and easy-to-install solution (up to and including fluid category 5). A compact unit for a wide variety of applications: agriculture, food industry, medicine and pathology).

The unit is composed of a storage tank with a potable water connection. The main element of the STS 5 is the integrated pressure booster that conveys potable water from the tank to the point of use. It starts running depending on the pressure and stops again depending on the volumetric flow rate. A feed tank ensures the supply of potable water so that the separation of the different systems is guaranteed anytime. Wall bracket and potable water filter included.

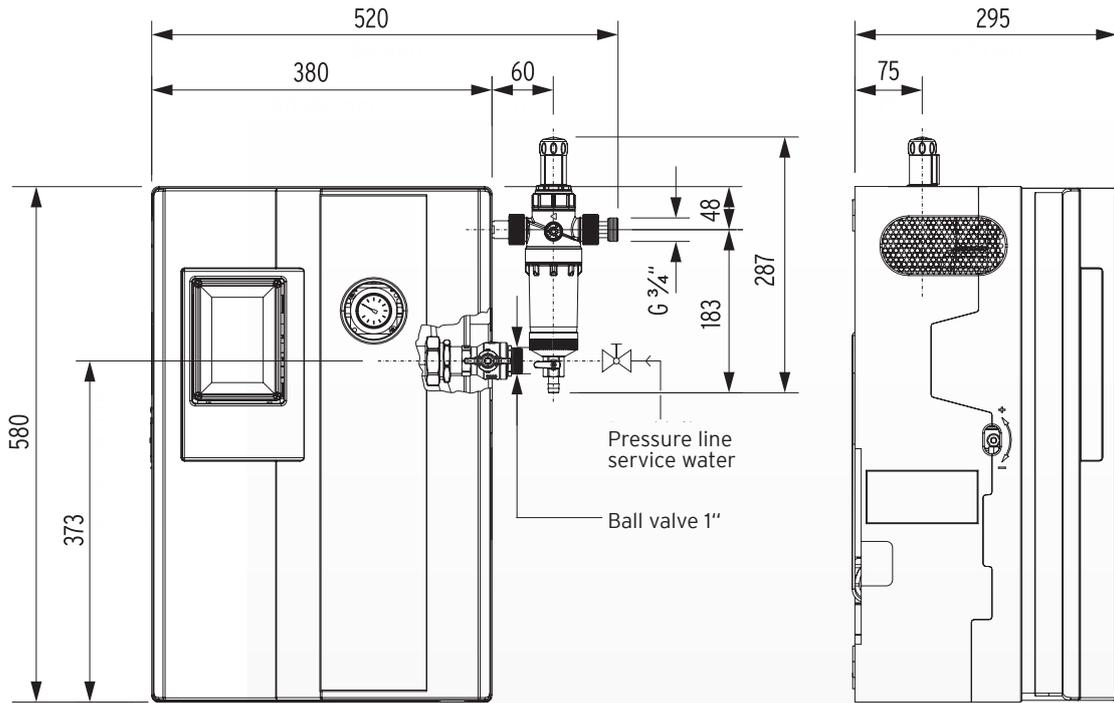
Technical specifications

Max. operating pressure	10 bar
Operating temperature	min. 5 °C; max. 35 °C
Ambient temperature	min. 15 °C; max. 35 °C
Max. volumetric flow rate	2.8 m ³ /h
Supply voltage	230 V / 50 Hz
Type of protection	IP 42
Potable water connection	¾" AG
Pressure connection, pressure port	1" AG
Acoustic pressure level	69 db at 1 m

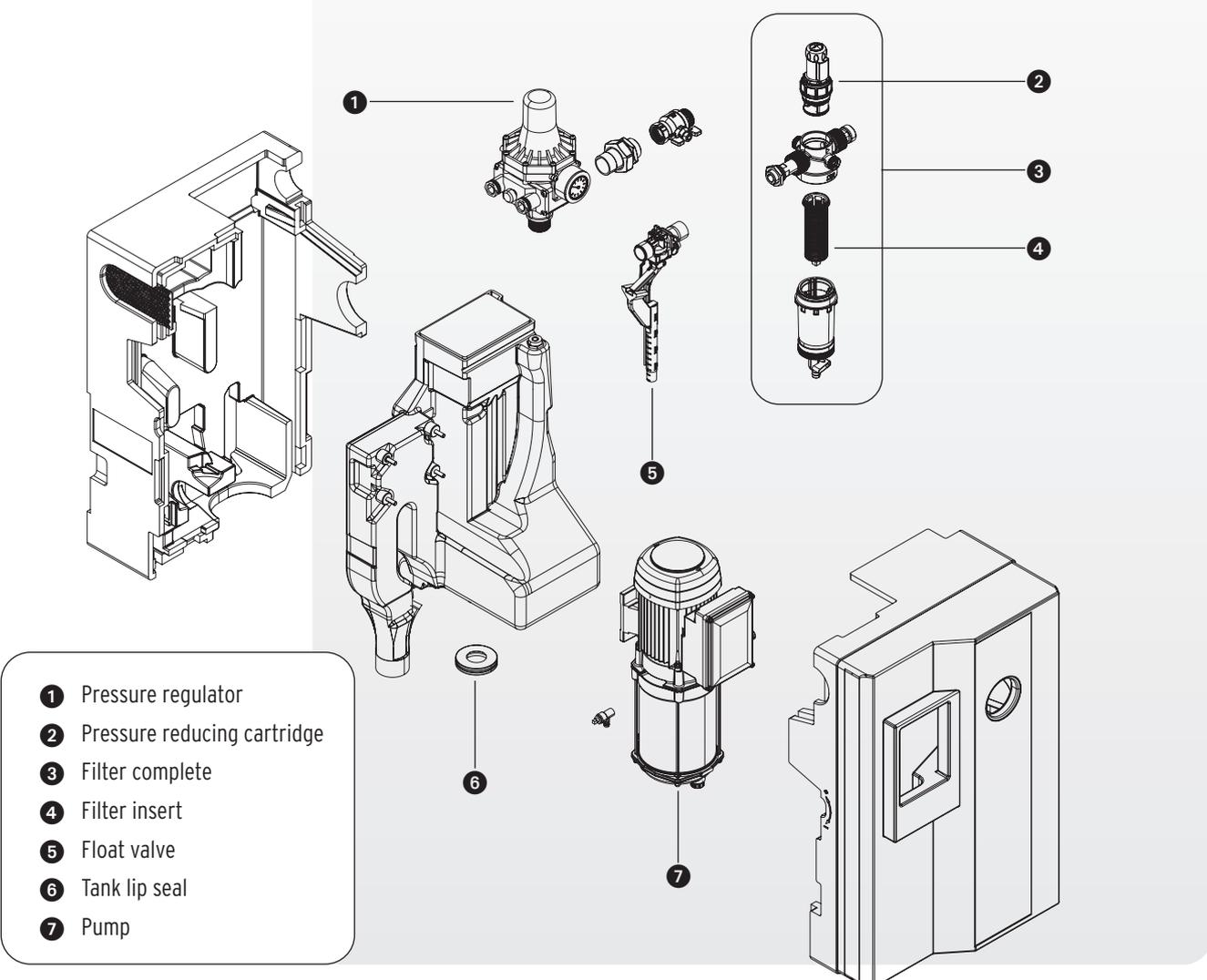
	Order-No.	Price (€)	KG
Safety Disconnection Unit STS 5	6500.00.002	1,890.80	2

Spare parts	Order-No.	Price (€)	KG
Pump	6500.00.901	1,028.85	2
Pressure regulator up to 2022	6500.00.903	334.30	2
Pressure regulator from 2023	6500.00.908	334.30	2
Float valve ¾"	6500.00.904	135.00	2
Condenser	6500.00.905	32.75	2
Tank lip seal	6500.00.906	5.30	2
DFR filter	5315.15.004	110.85	1
Filter insert	5315.00.903	25.65	1
Pressure reducing cartridge	5315.00.900	39.70	1
Assembly key	5315.00.902	20.15	1

Safety Disconnection Unit STS 5



Dimensions [mm]



- 1 Pressure regulator
- 2 Pressure reducing cartridge
- 3 Filter complete
- 4 Filter insert
- 5 Float valve
- 6 Tank lip seal
- 7 Pump



Backflow Preventer BA 6610 In-line LF

For the protection of potable water against non potable water according to EN 1717 up to and including fluid category 4. Body made of lead-free metal. Three-zone system composed of a controllable upstream, intermediate and downstream pressure zone.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	65 °C
Fluid	potable water
Flow rate	
DN 15	2.9 m ³ /h at Δp 1.5 bar
DN 20	5.1 m ³ /h at Δp 1.5 bar
DN 25	7.9 m ³ /h at Δp 1.5 bar
DN 32	13.0 m ³ /h at Δp 1.5 bar
DN 40	20.3 m ³ /h at Δp 1.5 bar
DN 50	31.8 m ³ /h at Δp 1.5 bar

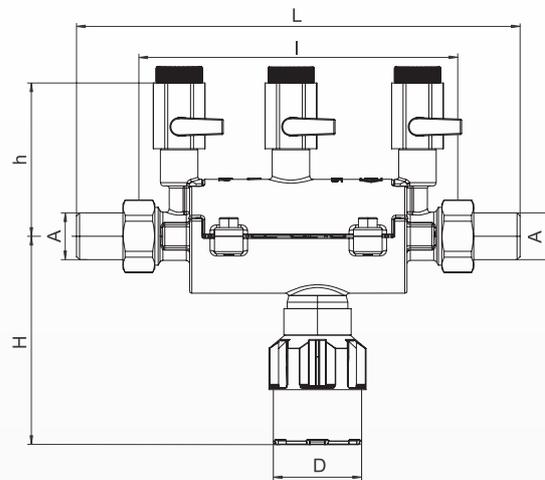
BA 6610 In-line LF	Order-No.	Price (€)	KG
DN 15	6610.15.000	341.00	1
DN 20	6610.20.000	377.90	1
DN 25	6610.25.000	408.45	1
DN 32	6610.32.000	592.05	1
DN 40	6610.40.000	722.85	1
DN 50	6610.50.000	798.45	1

Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1
Differential pressure measuring set, digital (on loan for 2 weeks)	6600.00.911	183.80	1

Spare parts	Order-No.	Price (€)	KG
Cartridge			
DN 15	6610.00.900	190.50	1
DN 20 - 25	6610.00.901	289.65	1
DN 32 - 50	6610.00.902	355.20	1
Mini-ball valve	6600.00.912	22.30	1
Manometer plug	0828.08.000	1.75	1

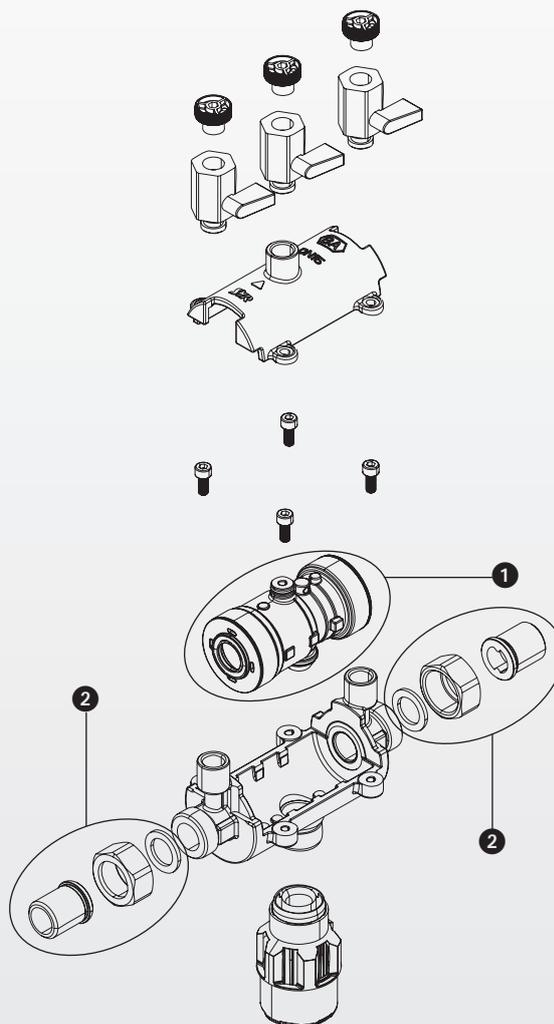
Backflow Preventer BA In-line LF

	Dimensions (mm)			Nominal size (DN)		
	15	20	25	32	40	50
A	R 1/2"	R 3/4"	R 1"	1 1/4"	1 1/2"	2"
L	201	240	248	350	354	375
I	145	178	178	260	260	260
H	95	95	95	115.4	115.4	115.4
h	70	79	79	96	96	96
D	40	40	40	40	40	40



4

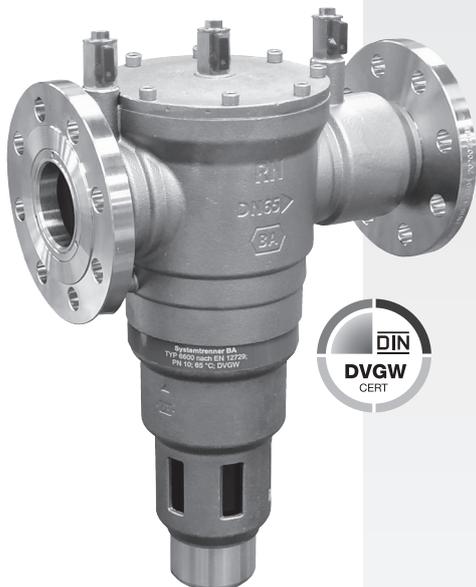
- 1 Cartridge
- 2 Connection fitting



Flange Backflow Preventer BA 6600

Large-scale installations, best possible protection: SYR's Flange BA Backflow Preventer prevents the backflow of fluids into the potable water system, thus protecting the potable water quality up to fluid category 4 according to EN 1717.

This BA-type is designed with the easy-to-service cartridge technology and a turnable stainless-steel flange connection.



Turnable stainless steel flange connection!

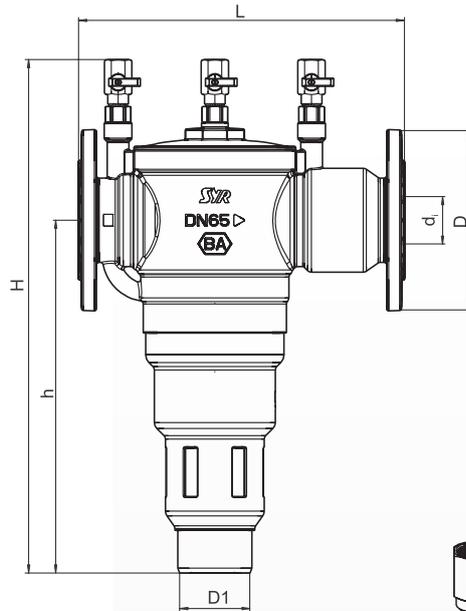
Technical specifications

Fluid	potable water
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	65 °C
Mounting position	vertical, tundish facing downwards
Flow rate	
DN 65	85 m ³ /h at Δp 1.5 bar
DN 80	110 m ³ /h at Δp 1.5 bar
DN 100	125 m ³ /h at Δp 1.5 bar

Flange Backflow Preventer BA	Order-No.	Price (€)	KG
DN 65	6600.65.000	3,545.90	1
DN 80	6600.80.000	3,923.55	1
DN 100	6600.100.000	4,543.00	1

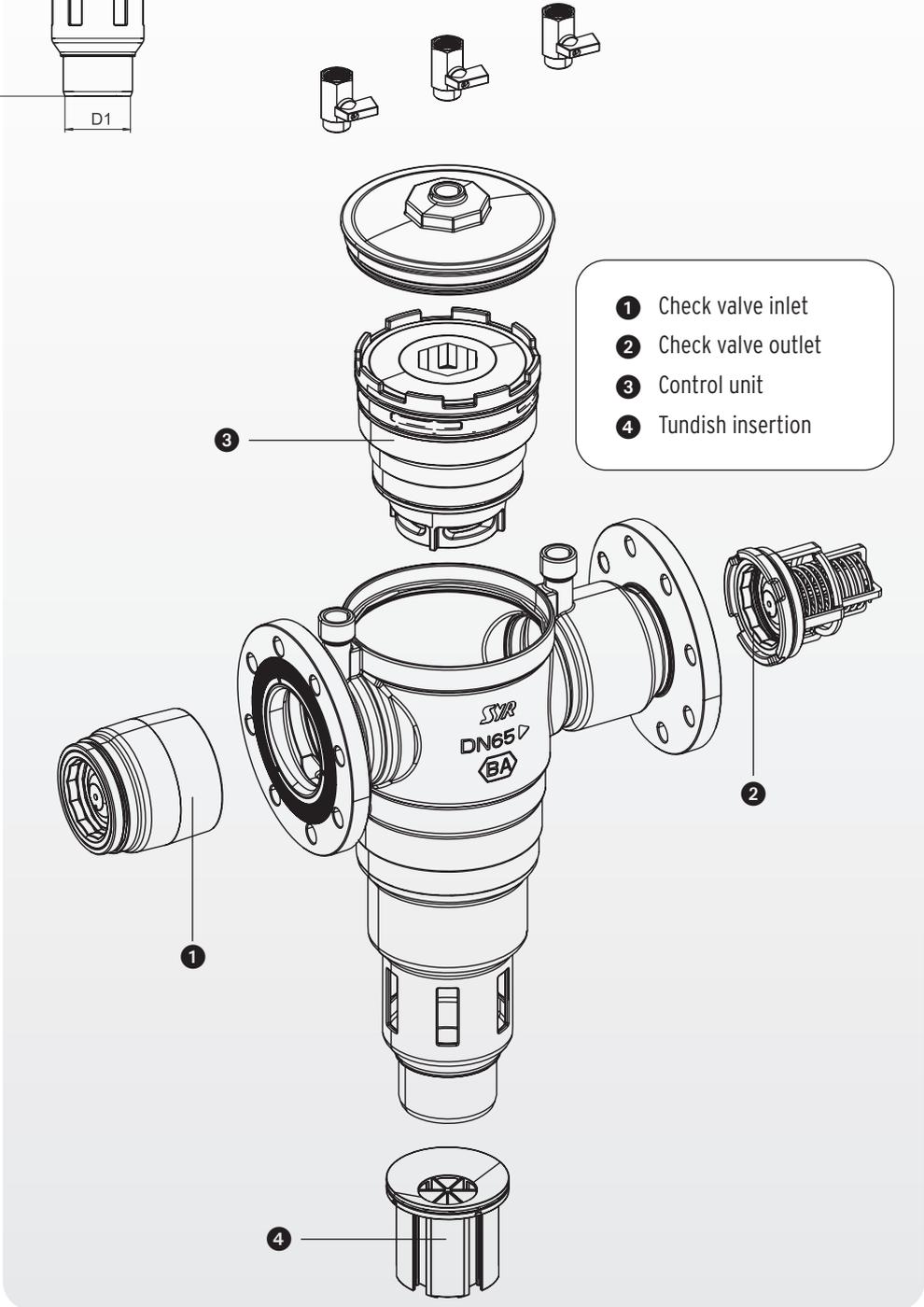
Spare parts		Order-No.	Price (€)	KG
Check valve inlet	DN 65	6600.65.900	473.40	1
	DN 80	6600.80.900	501.10	1
	DN 100	6600.100.900	531.40	1
Check valve outlet	DN 65	6600.65.901	473.40	1
	DN 80	6600.80.901	501.10	1
	DN 100	6600.100.901	531.40	1

Flange Backflow preventer BA 6600



Dimensions (mm)		Nominal Size (DN)		
DN	65	80	100	
L	330	350	350	
H	496.5	513.5	537.5	
h	365	370	382.5	
d ₁	65	80	100	
D	185	200	220	
D1	75	75	75	

4



- 1 Check valve inlet
- 2 Check valve outlet
- 3 Control unit
- 4 Tundish insertion



Backflow Preventer BA Mini 6625

For the protection of drinking water against non-potable water according to EN 1717 up to and including fluid category 4. Plastic housing, nipples and spouts made of lead-free brass. With two maintenance shut-offs.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	65 °C
Fluid	potable water
Mounting position	any, tundish facing downwards
Flow rate	1.27 m ³ /h at Δp 1.5 bar

Backflow Preventer BA Mini	Order-No.	Price (€)	KG
DN 15	6625.15.018	241.20	1
DN 20	6625.15.019	261.50	1

- Plastic body, nipples and nozzles made of lead-free brass
- Up to and including liquid category 4
- Two shut-off valves
- Adapter with collet connection, the integrated STBA cartridge can be rotated by 360°
- Suitable for vertical installation

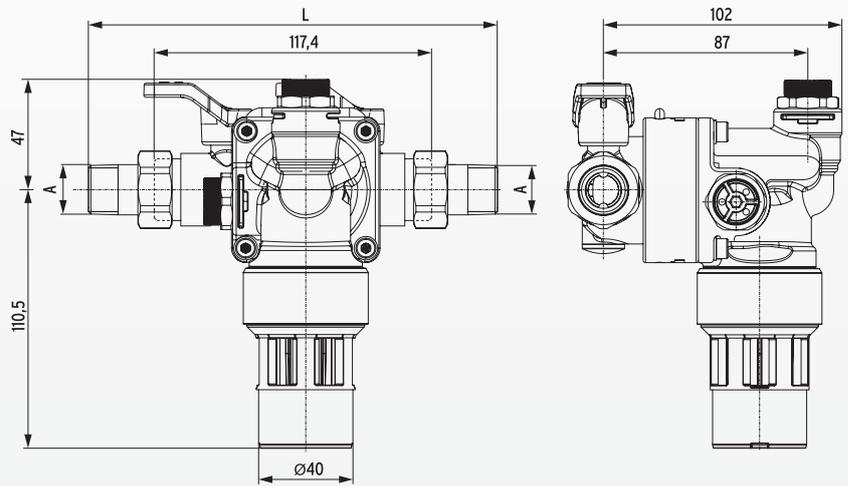
Backflow Preventer BA Mini 6625

Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1

Spare parts	Order-No.	Price (€)	KG
Exchange backflow preventer	6625.15.900	145.40	1
Ball valves DN 6 (3 pcs.)	6625.15.902	15.55	1
Backflow preventer complete with adaptor and O-rings	6625.15.903	130.80	1
Unions			
DN 15 (R 1/2")	0812.15.900	10.75	1
DN 20 (R 3/4")	0816.20.900	27.20	1

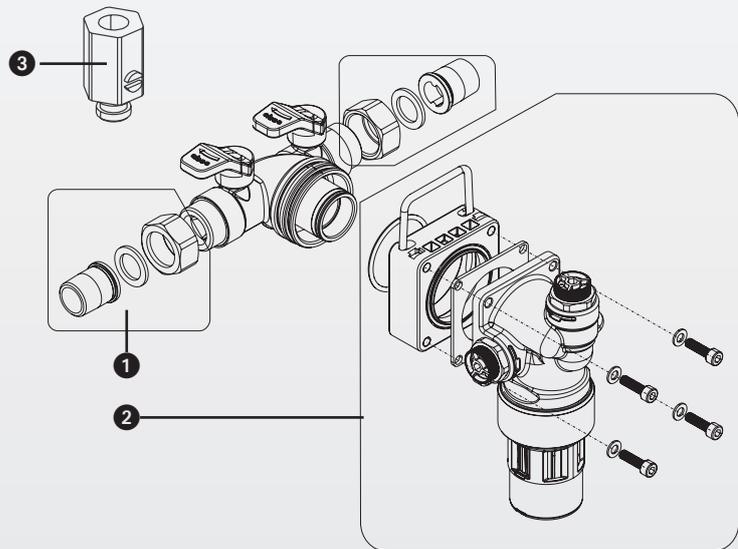
4

Dimensions (mm)	Nominal Size (DN)	
	DN 10	DN 10
A	R 1/2"	R 3/4"
L	173.4	191.4



Maße / Dimensions [mm]

- 1 Unions
- 2 Backflow preventer complete
- 3 Test valves for maintenance





- Can be used indoors and outdoors
- Up to and including fluid category 4
- For non stationary systems e.g. at trade shows, funfairs, construction sites, emergency care etc.
- Quick and easy installation
- Sealing for the protection against manipulation
- Nickel-plated body

Backflow Preventer BA 6600 ST

Backflow preventer for the protection of potable water against non potable water according to EN 1717 up to and including fluid category 4. For non stationary systems e.g. at trade shows, funfairs, construction sites, emergency care as well as for the protection of standpipes for temporary water draw-off. Body made of brass.

You will also find this backflow preventer in chapter 7 „Heating valves“ on page 156.

Technical specifications

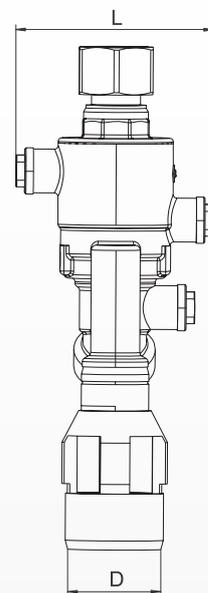
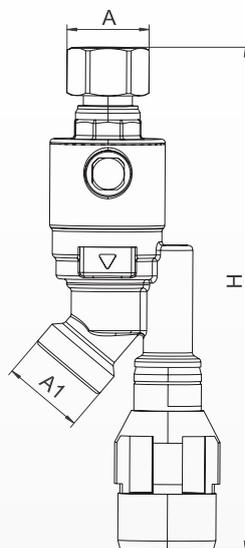
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet), 65 °C (outlet)
Ambient temperature	5 °C - 40 °C
Fluid	potable water
Mounting position	vertical, tundish facing downwards
Flow rate	1.8 m ³ /h at Δp 1.5 bar

Backflow Preventer BA 6600 ST	Order-No.	Price (€)	KG
DN 15 (G ¾")	6600.15.015	234.80	1
DN 15 (G 1")	6600.15.016	250.60	1

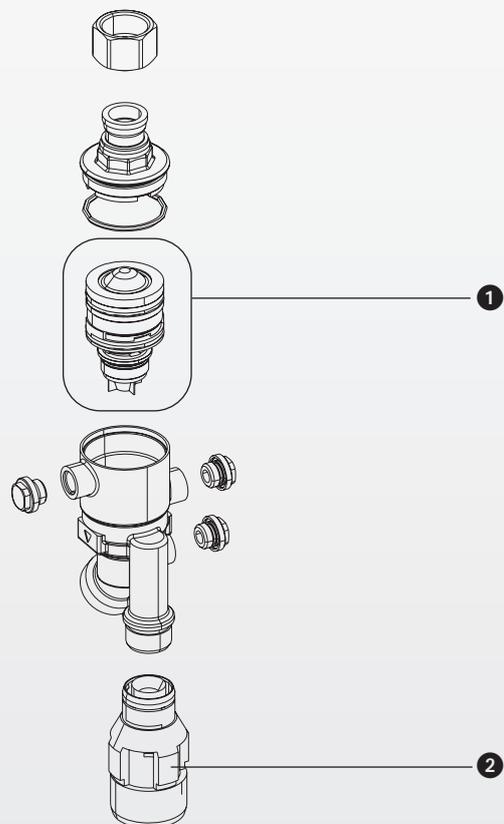
Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1
Differential pressure measuring set, digital (on loan for 2 weeks)	6600.00.911	183.80	1
Differential pressure measuring set, analogous	6600.00.913	2,742.15	1
Spare parts			
Backflow preventer cartridge	6600.00.917	124.50	1
Tundish	6600.00.903	9.50	1
Locking clamp			
DN 15 (G ¾")	6600.00.972	7.15	1
DN 15 (G 1")	6600.00.965	7.15	1
Test screw fitting	6600.00.973	16.50	1

Backflow Preventer BA 6600 ST

Dimensions (mm)	Nominal size	
	DN 15	DN 15
A	G 3/4	G 1
A1	G 1	G 1
L	81	81
H	207	207
D	40	40



- 1 Backflow preventer cartridge
- 2 Tundish





Backflow Preventer STBA 100

For the protection of potable water against non potable water according to EN 1717 up to and including fluid category 4. Installation upstream of apparatuses and draw-off points. Body made from hot-stamped brass and synthetic material.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet); 65 °C (outlet)
Ambient temperature	5 °C - 40 °C
Fluid	potable water
Mounting position	any, tundish facing downwards
Flow rate	1.8 m ³ /h at Δp 1.5 bar

SYR expert advice

The STBA 100 is the first backflow preventer that can be mounted in a vertical position, as the flange system allows the vertical installation of the main axis.

Backflow Preventer STBA 100	Order-No.	Price (€)	KG
DN 15 (R 1/2)	6625.15.000	193.85	1
DN 15 (R 3/4)	6625.15.001	213.10	1

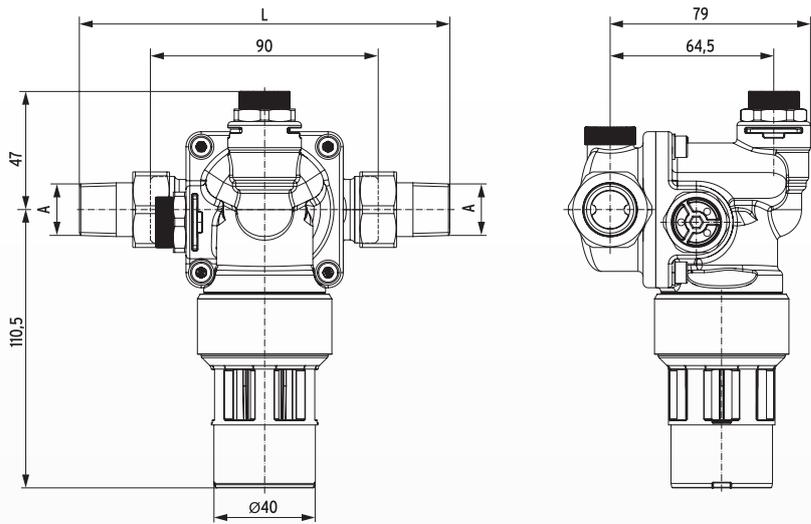
Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1
Differential pressure measuring set, digital (on loan for 2 weeks)	6600.00.911	183.80	1
Differential pressure measuring set, analogous	6600.00.913	2,742.15	1

Spare parts

Backflow preventer cartridge	6625.15.900	145.40	1
Test valves (3 units)	6625.15.902	15.55	1

Backflow Preventer STBA 100

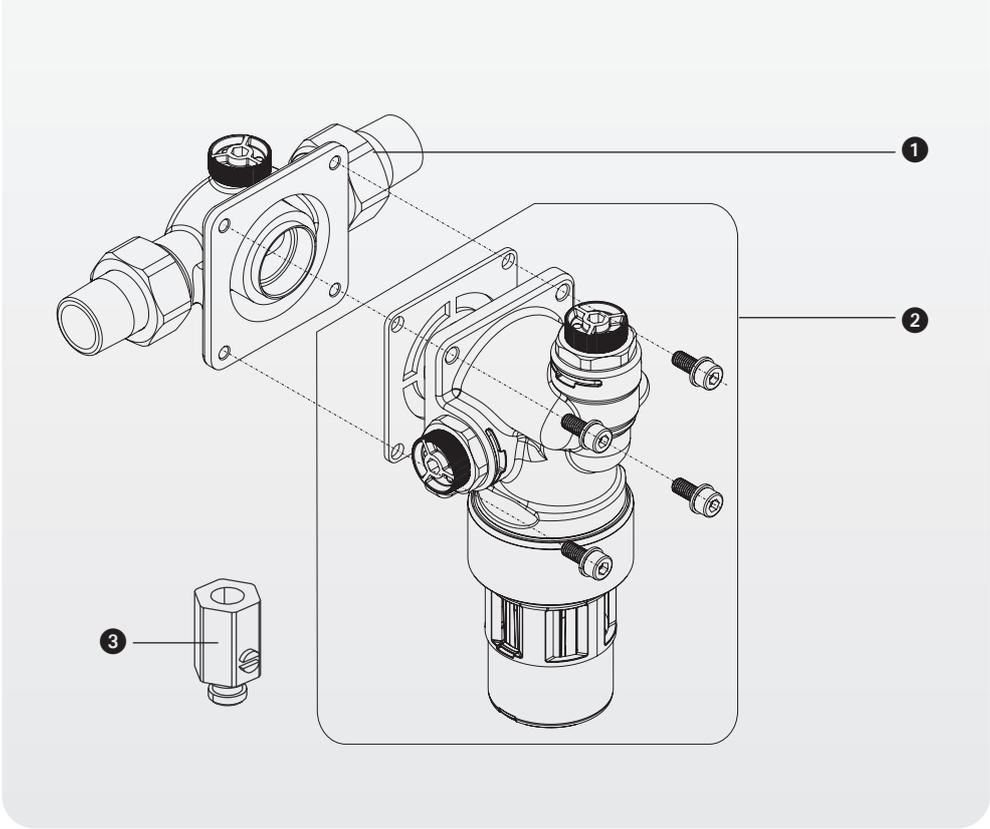
Dimensions (mm)	Nominal size DN 15	
	R ½	R ¾
A		
L	146	164



Maße / Dimensions [mm]

4

- 1 Connector housing
- 2 Backflow preventer cartridge
- 3 Hexagonal socket screws
- 4 Test valves for maintenance





Backflow Preventer CA 6800

For the protection of potable water against non potable water according to EN 1717 up to and including fluid category 3. Installation upstream of apparatuses and draw-off points. Body made of brass.

Technical specifications

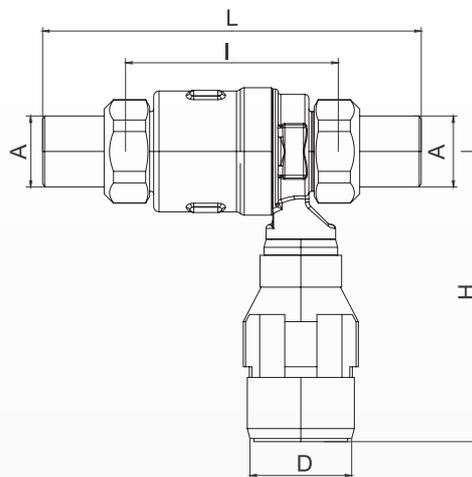
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	65 °C
Fluid	potable water
Flow rate	
DN 15	2.0 m ³ /h at Δp 1.7 bar
DN 20	3.2 m ³ /h at Δp 1.7 bar
ABP-No.	
DN 15	P-IX 7998/I
DN 20	P-IX 7587/II

Backflow Preventer CA 6800	Order-No.	Price (€)	KG
DN 15	6800.15.000	135.55	1
DN 20	6800.20.000	148.50	1

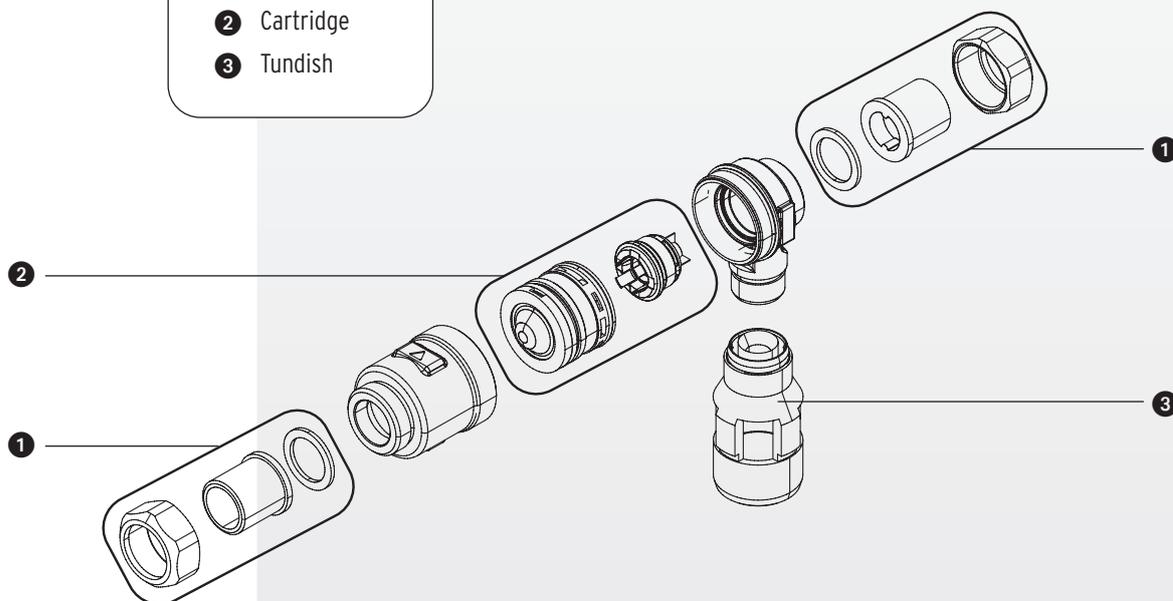
Accessories	Order-No.	Price (€)	KG
Maintenance key for the cartridge exchange	6600.00.971	33.80	1

Spare parts	Order-No.	Price (€)	KG
Cartridge	6800.00.903	92.20	1
Tundish	6800.00.901	9.50	1

Dimensions (mm)	Nominal size	
	DN 15	DN 20
A	R 1/2"	R 3/4"
L	137	142
I	79.5	79.5
H	96	96
A1	40	40



- ① Unions
- ② Cartridge
- ③ Tundish



Vacuum Breaker 65

The vacuum breaker 65 compensates negative pressure in pipe systems and prevents backsiphonage of water into the potable water system.

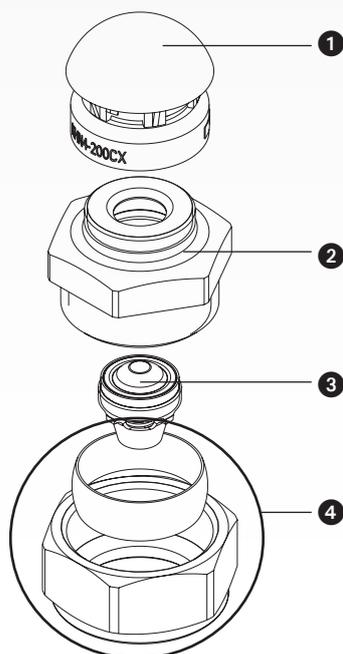
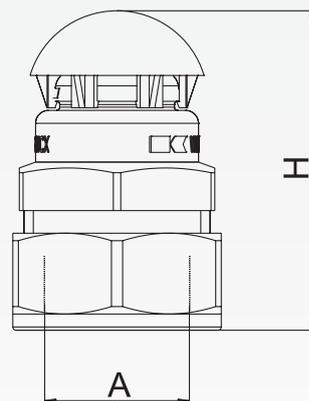


Technical specifications

Max. inlet pressure	16 bar
Max. operating temperature	60 °C
Fluid	water

Vacuum breaker 65	Order-No.	Price (€)	KG
15 mm	0065.15.002	5.75	1
22 mm	0065.20.003	6.20	1

Dimensions (mm)	Nominal size comp. fitting	
A	15 mm	22 mm
H	46.3	47.5



- 1 Cap
- 2 Body
- 3 Check valve
- 4 Fitting (15 or 22 mm)



Safety Valves for potable water heaters

Safety Center 4807, DN 15	106
Safety Center 4807, DN 20	108
Anti Legionella Valve 7500	110
Safety Groups SYRobloc Plus 24 / 25 insulation	112
Safety Groups SYRobloc Plus 24 / 25	114
Safety Groups SYRobloc 24	116
Safety Groups SYRobloc 25	118
Accessories / Spare parts 24 / 25	120
Dimensioning	121
Safety Assemblies 322, 323, 324	122
Safety Group 34	124
Safety Group 0330	125
Multibloc 2312	126
Inlet Control Group 2312	127
Diaphragm Pressure Relief Valve 2115	128
Pressure Relief Valve 2117	130
P&T Valve 2303	131
Drain Cock 6705	132

Safety Valves for potable water heaters



Safety Center 4807, DN 15

For the connection of unvented (pressurized) potable water heaters up to a maximum of 150 l in accordance with DIN 1988 and DIN 4807. Certified by DVGW and acoustic approval class 1. The Safety Center 4807 includes a check valve with test device, a double isolating system, a diaphragm pressure relief valve, an Anti-Legionella valve with an integrated shut-off valve for maintenance, a diaphragm expansion vessel 8 litres and a wall bracket. Body made of hot-pressed brass. Head part for diaphragm pressure relief valve 6, 8 and 10 bar included in delivery.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C inlet temperature
Fluid	potable water
Response pressure	6, 8, 10 bar by attached cartridges
Mounting position	any
Flow rate	
DN 20	0.7 m ³ /h at Δp 0.2 bar
DN 20	2.1 m ³ /h at Δp 1.0 bar
Approval mark	TÜV-SV-20-545-DN-W-N-p

Safety Center 4807	Order-No.	Price (€)	KG
8-litre-vessel	4807.15.000	382.00	1

Accessories	Order-No.	Price (€)	KG
Ring spanner	4807.00.906	25.10	1
Pressure gauge with angle connection	4807.00.900	54.35	1

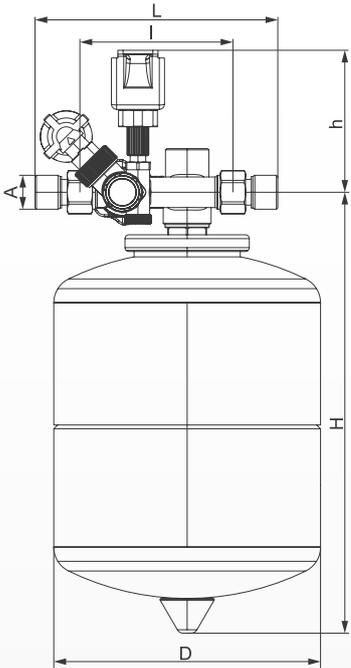
Spare parts	Order-No.	Price (€)	KG
Gas pressure tester	4807.00.905	61.75	1
Double isolating valve	0024.15.913	61.75	1
Tundish	0214.00.902	31.75	1
Stainless steel seat	4807.00.907	16.35	1

Pressure relief valve for the replacement of the complete pressure relief valve	Order-No.	Price (€)	KG
6 bar	2115.20.015	45.75	1
8 bar	2115.20.016	45.75	1
10 bar	2115.20.017	45.75	1
Diaphragm expansion vessel			
8 litre	4807.00.925	161.20	1
Exchangeable head part			
6 bar	2116.20.060	21.30	1
8 bar	2116.20.061	21.30	1
10 bar	2116.20.062	21.30	1



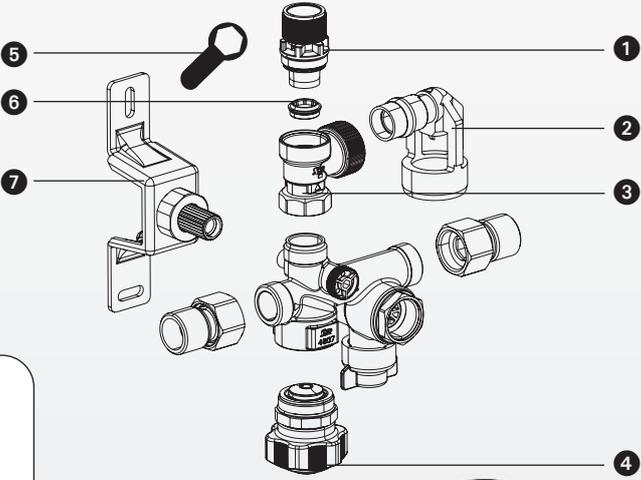
Pressure gauge
with angle connection

Dimensions (mm)	Nominal size DN 15
A	R 3/4"
L	187.5
l	113.5
h	85 - 105
H	343
D	206

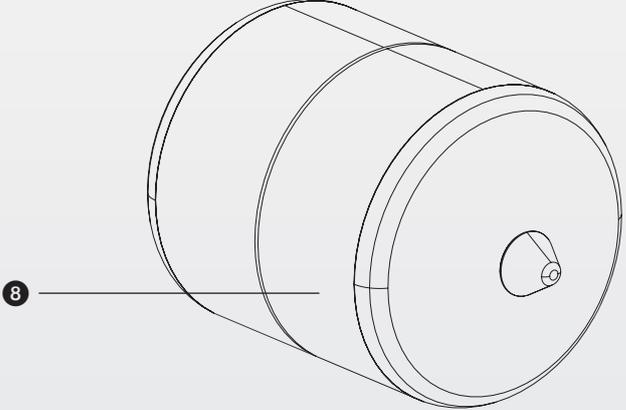


Dimensions Safety Center 4807			
Nominal volume diaphragm expansion vessel	8 litre		
Setting pressure diaphragm pressure relief valve	6 bar	8 bar	10 bar
Max. water heater	100l	120l	150l

5



- 1 Relief cartridge
- 2 Tundish
- 3 Body relief valve
- 4 Double isolating valve
- 5 Ring spanner
- 6 Stainless steel seat
- 7 Wall bracket
- 8 Diaphragm expansion vessel



Safety Valves for potable water heaters

Safety Center 4807, DN 20

For the connection of unvented (pressurized) potable water heaters up to a maximum of 560 l in accordance with DIN 1988 and DIN 4807. Certified by DVGW and acoustic approval class 1. The Safety Center 4807 includes a connection for an additional cold water user, a check valve with test device, a double isolating system, a diaphragm pressure relief valve, an Anti-Legionella valve with an integrated shut-off valve for maintenance, a diaphragm expansion vessel 12 or 18 litres, an assembly plate with a screw connection for the adjustment of the distance to the wall and a system check. Body made of gunmetal. Head part for diaphragm pressure relief valve 6, 8 and 10 bar included in delivery.



SYR exclusivity: the system check

The integrated system check gives quick and efficient information to the installer as to whether the hydraulic system of the domestic installation works properly - at the push of a button!

The green LED indicates trouble-free operation. However, if the red LED lights up, the system check has identified water dripping from the diaphragm pressure relief valve. The installation has to be verified.



Pressure gauge
with angle connection

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C inlet temperature
Fluid	potable water
Response pressure	6, 8, 10 bar by attached cartridges
Mounting position	any
Flow rate	
DN 20	2.0 m ³ /h at Δp 0.2 bar
DN 20	4.0 m ³ /h at Δp 1.0 bar
ABP-No.	PA-IX 7728/I
Approval mark	TÜV-SV-20-545-DN-W-N-p

Safety Center 4807	Order-No.	Price (€)	KG
12-litre-vessel	4807.20.000	470.70	1
18-litre-vessel	4807.20.001	494.65	1

Accessories	Order-No.	Price (€)	KG
Ring spanner	4807.00.906	25.10	1
Pressure gauge with angle connection	4807.00.900	54.35	1

Spare parts

Tundish with system check	4807.00.922	63.80	1
Gas pressure tester	4807.00.905	61.75	1
Double isolating valve	0024.15.912	61.75	1
Check valve	4807.00.902	22.90	1
Plug	4807.00.908	17.30	1
Maintenance cap	4807.00.904	12.25	1

Pressure relief valve

for the replacement of the complete pressure relief valve

6 bar	2115.20.015	45.75	1
8 bar	2115.20.016	45.75	1
10 bar	2115.20.017	45.75	1

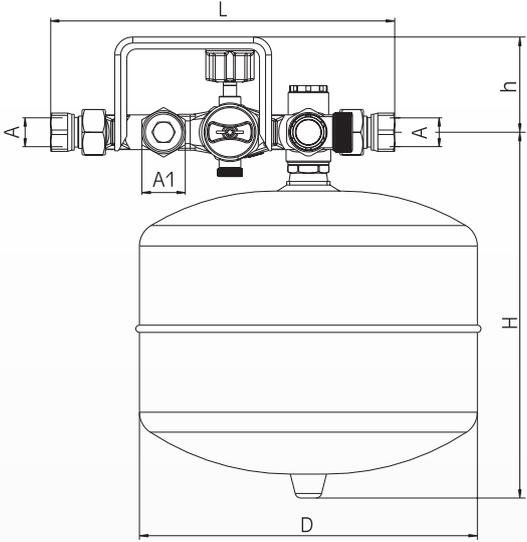
Diaphragm expansion vessel

12 litre	4807.00.923	193.20	1
18 litre	4807.00.924	210.60	1

Exchangeable head part

6 bar	2116.20.060	21.30	1
8 bar	2116.20.061	21.30	1
10 bar	2116.20.062	21.30	1

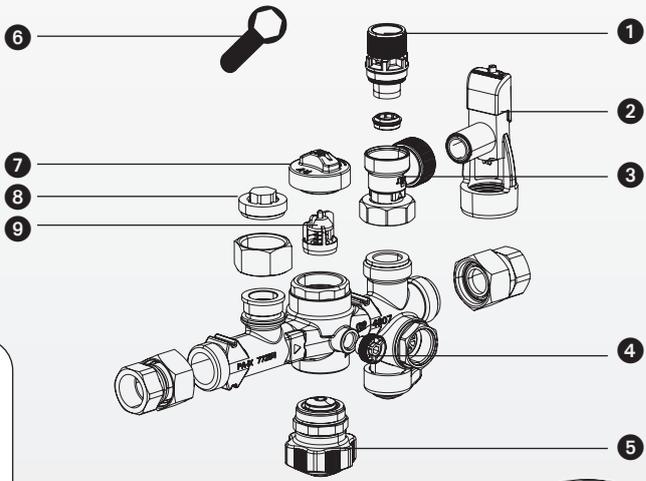
Dimensions (mm)	Nominal size DN 20
A	R 3/4"
A1	R 1
L	285
h	80 - 90
H	305 (12l MAG) 385 (18l MAG)
D	280



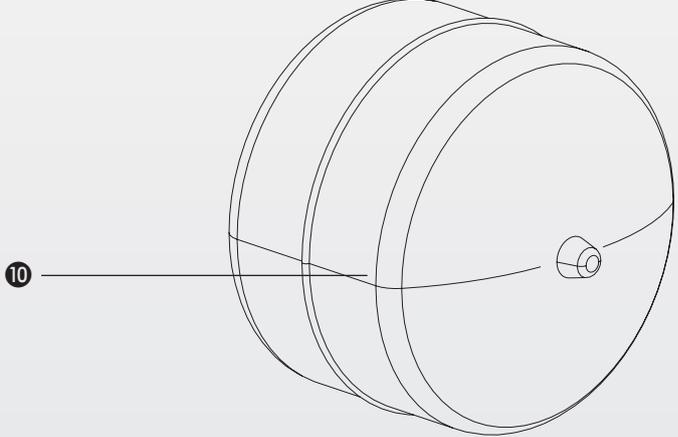
Dimensions Safety Center 4807

Nominal volume diaphragm expansion vessel	12 litre			18 litre		
	6 bar	8 bar	10 bar	6 bar	8bar	10 bar
Setting pressure diaphragm pressure relief valve						
Max. water heater	200l	310l	380l	300l	460l	560l

5



- 1 Relief cartridge
- 2 Tunish with system check
- 3 Body relief valve
- 4 Manometer plug
- 5 Double isolating valve
- 6 Ring spanner
- 7 Maintenance cap
- 8 Plug
- 9 Check valve
- 10 Diaphragm expansion vessel





Anti-Legionella Valve 7500

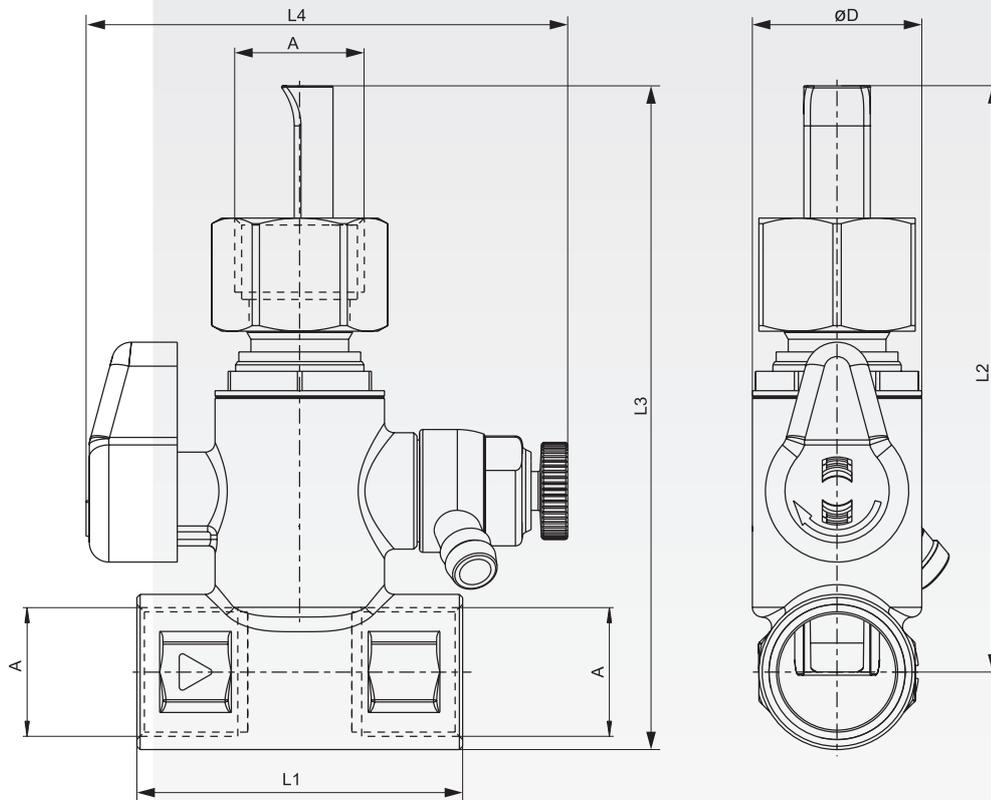
The Anti Legionella Valve 7500 is designed for the protection of unvented (pressurized) potable water heaters and for the connection with an diaphragm expansion vessel. It complies with German standards (DIN 1988, DIN 4753, part 1, DIN 4807 part 5) and the European standard EN 1488. The valve fulfils the requirements of the standards mentioned above and has to be installed according to table DIN 4807-5. The Anti Legionella Valve includes the Anti-Legionella valve itself. Vessels from 8 to 500 litres can be used.

Technical specifications

Max. operating pressure	max. 80% of the set pressure
Max. operating temperature	30 °C
Fluid	potable water
Mounting position	any

Anti-Legionella Valve 7500	Order-No.	Price (€)	KG
DN 15	7500.15.110	37.80	1
DN 20	7500.20.110	40.10	1
DN 25	7500.25.110	53.85	1
DN 32	7500.32.110	67.60	1

Anti-Legionella valve 7500



Dimensions (mm)	Nominal size			
	DN 15	DN 20	DN 25	DN 32
A	R 1/2"	R 3/4"	R 1"	R 1 1/4"
L1	50	58	80	80
L2	90,7	82,3	117,4	130,5
L3	102,6	97,6	136,2	153,5
L4	73,9	73,9	111,1	111,1
D	26	26	52	52

5

Safety Valves for potable water heaters



SYRobloc Plus 25.2, DN 15



SYRobloc Plus 25.2, DN 20



SYRobloc Plus 24.2, DN 15



SYRobloc Plus 24.2, DN 20

Safety Groups SYRobloc Plus 24 / 25

For the connection of unvented (pressurized) water heaters in accordance with DIN 1988. Certified by DVGW and acoustic approval class 1. Includes a double isolation valve, a check valve with test device, a diaphragm pressure relief valve with a stainless steel valve seat and an extendable tundish. Safety group SYRobloc Plus 25 is equipped with an additional pressure reducer.

All models with insulating cover.

Technical specifications

SYRobloc Plus

Max. inlet pressure	6, 8 or 10 bar
Flow rate SG 24	
DN 15	2.0 m ³ /h at Δp 1.0 bar
DN 20	4.0 m ³ /h at Δp 1.0 bar
Flow rate SG 25	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
Manometer plug connection	G ¼"
Approval mark	TÜV-SV-20-545-½"-W-p

Pressure reducing valve SG 25

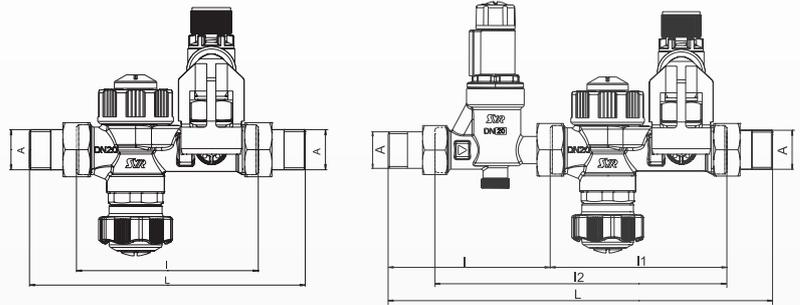
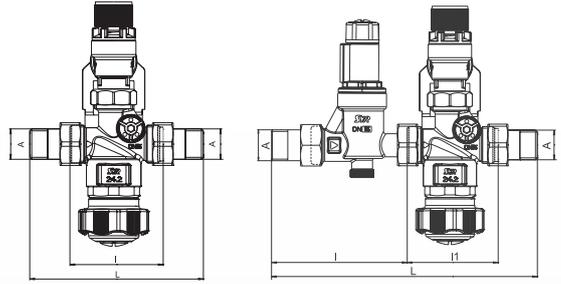
Max. inlet pressure	max. 16 bar
Max. outlet pressure	1.5 - 6 bar
Factory setting	4 bar

	Order-No.	Price (€)	KG
SYRobloc Plus 24.2, DN 15			
6 bar	0024.15.050	150.40	1
8 bar	0024.15.051	150.40	1
10 bar	0024.15.052	150.40	1
SYRobloc Plus 24.2, DN 20			
6 bar	0024.20.050	186.80	1
8 bar	0024.20.051	186.80	1
10 bar	0024.20.052	186.80	1
SYRobloc Plus 25.2, DN 15			
6 bar	0025.15.050	253.20	1
8 bar	0025.15.051	253.20	1
10 bar	0025.15.052	253.20	1
SYRobloc Plus 25.2, DN 20			
6 bar	0025.20.050	305.10	1
8 bar	0025.20.051	305.10	1
10 bar	0025.20.052	305.10	1

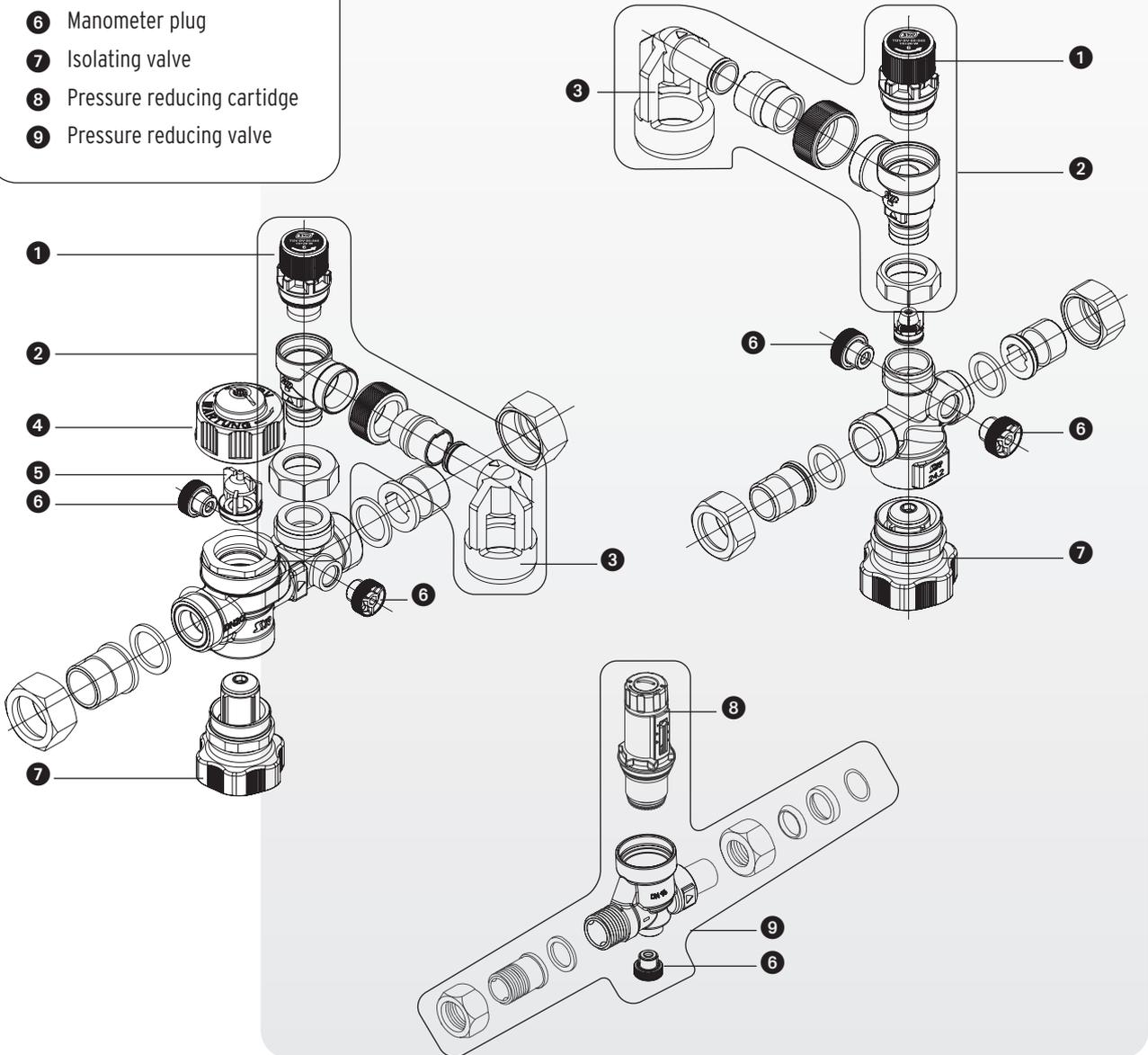
Spare parts	Order-No.	Price (€)	KG
Tundish	0214.00.902	31.75	1
Exchangeable pressure relief valve			
6 bar	2115.20.015	45.75	1
8 bar	2115.20.016	45.75	1
10 bar	2115.20.017	45.75	1
Screw cap	4807.00.917	11.80	1
Check valve	DN 20 4807.00.916	22.90	1
Manometer plug	0828.08.000	1.75	1
Isolation valve	0024.15.913	61.75	1
PRV-Cartridge	0315.15.931	64.80	1
Pressure reducing valve complete			
DN 15	0315.15.932	132.20	1
DN 20	0315.20.963	145.05	1



Dimensions (mm)	SYRobloc Plus 24		SYRobloc Plus 25	
	DN 15	DN 20	DN 15	DN 20
A	R 1/2"	R 3/4"	R 1/2"	R 3/4"
L	121	182	206	266
I	65	120	113	116
I1	-	-	65	120
I2	-	-	149	205



- 1 Exchange cartidge
- 2 Exchange pressure relief valve
- 3 Tundish
- 4 Handle
- 5 Check valve
- 6 Manometer plug
- 7 Isolating valve
- 8 Pressure reducing cartidge
- 9 Pressure reducing valve



5

Safety Valves for potable water heaters



SYRobloc Plus 25.2, DN 15



SYRobloc Plus 25.2, DN 20



SYRobloc Plus 24.2, DN 15



SYRobloc Plus 24.2, DN 20

Safety Groups SYRobloc Plus 24 / 25

For the connection of unvented (pressurized) water heaters in accordance with DIN 1988. Certified by DVGW and acoustic approval class 1. Includes a double isolation valve, a check valve with test device, a diaphragm pressure relief valve with a stainless steel valve seat and an extendable tundish. Safety group SYRobloc Plus 25 is equipped with an additional pressure reducer.

Technical specifications

SYRobloc Plus

Max. inlet pressure	6, 8 or 10 bar
Flow rate SG 24	
DN 15	2.0 m ³ /h at Δp 1.0 bar
DN 20	4.0 m ³ /h at Δp 1.0 bar
Flow rate SG 25	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
Manometer plug connection	G ¼"
Approval mark	TÜV-SV-20-545-½"-W-p

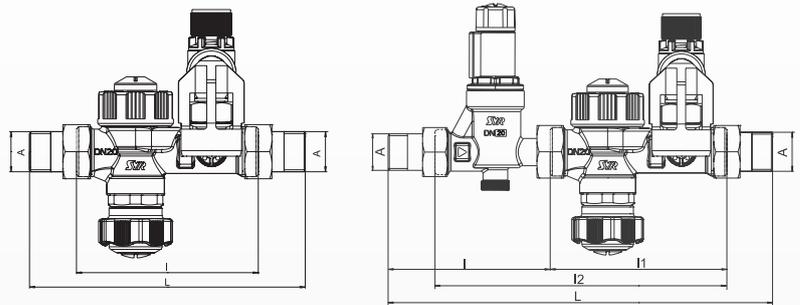
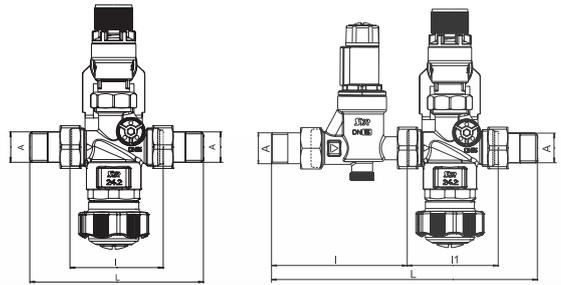
Pressure reducing valve SG 25

Max. inlet pressure	max. 16 bar
Max. outlet pressure	1.5 - 6 bar
Factory setting	4 bar

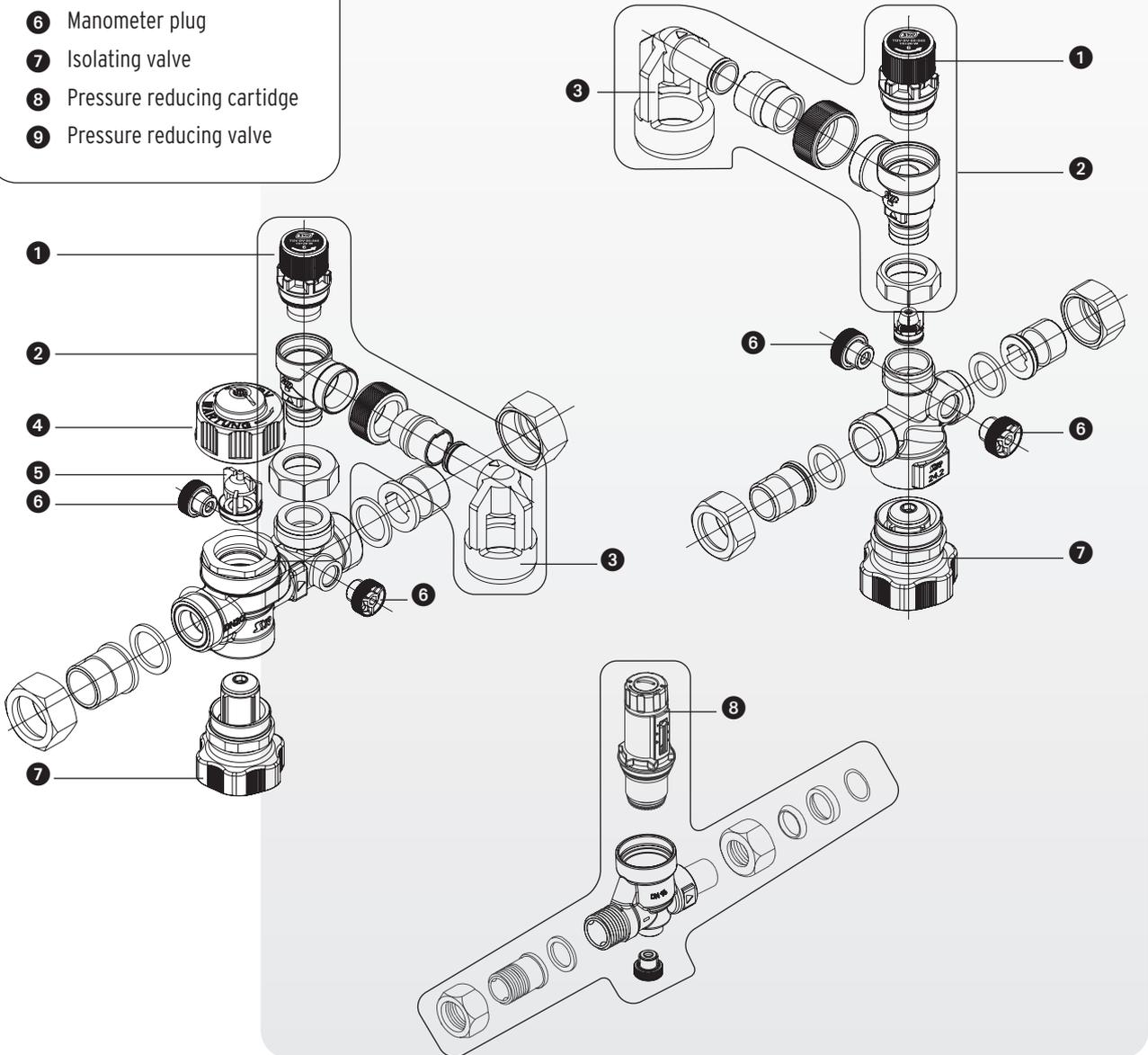
	Order-No.	Price (€)	KG
SYRobloc Plus 24.2, DN 15			
6 bar	0024.15.060	139.95	1
8 bar	0024.15.061	139.95	1
10 bar	0024.15.062	139.95	1
SYRobloc Plus 24.2, DN 20			
6 bar	0024.20.060	177.90	1
8 bar	0024.20.061	177.90	1
10 bar	0024.20.062	177.90	1
SYRobloc Plus 25.2, DN 15			
6 bar	0025.15.060	245.90	1
8 bar	0025.15.061	245.90	1
10 bar	0025.15.062	245.90	1
SYRobloc Plus 25.2, DN 20			
6 bar	0025.20.060	298.70	1
8 bar	0025.20.061	298.70	1
10 bar	0025.20.062	298.70	1

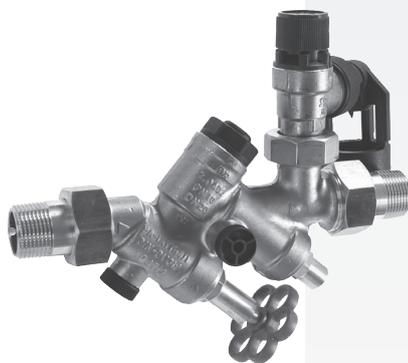
Spare parts	Order-No.	Price (€)	KG
Tundish	0214.00.902	31.75	1
Exchangeable pressure relief valve			
6 bar	2115.20.073	45.75	1
8 bar	2115.20.074	45.75	1
10 bar	2115.20.075	45.75	1
Screw cap	4807.00.917	11.80	1
Check valve	DN 20 4807.00.916	22.90	1
Manometer plug	0828.08.000	1.75	1
Isolation valve	0024.15.913	61.75	1
PRV-Cartridge	0315.15.935	64.80	1
Pressure reducing valve			
DN 15	0315.15.934	132.20	1
complete	DN 20 0315.20.965	145.05	1

Dimensions (mm)	SYRobloc Plus 24		SYRobloc Plus 25	
	DN 15	DN 20	DN 15	DN 20
A	R 1/2"	R 3/4"	R 1/2"	R 3/4"
L	121	182	206	266
I	65	120	113	116
I1	-	-	65	120
I2	-	-	149	205



- 1 Exchange cartridge
- 2 Exchange pressure relief valve
- 3 Tundish
- 4 Handle
- 5 Check valve
- 6 Manometer plug
- 7 Isolating valve
- 8 Pressure reducing cartridge
- 9 Pressure reducing valve





Spare parts:
page 120

Safety Groups SYRobloc 24

For the connection of unvented (pressurized) water heaters in accordance with DIN 1988. Certified by DVGW and acoustic approval class 1. Includes a shut-off valve, a check valve with test device, a second shut-off valve (DN 20), a diaphragm pressure relief valve with a stainless steel valve seat and an extendable tundish. Body made of hot-pressed brass. Standard settings 6, 8 and 10 bar.

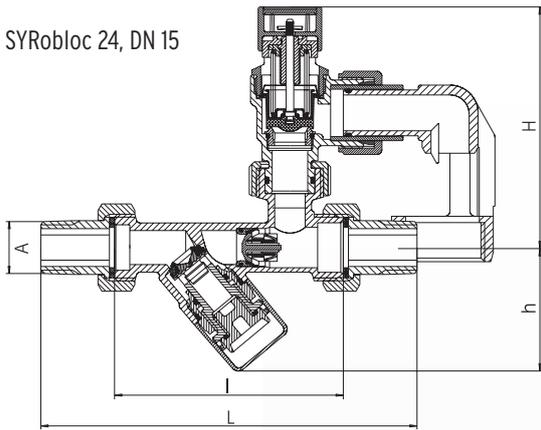
Technical specifications

Max. inlet pressure	10 bar according to DIN EN 1488
Max. operating pressure	max. 80% of the set pressure
Max. operating temperature	30 °C
Fluid	potable water
Mounting position	any
Response pressure	6, 8 or 10 bar
Flow rate	
DN 15	2.0 m ³ /h at Δp 1.0 bar
DN 20	4.0 m ³ /h at Δp 1.0 bar
Max. nominal volume TWE	DN 15: 200 litre / DN 20: 1.000 litre
Max. heating capacity	DN 15: 75 KW / DN 20: 150 KW
Approval mark	TÜV-SV-20-545-DN-W-N-p
ABP-No.	PA-IX 1794/I

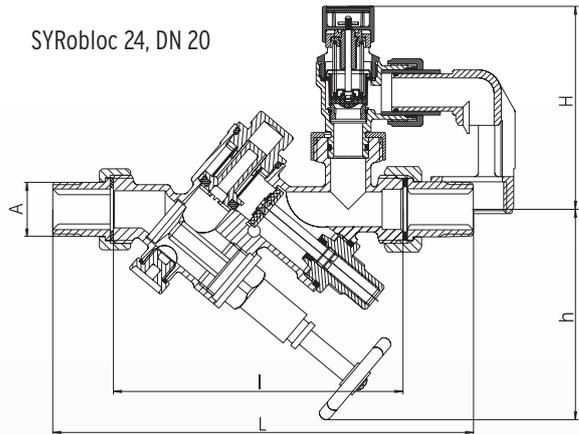
Safety Groups 24	Order-No.	Price (€)	KG
DN 15 (R ½) 6 bar	0024.15.000	139.95	1
	0024.15.001	139.95	1
	0024.15.002	139.95	1
DN 15 (R ¾) 6 bar	0024.15.009	150.25	1
	0024.15.010	150.25	1
	0024.15.011	150.25	1
DN 20 (R ¾) 6 bar	0024.20.000	177.90	1
	0024.20.001	177.90	1
	0024.20.002	177.90	1
DN 20 (R 1) 6 bar	0024.20.009	192.05	1
	0024.20.010	192.05	1
	0024.20.011	192.05	1

Safety Group SYRobloc 24

SYRobloc 24, DN 15

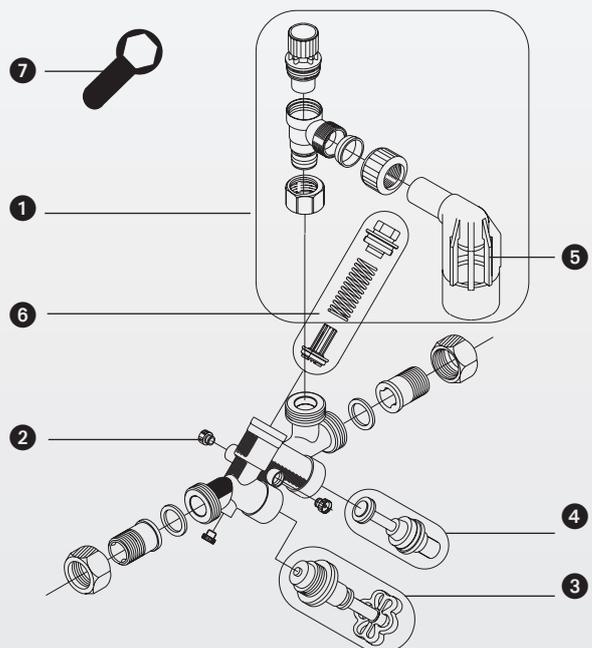
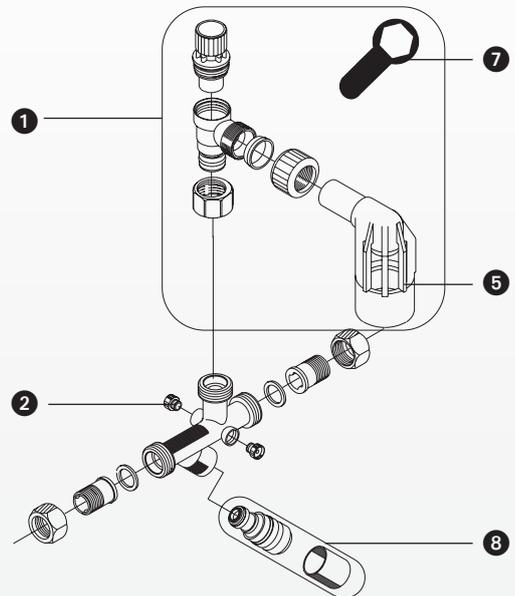


SYRobloc 24, DN 20



Dimensions (mm)	Nominal size			
	DN 15	DN 15	DN 20	DN 20
A	R 1/2"	R 3/4"	3/4"	R 1
L	147	160	205	230
l	90	90	140	140
H	90	90	100	100
h	50	50	115	115

- ① Exchangeable pressure relief valve
- ② Manometer plug
- ③ Angle valve top
- ④ Stop valve for maintenance
- ⑤ Tundish
- ⑥ Check valve
- ⑦ Assembly key
- ⑧ Isolating valve, DN 15



Safety Valves for potable water heaters



Spare parts:
page 120

Safety Groups SYRobloc 25

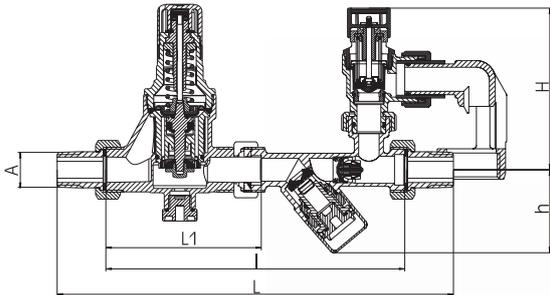
For the connection of unvented (pressurized) water heaters in accordance with DIN 1988. Certified by DVGW and acoustic approval class 1. Includes a shut-off valve, a check valve with test device, a second shut-off valve (DN 20), a diaphragm pressure relief valve with a stainless steel valve seat, an extendable tundish and an additional pressure reducing valve. Outlet pressure adjustment range 1.5 to 6 bar. Factory-set to 4 bar. Body made of hot-pressed brass. Standard settings 6, 8 and 10 bar.

Technical specifications

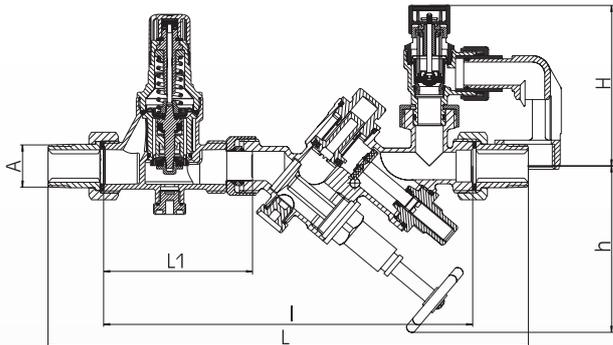
Max. inlet pressure	10 bar according to DIN EN 1488
Max. operating pressure	max. 80% of the set pressure
Max. operating temperature	30 °C
Fluid	potable water
Mounting position	any
Response pressure	6, 8 or 10 bar
Flow rate	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
Max. nominal volume TWE	DN 15: 200 litre / DN 20: 1.000 litre
Max. heating capacity	DN 15: 75 KW / DN 20: 150 KW
Approval mark	TÜV-SV-20-545-DN-W-N-p
ABP.-No.	
Pressure reducing valve	P-IX 16742/I
Safety Group	PA-IX 1794/I

Safety Groups 25	Order-No.	Price (€)	KG
DN 15 (R ½) 6 bar	0025.15.000	245.90	1
	0025.15.001	245.90	1
	0025.15.002	245.90	1
DN 15 (R ¾) 6 bar	0025.15.009	268.25	1
	0025.15.010	268.25	1
	0025.15.011	268.25	1
DN 20 (R ¾) 6 bar	0025.20.000	298.70	1
	0025.20.001	298.70	1
	0025.20.002	298.70	1
DN 20 (R 1) 6 bar	0025.20.009	316.90	1
	0025.20.010	316.90	1
	0025.20.011	316.90	1

SYRobloc 25, DN 15

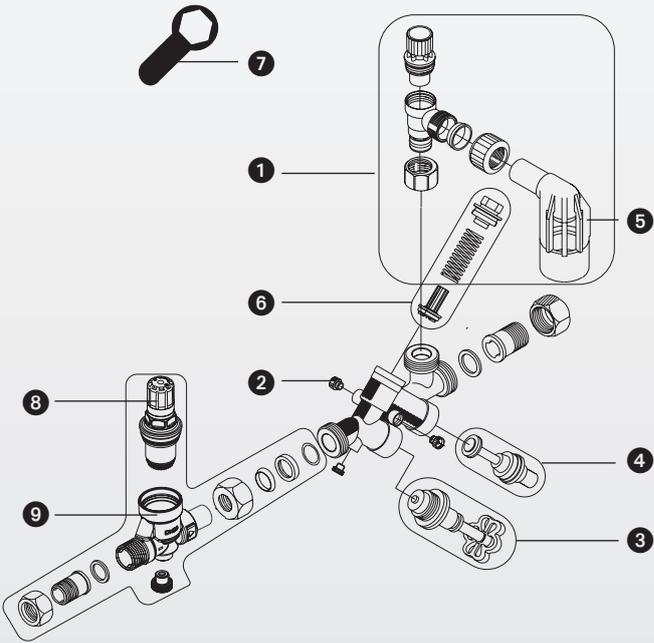
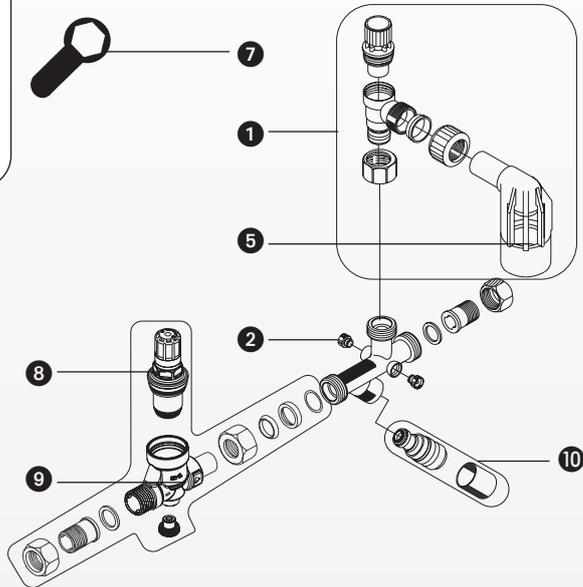


SYRobloc 25, DN 20



Dimensions (mm)	Nominal size			
	DN 15	DN 15	DN 20	DN 20
A	R 1/2"	R 3/4"	R 3/4"	R 1
L	232	247	290	310
L1	91	91	91	91
I	175	175	225	225
H	90	90	100	100
h	50	50	115	115

- 1 Exchangeable pressure relief valve
- 2 Manometer plug
- 3 Angle valve top
- 4 Isolating valve for maintenance
- 5 Tundish
- 6 Check valve
- 7 Assembly key
- 8 Pressure reducing cartridge
- 9 Pressure reducing valve
- 10 Isolating valve, DN 15



5



Accessories / Spare parts 24 / 25

Exchangeable Pressure Relief Valve 2115.1

Exchangeable Pressure Relief Valve with adapter for old version with compression fitting, stainless steel valve seat, extendable tundish. Body made of brass.

		Order-No.	Price (€)	KG
DN 20	6 bar	2115.20.015	45.75	1
	8 bar	2115.20.016	45.75	1
	10 bar	2115.20.017	45.75	1



Accessories		Order-No.	Price (€)	KG
Ring spanner		4807.00.906	25.10	1
Spare parts				
Pressure reducing valve 315.1				
DN 15	brass	0315.15.009	132.20	1
DN 20	brass	0315.20.005	145.05	1
Pressure reducing cartridge				
DN 15 + 20	(from 07/2007)	0312.20.927	64.80	1
DN 15	(up to 06/2007)	0312.15.900	67.15	1
DN 20	(up to 06/2007)	0315.20.904	99.15	1
Pressure gauge		0011.08.000	21.55	1
Tundish				
(from 06/1999)		0214.00.902	31.75	1
Stop valve (DN 15)		0024.15.900	15.80	1
Check valve (DN 20)		0024.20.901	16.20	1
Stop valve for maintenance				
(DN 20)		0024.20.902	27.45	1
Head part of angle seat valve				
(DN 20)		0024.20.903	21.80	1
Manometer plug		0828.08.000	1.75	1

Dimensioning

Dimensions Safety Center 4807

Vessel volume	12 litre			18 litre		
Set pressure relief valve	6 bar	8 bar	10 bar	6 bar	8bar	10 bar
Max. volume potable water heater	200l	310l	380l	300l	460l	560l

Dimensions Safety Center 4807, 8 litre

Set pressure relief valve	6 bar	8 bar	10 bar
Max. volume potable water heater	100l	120l	150l

Dimensions Safety Groups SYRobloc 24 + 25

	Nominal size water heater	Content of water heater
DN 15	up to 200 litre	up to 75 KW
DN 20	up to 1000 litre	up to 150 KW

Dimensions of pressure relief valves according to DIN 1988

Nominal size		DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Maximum heating capacity TWE	l	up to 200	201 - 1000	1001 - 5000	> 5001		
Max. discharge capacity in m ³ /h	kW	75	150	250	30.000		
	bar	max. relief capacity m ³ /h					
	4	2.8	3	9.5	14.3	19.2	27.7
	4.5	3	3.2	10.1	15.1	20.4	29.3
	5	3.1	3.4	10.6	16	21.5	30.9
	5.5	3.3	3.6	11.1	16.1	22.5	32.4
	6	3.4	3.7	11.6	17.5	41.2	50.9
	7	3.7	4	12.6	18.9	44.5	54.9
	8	4	4.3	13.4	20.2	47.6	58.7
	9	4.2	4.6	14.3	21.4	50.5	62.3
	10	4.4	4.8	15	22.6	53.2	65.7



Safety Assemblies 322, 323, 324

For the connection to unvented (pressurized) electric wall-mounted water heaters. Body made of hot-pressed brass, **high gloss polished**. DVGW-tested and acoustic approval class 1 (323 / 324). The assembly 322 includes a stop valve and a diaphragm pressure relief valve. For water heaters up to a volume of 10 l. The assembly 323 is also equipped with a check valve with test device. The assembly 324 also includes a check valve with test device and an additional pressure reducing valve. Outlet pressure adjustment range 1.5 to 6 bar. Factory-set to 4 bar. The assemblies 323 and 324 can be used for water heaters up to a volume of 200 litres.

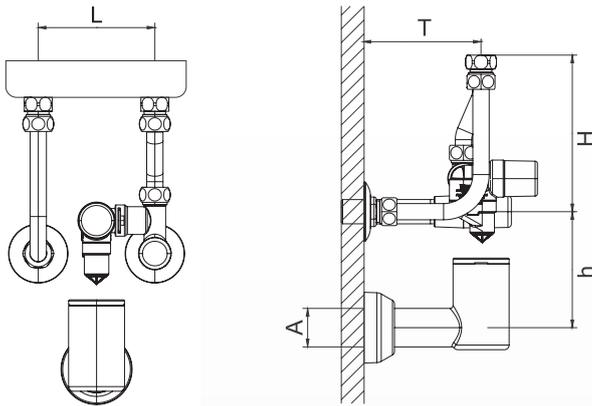
Technical specifications

Max. inlet pressure 322/323	10 bar according to DIN EN 1488
Max. inlet pressure 324	16 bar (Pressure reducing valve)
Max. operating pressure	max. 80% of the set pressure
Max. operating temperature	30 °C
Fluid	potable water
Approval mark	TÜV-SV-20-545-DN-W-N-p
ABP-No.	
SG 323	PA-IX 7722/I
SG 324	PA-IX 7722/I (SG) or PA-IX 7636/I (DM)

Safety Assemblies	Order-No.	Price (€)	KG
322, 7 bar, without siphon	0322.15.055	119.05	1
322, 10 bar, with siphon	0322.15.056	140.75	1
323, 6 bar, without mixing valve	0323.15.055	134.35	1
324, 6 bar, without mixing valve	0324.15.055	213.65	1

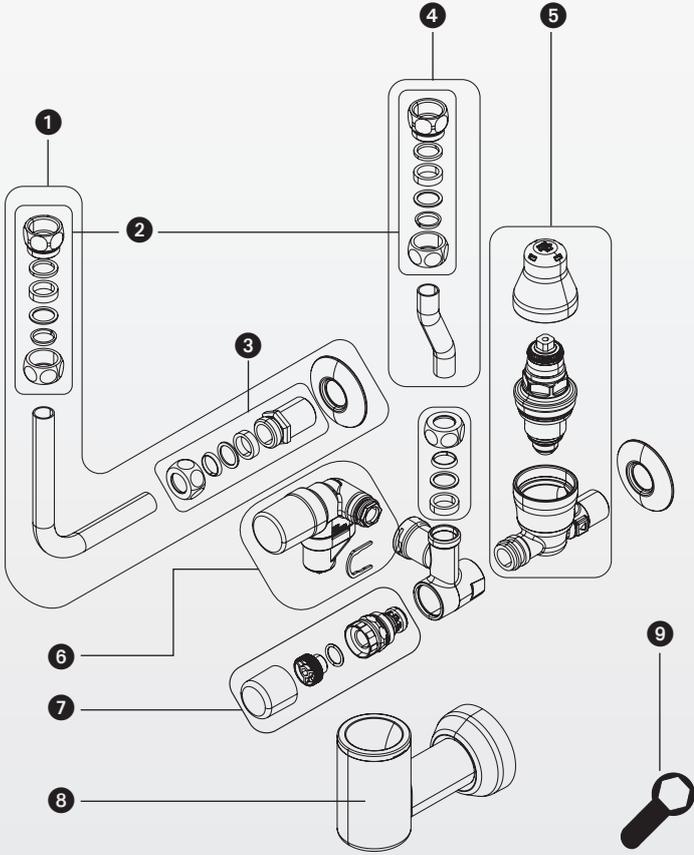


Accessories	Order-No.	Price (€)	KG
Assembly key	4807.00.906	25.10	1
Spare parts			
Pressure gauge, G ¼	0010.08.500	43.35	1
Pressure reducing valve as replacement set for 324 or retrofitting set for SG 323	0324.15.901	115.95	1
Warm water connection	0323.15.900	51.00	1
Cold water connection	0323.15.901	19.80	1
Siphon	0323.15.922	29.05	1
Pressure relief valve, complete			
6 bar	0323.15.924	40.05	1
8 bar	0323.15.925	40.05	1
10 bar	0323.15.926	40.05	1
Isolating unit	0323.15.921	15.80	1
Device connection	0323.15.908	15.50	1
Pipe nipple	0323.15.909	16.85	1



Dimensions (mm)	Group		
	322	323	324
A	-	G 1"	G 1"
L	100	100	100
T	70 - 100	70 - 100	70 - 100
H	100 - 120	100 - 120	100 - 120
h	-	100	100
M	-	80	80

- 1 Hot water connection
- 2 Device connection
- 3 Pipe nipple
- 4 Cold water connection
- 5 Pressure reducing valve
- 6 Exchange relief cartridge
- 7 Isolating unit
- 8 Siphon
- 9 Ring spanner



Safety Valves for potable water heaters



Safety Group 34 with check valve

Small and compact safety group for unvented potable water heaters. Body made of chrome plated brass. Internal parts are made of heat and age resistant elastomeric synthetic materials.

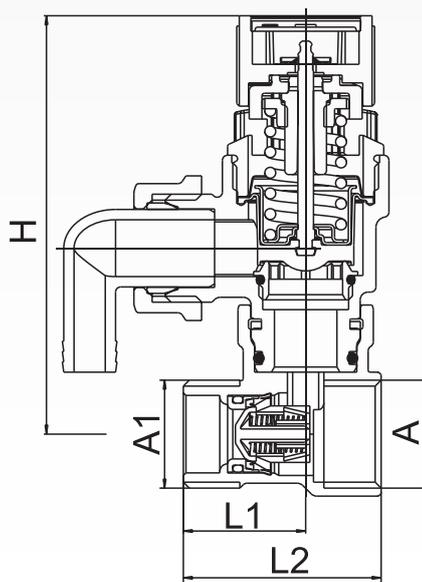
Technical specifications

Connection size	DN 15 and DN 20
Set pressure	6, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve
Max. operating temperature	90 °C
Fluid	water, other neutral non-adhesive fluids

Safety group 34	Order-No.	Price (€)	KG
0034, DN 15, 6 bar	0034.15.011	20.00	1
0034, DN 15, 8 bar	0034.15.012	20.00	1
0034, DN 15, 10 bar	0034.15.013	20.00	1
0034, DN 20, 6 bar	0034.20.006	20.65	1
0034, DN 20, 8 bar	0034.20.007	20.65	1
0034, DN 20, 10 bar	0034.20.005	20.65	1

Dimensions

(mm)	DN 15	DN 20
A	G 1/2"	G 3/4"
A1	Rp 1/2"	Rp 3/4"
H	81	81
L1	23.5	23.5
L2	38	38



Safety Group 0330

Safety group for unvented potable water heaters. Body made of nickel plated brass. Internal parts are made of heat and age resistant elastomeric synthetic materials.

Technical specifications

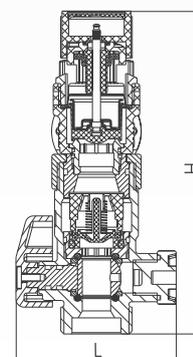
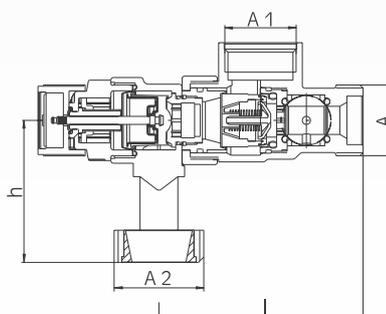
Connection size	DN 20
Set pressure	6, 7, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve
Max. operating temperature	95 °C
Fluid	water, other neutral non-adhesive fluids



Safety Group 0330	Order-No.	Price (€)	KG
0330, DN 20, 7 bar	0330.20.000	36.35	1
0330, DN 15, brass, 6 bar	0330.15.100	60.90	1
0330, DN 15, brass, 8 bar	0330.15.101	60.90	1
0330, DN 15, brass, 10 bar	0330.15.102	60.90	1

Dimensions

(mm)	DN 20
A	G 3/4"
A1	G 3/4"
A2	G 1"
L	120
l	76
H	59
h	53



Safety Valves for potable water heaters

Multibloc 2312

Safety group for unvented potable water heaters. Body made of high-quality, low-lead DZR brass alloy. Internal parts are made of heat and age resistant elastomeric synthetic materials.



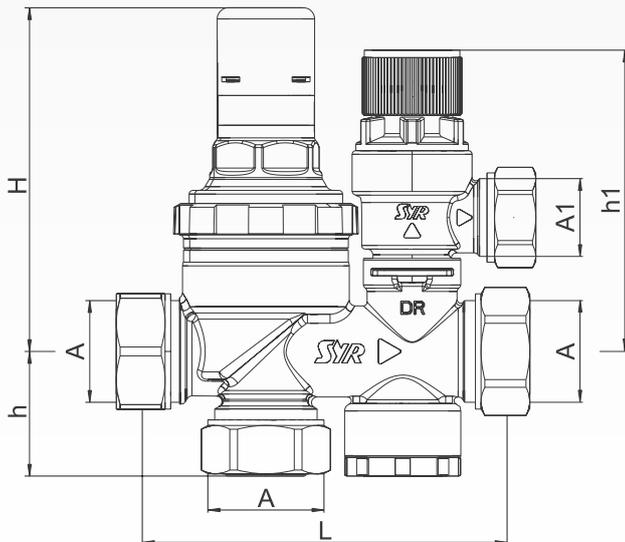
Technical specifications

Connection size	DN 20
Set pressure	6, 7, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve (other settings on request)
Max. operating temperature	95 °C
Fluid	water, other neutral non-adhesive fluids

	Order-No.	Price (€)	KG
Multibloc 2312	2312.20.2XX	55.40	1

Dimensions

(mm)	DN 20
A	G 3/4"
A1	G 1/2"
H	93
h	25.5
h1	81
L	95.5



Inlet Control Group 2312

Safety group for unvented potable water heaters. Body made of high-quality, low-lead DZR brass alloy. Internal parts are made of heat and age resistant elastomeric synthetic materials.

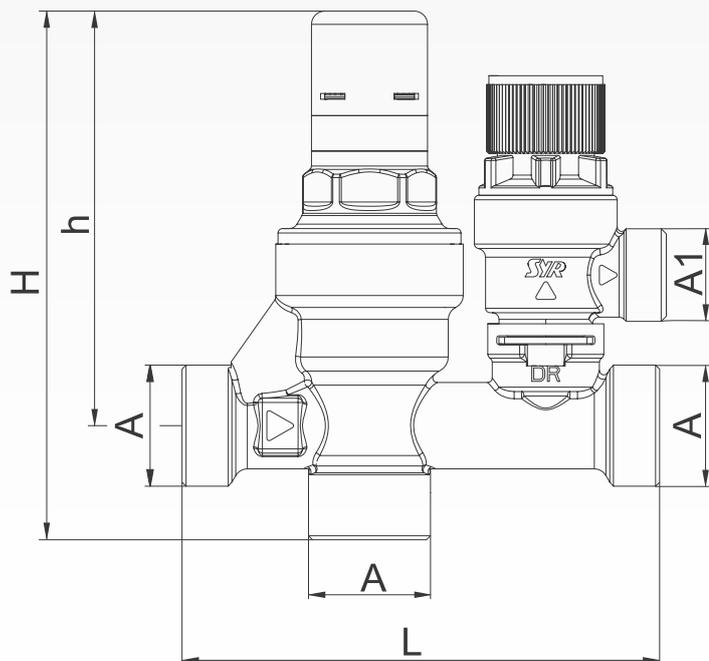


Technical specifications

Connection size	DN 20
Set pressure	6, 7, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve (other settings on request)
Max. operating temperature	95 °C
Medium	water, other neutral non-adhesive fluids

	Order-No.	Price (€)	KG
Inlet Control Group 2312	2312.00.3XX	53.75	1

Dimensions (mm)	DN 20
A (comp. fitting)	22
A1	G 1/2"
L	107
H	115.6
h	93.6





CE 0085

Pressure Relief Valve 2115 / with stainless steel seat

Designed for the connection to unvented (pressurized) water heaters according to DIN 1988 and for installations according to the AD-instruction sheet A2. Body made of high quality low lead brass alloy (DN 15 - DN 32) or low lead gunmetal alloy (DN 40 und DN 50), caps from glass fiber reinforced synthetic material. 2115 with stainless steel valve seat (DN 15 + DN 20).

Technical specifications

Response pressure	4 - 10 bar (on request)
Standard setting	6, 8, 10 bar
Max. operating temperature	110 °C
Fluid	water, neutral non-adhesive fluids
Mounting position	preferably main axis vertical, inlet downstairs
Approval mark	TÜV-SV-20-545-DN-W-N-p

	Order-No.	Price (€)	KG
Diaphragm Pressure Relief Valve 2115			
DN 15			
6 bar	2115.15.000	19.00	1
8 bar	2115.15.001	19.00	1
10 bar	2115.15.002	19.00	1
DN 20			
6 bar	2115.20.000	29.40	1
8 bar	2115.20.001	29.40	1
10 bar	2115.20.002	29.40	1
DN 25			
6 bar	2115.25.000	52.00	1
8 bar	2115.25.001	52.00	1
10 bar	2115.25.002	52.00	1
DN 32			
6 bar	2115.32.000	125.60	1
8 bar	2115.32.001	125.60	1
10 bar	2115.32.002	125.60	1
DN 40			
6 bar	2115.40.000	354.30	1
8 bar	2115.40.001	354.30	1
10 bar	2115.40.002	354.30	1
DN 50			
6 bar	2115.50.000	402.85	1
8 bar	2115.50.001	402.85	1
10 bar	2115.50.002	402.85	1
Diaphragm Pressure Relief Valve with stainless steel seat			
DN 15			
6 bar	2115.15.200	25.85	1
8 bar	2115.15.201	25.85	1
10 bar	2115.15.202	25.85	1
DN 20			
6 bar	2115.20.200	36.50	1
8 bar	2115.20.201	36.50	1
10 bar	2115.20.202	36.50	1

Pressure Relief Valve 2115

as pressure relief valve 2115, but with **special setting** 2 - 10 bar

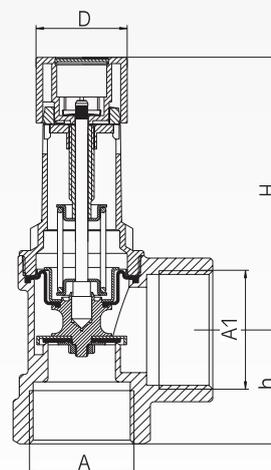
When ordering this diaphragm pressure relief valve with special setting, observe the following:

Specify the complete order-no. of the desired article with XXX and add the desired level of pressure protection to ensure correct classification.

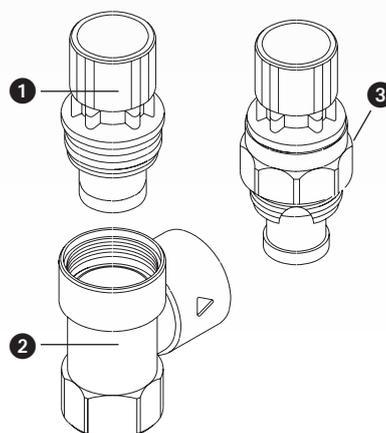
	Order-No.	Price (€)	KG
DN 15	2115.15.XXX	75.90	1
DN 20	2115.20.XXX	94.60	1
DN 25	2115.25.XXX	125.15	1
DN 32	2115.32.XXX	270.25	1
DN 40	2115.40.XXX	760.90	1
DN 50	2115.50.XXX	865.50	1

Accessories / Spare parts	Order-No.	Price (€)	KG
Exchange cartridge 2116 to replace the cartridge for 2115 and 322 - 324, DN 15 and 20			
6 bar	2116.20.000	35.65	1
8 bar	2116.20.001	35.65	1
10 bar	2116.20.002	35.65	1

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	Rp 1/2"	Rp 3/4"	Rp 1"	Rp 1 1/4"	Rp 1 1/2"	Rp 2"
A1	Rp 3/4"	Rp 1"	Rp 1 1/4"	Rp 1 1/2"	Rp 2"	Rp 2 1/2"
H	46	48	79.5	110	186.5	195
h	28	34	40.5	46	55	65.5
D	31	31	43	51	75	75



- ① Head part
- ② Body
- ③ Cartridge



Pressure Relief Valve 2117

The pressure relief valve is designed to protect pressurised water installations against overpressurisation. Body made of brass, spring cap made of high quality glass fibre reinforced synthetic material.



2117

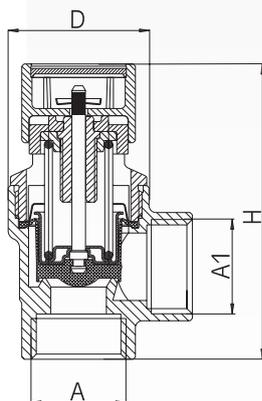


2117.11

Technical specifications

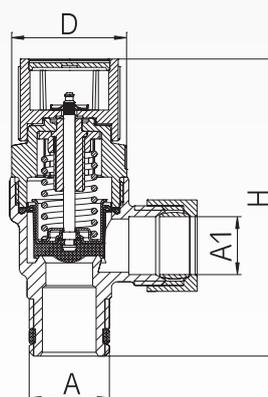
Set pressure	4 - 10 bar
Max. operating temperature	110 °C
Fluid	water, neutral non-aggressive non-adhesive fluids
Mounting position	preferably main axis vertical

	Order-No.	Price (€)	KG
Pressure Relief Valve 2117			
DN 15			
6 bar	2117.15.000	18.95	1
8 bar	2117.15.001	18.95	1
10 bar	2117.15.002	18.95	1
DN 20			
6 bar	2117.20.000	29.30	1
8 bar	2117.20.001	29.30	1
10 bar	2117.20.002	29.30	1
Pressure Relief Valve 2117.11			
DN 15	2117.15.200	25.75	1
DN 20	2117.20.200	36.40	1



Dimensions 2117

(mm)	DN 15	DN 20
A	1/2" female	3/4" female
A1	1/2" female	3/4" female
H	64	75
D	31	31

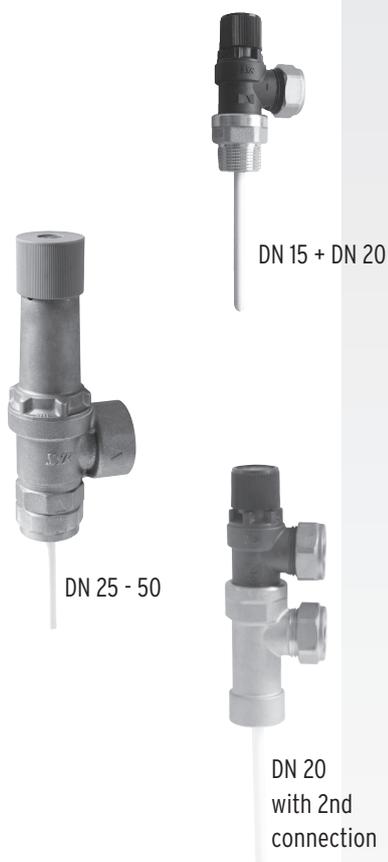


Dimensions 2117.11

(mm)	DN 15	DN 20
A	1/2" male	3/4" male
A1	15 mm comp. fitting	22 mm comp. fitting
H	79	79
D	31	31

P&T Valve 2303

The temperature and pressure relief valve is used as a safety valve to reduce excess pressure from overheated water and normal water pressure. Body made of gunmetal alloy, spring cap made of high quality glass fibre reinforced synthetic material.



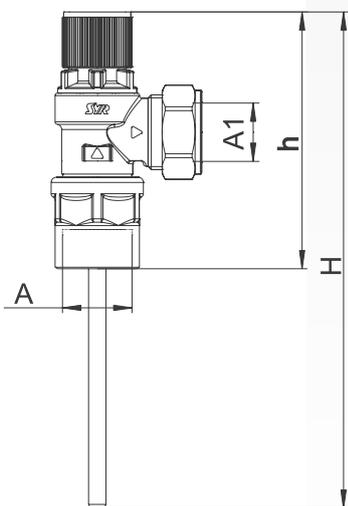
Technical specifications

Pressure	3 - 10 bar (settings on request)
Set temperature	93 - 98 °C
Fluid	potable water

		Order-No.	Price (€)	KG
P&T Valve 2303				
DN 15	3 bar, male thread	2303.15.053	21.85	1
	4 bar, male thread	2303.15.054	21.85	1
	6 bar, male thread	2303.15.056	21.85	1
	7 bar, male thread	2303.15.057	21.85	1
	8 bar, male thread	2303.15.058	21.85	1
	10 bar, male thread	2303.15.060	21.85	1
DN 20	3 bar, male thread	2303.20.053	23.30	1
	4 bar, male thread	2303.20.054	23.30	1
	6 bar, male thread	2303.20.056	23.30	1
	7 bar, male thread	2303.20.057	23.30	1
	8 bar, male thread	2303.20.058	23.30	1
	10 bar, male thread	2303.20.060	23.30	1
DN 25		2303.25.XXX	50.95	1
DN 32		2303.32.XXX	248.85	1
DN 40		2303.40.XXX	447.85	1
DN 50		2303.50.XXX	489.80	1

P&T Valve 2303 with 2nd connection

DN 20	2303.20.000	26.55	1
-------	-------------	-------	---



Dimensions 2303

(mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R 1/2"	3/4" female / male	1" female	1 1/4" female	1 1/2" female	2" female
A1	15 mm compr. fit.	22 mm compr. fit.	1 1/4" female	1 1/2" female	2" female	2 1/2" female
H	192.5	190	258	288	378	378
h	106.7	98	150	188	270.5	289.5

Safety Valves for potable water heaters



Drain Cock



Drain Cock
with additional
connection



Drain Cock
Long version

Drain Cock 6705

With the Drain Cock a vessel can easily be drained. It is equipped with a protection against over tightening and is made of high quality, brass alloy. The synthetic parts are made of thermoplastic.

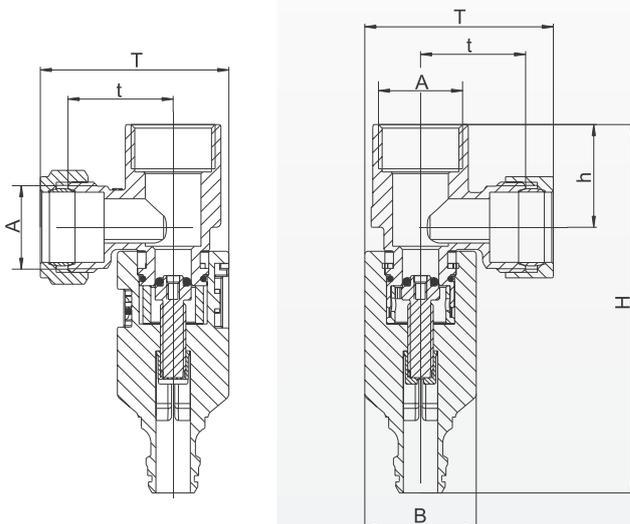
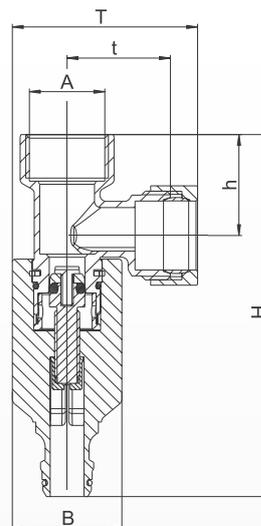
Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	95 °C
Flow rate	0.6 m ³ /h at Δp 0.1 bar
Mounting position	any

	Order-No.	Price (€)	KG
Drain Cock, DN 20	6705.20.000	12.15	1
Drain Cock, DN 20 with additional connection	6705.20.001	16.25	1
Drain Cock, DN 20 long version	6705.20.005	15.70	1

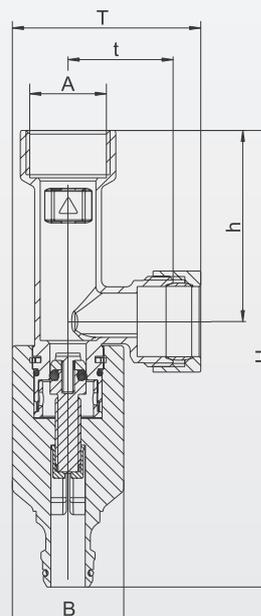
Drain Cock 6705

Dimensions (mm)	Nominal size DN 20
A	R 3/4"
H	117
h	32.5
T	59
t	33
B	35



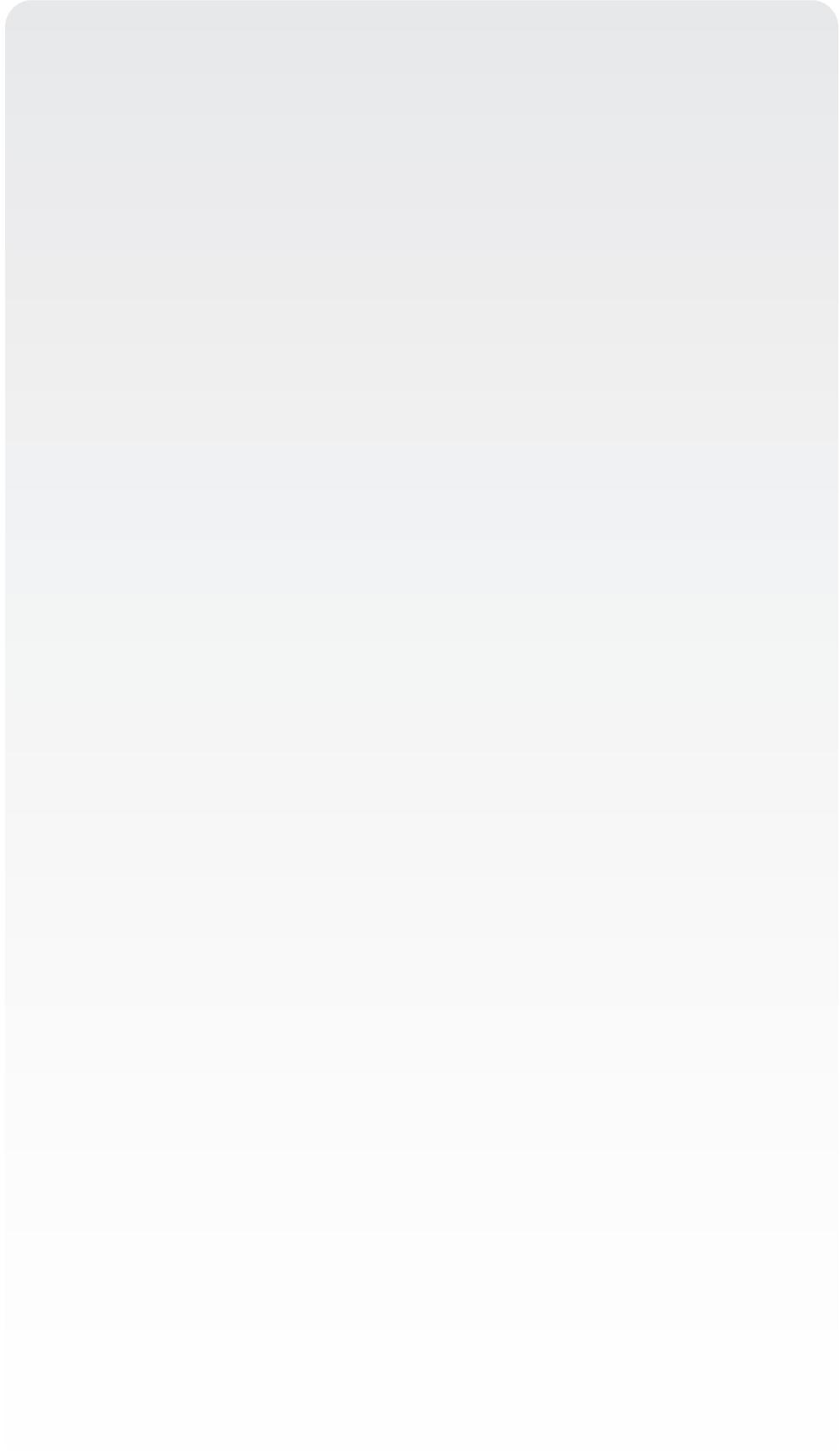
Dimensions (mm)	Nominal size DN 20
A	R 3/4"
H	117
h	32.5
T	59
t	33
B	35

Dimensions (mm)	Nominal size DN 20
A	R 3/4"
H	145
h	60.5
T	59
t	33
B	35



5

Safety Valves for potable water heaters





Water treatment for heating systems

All-in-One+ Connect, fully automatic, internet based filling centre for heating systems:	
HWE (Water softening)	
HVE (Demineralization)	
HVE Plus (Demineralization with pH stabilization)	136
ConnectionCenter 3200 for cartridge system:	
HWE (Water softening)	
HVE (Demineralization)	
HVE Plus (Demineralization with pH stabilization)	138
ConnectionCenter 3228 All-in-One:	
HWE (Water softening)	
HVE (Demineralization)	
HVE Plus (Demineralization with pH stabilization)	140
HVE plus compact station	142
Mobile filling station MOBIFILL 3200	144
HSK 1 / HSK 2 Heating protection concentrates	146
Canister pump 3220 with filling set	146
Analysis methods	147

Water treatment for heating systems



Integrated WiFi

ConnectingCenter All-in-One+ for cartridge system

The All-in-One+ Connect is an all-rounder: with fully automatic heating monitoring and filling, conductivity measurement and leakage protection for the heating system. The All-in-One+ Connect has integrated WiFi and can be controlled and monitored with the SYR App via smartphone and tablet or via PC. The All-in-One+ Connect Connection Center is installed on the heating system and the required cartridge is simply screwed on. The entire filling process runs fully automatically. If the capacity is exhausted, the cartridges can be refilled with replacement resin. **For heating water treatment with the SYR cartridge system, it is essential to order the connection set (Order No. 3228.00.001).**

Examples of calculation on page 138

- Integrated WiFi
- Management and control possible via SYR App
- In online mode notifications via e-mail
- Integrated backflow preventer BA
- Leakage protection
- Electronic pressure monitoring and pressure reducer
- Conductivity sensor
- Blending valve
- Continuous monitoring of the filling water quality
- Motor-driven shut-off for the automatic interruption of the filling procedure for exhausted cartridge
- Digital display, shows among other things the remaining capacity of the cartridge.

Technical specifications

Max. operating pressure	
Backflow preventer BA	10 bar
Max. operating temperature	30 °C (inlet), 65 °C (outlet)
Outlet pressure	1 - 5 bar (pre-set to 1.8 bar)
Fluid	potable water
Filling capacity	0.5 m ³ /h (0.3 m ³ /h with 2.5l-cartridge)
Voltage power pack	12V DC
Batteries	1 x 9V Block (6LR61)
Mounting position	main axis horizontal

	Order-No.	Price (€)	KG
ConnectingCenter All-in-One+ Connect	3228.15.015	844.90	2

Softening cartridge (HWE)

Capacity	2.5 litre	9.100 l/°dH
	4 litre	14.560 l/°dH
	7 litre	25.480 l/°dH
	14 litre	50.960 l/°dH
	30 litre	109.200 l/°dH

Demineralization cartridge (HVE)

Capacity	2.5 litre	3.125 l/°dH
	4 litre	5.000 l/°dH
	7 litre	8.750 l/°dH
	14 litre	17.500 l/°dH
	30 litre	37.500 l/°dH

Demineralization cartridge with pH-value stabilization (HVE Plus)

Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH
	30 litre	27.850 l/°dH

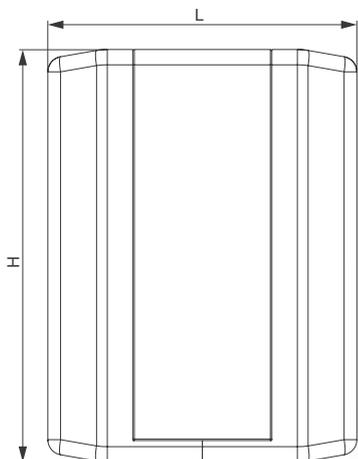
	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.021	160.95	2
4l-Cartridge	3200.00.001	234.70	2
7l-Cartridge	3200.00.003	306.80	2
14l-Cartridge	3200.00.004	574.75	2
30l-Cartridge	3200.00.018	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.022	160.95	2
4l-Cartridge	3200.00.011	234.70	2
7l-Cartridge	3200.00.013	306.80	2
14l-Cartridge	3200.00.014	574.75	2
30l-Cartridge	3200.00.017	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.023	160.95	2
4l-Cartridge	3200.00.015	234.70	2
7l-Cartridge	3200.00.005	306.80	2
14l-Cartridge	3200.00.006	574.75	2
30l-Cartridge	3200.00.016	1,133.00	2

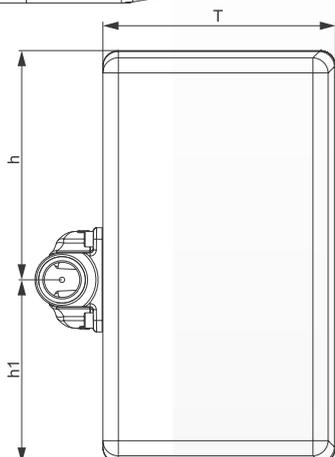


ConnectingCenter All-in-one+ Connect for cartridge system

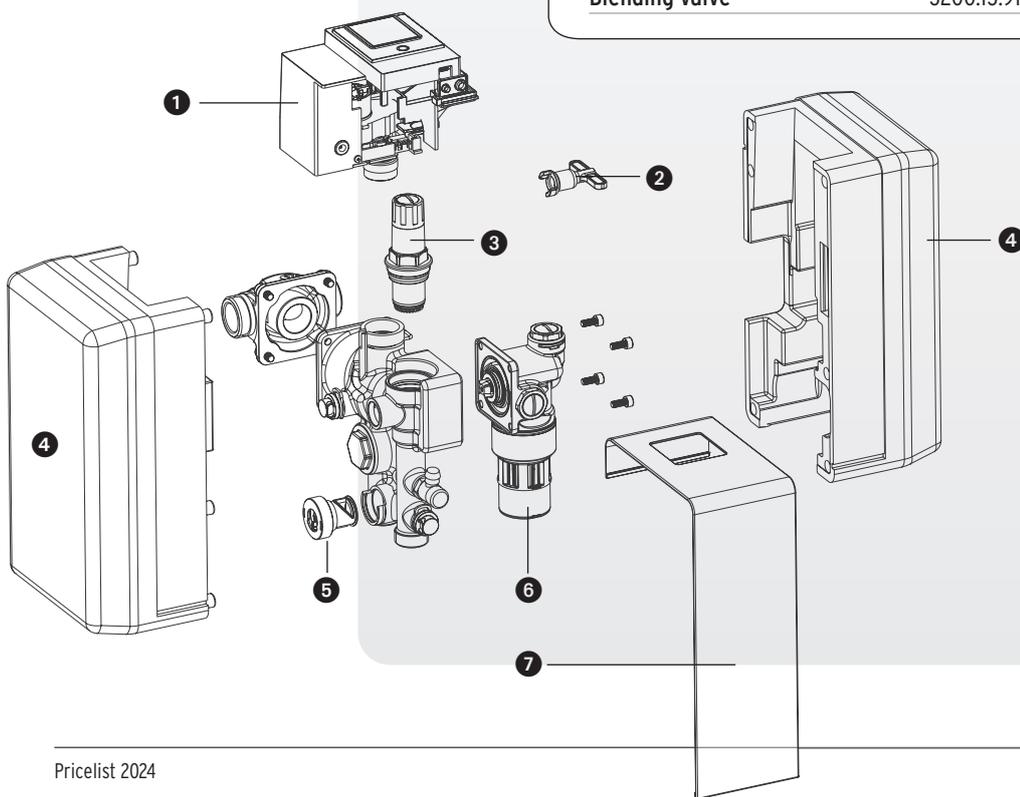


**Dimensions (mm)
DN 15**

L	200
H	269
T	150.5
h1	119.5
h	149.5



- 1 Controller complete
- 2 Emergency key
- 3 Pressure reducing cartridge
- 4 Insulation
- 5 Blending valve
- 6 Backflow preventer
- 7 Shell



Accessories	Order-No.	Price (€)	KG	
Connection set				
mandatory for water treatment	3228.00.001	150.90	2	
Calibration solution (25 items)				
for conductivity meter	3200.00.909	74.20	2	
Calibration solution (5 items)				
for pH-measurement device	3200.00.936	43.30	2	
pH-measurement device	3200.00.918	63.80	2	
Spare parts				
Refill resin	2.5 litre	3200.00.942	65.50	2
HWE	4 litre	3200.00.904	82.00	2
	7 litre	3200.00.906	133.50	2
	10 litre	3200.00.937	181.50	2
	14 litre	2 x 7 litre		
	30 litre	3 x 10 litre		
Refill resin	2.5 litre	3200.00.943	65.50	2
HVE	4 litre	3200.00.914	82.00	2
	7 litre	3200.00.916	133.50	2
	10 litre	3200.00.938	181.50	2
	14 litre	2 x 7 litre		
	30 litre	3 x 10 litre		
Refill resin	2.5 litre	3200.00.944	65.50	2
HVE Plus	4 litre	3200.00.927	82.00	2
	7 litre	3200.00.926	133.50	2
	10 litre	3200.00.939	181.50	2
	14 litre	2 x 7 litre		
	30 litre	3 x 10 litre		
Label Water Treatment for heating systems	3200.00.925	21.90	2	
Sealing-Kit	3228.00.911	8.15	2	
Pressure reducing cartridge	0312.15.900	67.15	1	
Hardness tester	3000.00.913	67.20	2	
Power plug	1500.01.915	39.00	2	
Test valves (3 units)	6625.15.902	15.55	1	
Backflow preventer	6625.15.900	145.40	1	
Controller complete	3228.00.910	367.75	2	
Blending valve	3200.15.914	17.90	2	

Water treatment for heating systems

Example of calculation HWE 4 l

$$\frac{\text{Capacity}}{\text{Hardness difference (Initial raw water hardness)}} = \frac{14.560 \text{ litre}}{(20 \text{ °dH} - 8 \text{ °dH}) 12 \text{ °dH}} = 1213 \text{ litre}$$

Example of calculation HVE 4 l

$$\frac{\text{Capacity}}{\text{Total hardness}} = \frac{5.000 \text{ litre}}{20 \text{ °dH}} = 250 \text{ litre}$$

Example of calculation HVE Plus 4 l

$$\frac{\text{Capacity}}{\text{Total hardness}} = \frac{3.500 \text{ litre}}{20 \text{ °dH}} = 175 \text{ litre}$$

ConnectionCenter 3200 for cartridge system

The ConnectionCenter 3200 with digital capacity control is designed as universal valve for cartridges for water softening in **heating systems (HWE)**, **full demineralization of heating water (HVE)** or **full demineralization of heating water with pH-stabilization (HVE Plus)**. Simply connect the required cartridge to the ConnectionCenter and fit the latter to the heating system. When the cartridges are empty, they will be refilled with the corresponding exchange granulates. Available cartridge sizes: 2.5, 4, 7, 14 and 30 litres.

Technical specifications ConnectionCenter 3200

Max. operating pressure	6 bar
Max. operating temperature	30 °C
Fluid	potable water
Filling capacity	0.5 m³/h
Mounting position	main axis horizontal
Connection size	DN 15

	Order-No.	Price (€)	KG
ConnectionCenter 3200	3200.15.026	342.60	2



Product movie



Softening cartridge (HWE)

Capacity	2.5 litre	9.100 l/°dH
	4 litre	14.560 l/°dH
	7 litre	25.480 l/°dH
	14 litre	50.960 l/°dH
	30 litre	109.200 l/°dH

Demineralization cartridge (HVE)

Capacity	2.5 litre	3.125 l/°dH
	4 litre	5.000 l/°dH
	7 litre	8.750 l/°dH
	14 litre	17.500 l/°dH
	30 litre	37.500 l/°dH

Demineralization cartridge with pH-value stabilization (HVE Plus)

Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH
	30 litre	27.850 l/°dH

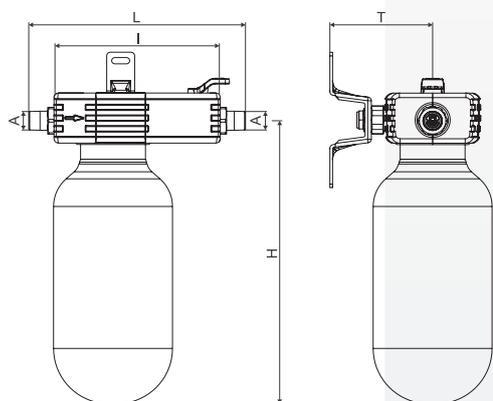
	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.021	160.95	2
4l-Cartridge	3200.00.001	234.70	2
7l-Cartridge	3200.00.003	306.80	2
14l-Cartridge	3200.00.004	574.75	2
30l-Cartridge	3200.00.018	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.022	160.95	2
4l-Cartridge	3200.00.011	234.70	2
7l-Cartridge	3200.00.013	306.80	2
14l-Cartridge	3200.00.014	574.75	2
30l-Cartridge	3200.00.017	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.023	160.95	2
4l-Cartridge	3200.00.015	234.70	2
7l-Cartridge	3200.00.005	306.80	2
14l-Cartridge	3200.00.006	574.75	2
30l-Cartridge	3200.00.016	1,133.00	2



ConnectionCenter 3200 for cartridge system



Dimensions Nominal size (mm) DN 15

A	R ¾"
L	240.5
I	184.5
H	280 (2.5 litre) 390 (4 litre) 580 (7 litre) 1.070 (14 litre) 934 (30 litre)
T	90 - 105

Accessories	Order-No.	Price (€)	KG
Conductivity meter HVE	3200.15.905	175.95	2
Calibration solution (25 items) for conductivity meter	3200.00.909	74.20	2
pH-measurement device	3200.00.918	63.80	2
Calibration solution (5 items) for pH-measurement device	3200.00.936	43.30	2
BA FillingCombi	6628.20.008	422.40	2
Union for the connection of the FillingCombi BAplus 6628	0805.20.902	17.00	2
Spare parts			
Digital capacity control	3200.00.969	196.15	2
Hardness tester (hardness measurement device)	3000.00.937	49.00	2
Adapter for 14- and 30-litre cartridge	3200.00.910	95.05	2
Cartridge HWE	2.5 litre 3200.00.021 4 litre 3200.00.001 (filled) 7 litre 3200.00.003 14 litre 3200.00.004 30 litre 3200.00.018	160.95 234.70 306.80 574.75 1,133.00	2 2 2 2 2
Cartridge HVE	2.5 litre 3200.00.022 4 litre 3200.00.011 (filled) 7 litre 3200.00.013 14 litre 3200.00.014 30 litre 3200.00.017	160.95 234.70 306.80 574.75 1,133.00	2 2 2 2 2
Cartridge HVE Plus	2.5 litre 3200.00.023 4 litre 3200.00.015 (filled) 7 litre 3200.00.005 14 litre 3200.00.006 30 litre 3200.00.016	160.95 234.70 306.80 574.75 1,133.00	2 2 2 2 2
Refill resin	2.5 litre 3200.00.942 4 litre 3200.00.904	65.50 82.00	2 2
HWE	7 litre 3200.00.906 10 litre 3200.00.937 14 litre 2 x 7 litre 30 litre 3 x 10 litre	133.50 181.50	2 2
Refill resin	2.5 litre 3200.00.943 4 litre 3200.00.914	65.50 82.00	2 2
HVE	7 litre 3200.00.916 10 litre 3200.00.938 14 litre 2 x 7 litre 30 litre 3 x 10 litre	133.50 181.50	2 2
Refill resin	2.5 litre 3200.00.944 4 litre 3200.00.927	65.50 82.00	2 2
HVE Plus	7 litre 3200.00.926 10 litre 3200.00.939 14 litre 2 x 7 litre 30 litre 3 x 10 litre	133.50 181.50	2 2
Label pad Water treatment for heating systems	3200.00.925	21.90	2
Hose set	3200.00.941	29.15	2
Wall bracket	7500.00.901	41.60	1

Water treatment for heating systems



ConnectionCenter 3228 All-in-One for cartridge system

SYR's ConnectionCenter 3200 All-in-One includes everything you need when filling your installation in accordance with rules and standards: a BA Backflow Preventer (compulsory according to EN 1717), stop valves, a pressure reducing valve, a blending system and a conductivity sensor (optional). The new device works with the proven cartridge system - unvented heating installations can be filled either with softened or fully demineralized water. Simply connect the required cartridge to the ConnectionCenter 3200 All-in-One and fit the latter to the heating system. When depleted, the cartridges can be refilled with exchange resin.

- Compact installation dimension
- In- and outlet isolating valves
- Digital capacity control
- Integrated backflow preventer BA
- Pressure reducing valve
- Blending valve
- Conductivity meter as accessory
- Double pressure gauge
- Wall bracket
- Cartridge system

Examples of calculation on page 138

Technical specifications

Max. operating pressure	6 bar
Max. operating temperature	30 °C (inlet), 65 °C (outlet)
Fluid	potable water
Outlet pressure	1 - 5 bar
Filling capacity	0.5 m³/h (0.3 m³/h with 2.5l-cartridge)
Mounting position	main axis horizontal
Connection size	DN 15

	Order-No.	Price (€)	KG
ConnectionCenter 3228 All-in-One	3228.15.026	582.55	2



Softening cartridge (HWE)

Capacity	2.5 litre	9.100 l/°dH
	4 litre	14.560 l/°dH
	7 litre	25.480 l/°dH
	14 litre	50.960 l/°dH
	30 litre	109.200 l/°dH

Demineralization cartridge (HVE)

Capacity	2.5 litre	3.125 l/°dH
	4 litre	5.000 l/°dH
	7 litre	8.750 l/°dH
	14 litre	17.500 l/°dH
	30 litre	37.500 l/°dH

Demineralization cartridge with pH-value stabilization (HVE Plus)

Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH
	30 litre	27.850 l/°dH

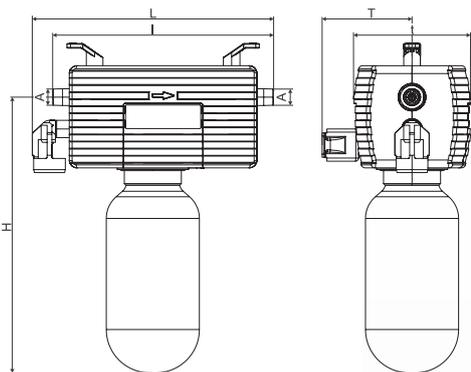
	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.021	160.95	2
4l-Cartridge	3200.00.001	234.70	2
7l-Cartridge	3200.00.003	306.80	2
14l-Cartridge	3200.00.004	574.75	2
30l-Cartridge	3200.00.018	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.022	160.95	2
4l-Cartridge	3200.00.011	234.70	2
7l-Cartridge	3200.00.013	306.80	2
14l-Cartridge	3200.00.014	574.75	2
30l-Cartridge	3200.00.017	1,133.00	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.023	160.95	2
4l-Cartridge	3200.00.015	234.70	2
7l-Cartridge	3200.00.005	306.80	2
14l-Cartridge	3200.00.006	574.75	2
30l-Cartridge	3200.00.016	1,133.00	2



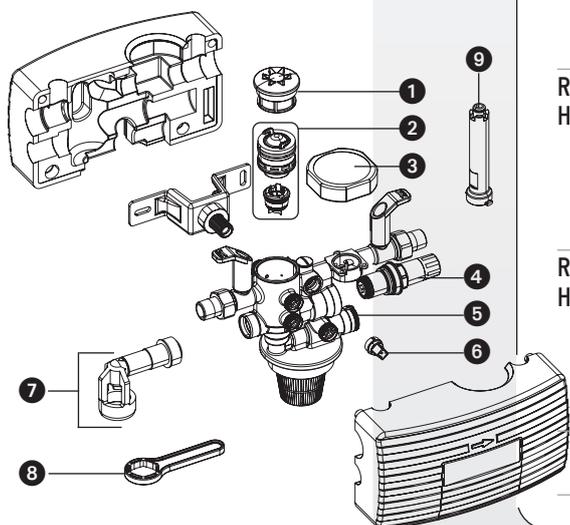
ConnectionCenter 3228 All-in-one for cartridge system



Dimensions (mm) DN 15

L	305 - 327
I	279
H	347 (2.5 litre)
	457 (4 litre)
	647 (7 litre)
	1.137 (14 litre)
	1.000 (30 litre)
T	91 - 113.5
t	148

- 1 Plug
- 2 Backflow preventer cartridge
- 3 Digital capacity control
- 4 Pressure reducing cartridge
- 5 Blending valve, complete
- 6 Conductivity measurement cartr.
- 7 Tundish, complete
- 8 Ring spanner
- 9 Maintenance tool



Accessories	Order-No.	Price (€)	KG
Plug	3228.00.903	3.25	2
Backflow preventer cartridge	6600.00.974	136.00	2
Digital capacity control	3228.00.905	197.90	2
Pressure reducing cartridge	0315.15.900	72.80	2
Blending valve, complete	3200.15.914	17.90	2
Tundish, complete	3228.00.901	7.20	2
Pressure sensor	3228.00.904	75.95	2
Ring spanner	4807.00.906	25.10	2
Maintenance tool	6600.00.970	33.80	1
Conductivity meter cartridge	3228.00.900	38.85	2
Calibration solution (25 items) for conductivity meter	3200.00.909	74.20	2
pH-measurement device	3200.00.918	63.80	2
Calibration solution (5 items) for pH-measurement device	3200.00.936	43.30	2
Spare parts			
Hardness tester (hardness measurement device)	3000.00.913	67.20	2
Adapter for 14- and 30-litre cartridge	3200.00.910	95.05	2
Cartridge HWE	2.5 litre 3200.00.021	160.95	2
(filled)	4 litre 3200.00.001	234.70	2
	7 litre 3200.00.003	306.80	2
	14 litre 3200.00.004	574.75	2
	30 litre 3200.00.018	1,133.00	2
Cartridge HVE	2.5 litre 3200.00.022	160.95	2
(filled)	4 litre 3200.00.011	234.70	2
	7 litre 3200.00.013	306.80	2
	14 litre 3200.00.014	574.75	2
	30 litre 3200.00.017	1,133.00	2
Cartridge HVE Plus	2.5 litre 3200.00.023	160.95	2
(filled)	4 litre 3200.00.015	234.70	2
	7 litre 3200.00.005	306.80	2
	14 litre 3200.00.006	574.75	2
	30 litre 3200.00.016	1,133.00	2
Refill resin	2.5 litre 3200.00.942	65.50	2
HWE	4 litre 3200.00.904	82.00	2
	7 litre 3200.00.906	133.50	2
	10 litre 3200.00.937	181.50	2
	14 litre 2 x 7 litre		
	30 litre 3 x 10 litre		
Refill resin	2.5 litre 3200.00.943	65.50	2
HVE	4 litre 3200.00.914	82.00	2
	7 litre 3200.00.916	133.50	2
	10 litre 3200.00.938	181.50	2
	14 litre 2 x 7 litre		
	30 litre 3 x 10 litre		
Refill resin	2.5 litre 3200.00.944	65.50	2
HVE Plus	4 litre 3200.00.927	82.00	2
	7 litre 3200.00.926	133.50	2
	10 litre 3200.00.939	181.50	2
	14 litre 2 x 7 litre		
	30 litre 3 x 10 litre		
Label Water Treatment for heating systems	3200.00.925	21.90	2



HVE plus compact station

The HVE Plus compact station for refill and make-up water offers a filling speed of five litres per minute with a high basic capacity. The HVE Plus compact station has many proved SYR components: STBA 600 with easy replacement of the backflow preventer cartridge, pressure reducer, digital capacity control with illuminated display, conductivity measuring unit, upstream and downstream shut-offs. The station is supplied with a 2.5 litre cartridge with HVE Plus resin for full demineralization with pH stabilization. The digital capacity control indicates the remaining value of the cartridge. When the cartridge is used up, it is refilled with replacement resin. A change of flow direction can be realized without any problems by simply converting the wall mounting side and the FillingCombi BA.

Technical specifications

Max. operating pressure	6 bar
Max. operating temperature	30 °C (inlet), 65 °C (outlet)
Fluid	potable water
Outlet pressure	1 - 5 bar
Filling capacity	0.3 m³/h with 2.5l-cartridge
Mounting position	main axis vertical
Connection size	DN 15

	Order-No.	Price (€)	KG
HVE plus compact station	3200.15.012	516.15	2

Example of calculation HVE Plus 2.5 litre

$$\frac{\text{Capacity}}{\text{Total hardness}} = \frac{2.185 \text{ litre}}{20 \text{ °dH}} = 109 \text{ litre}$$

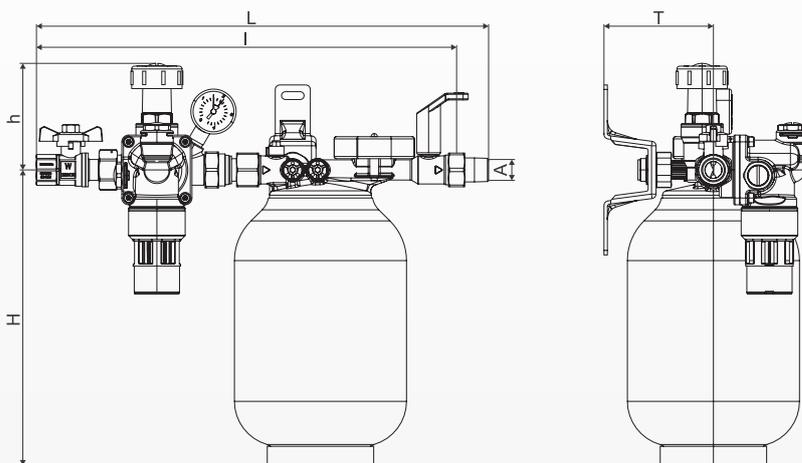
- Stop valves upstream and downstream
- Digital capacity control with illuminated display
- Conductivity sensor
- Backflow preventer STBA with easy maintenance function
- Pressure reducing valve
- Wall bracket
- 2.5 litre HVE plus cartridge for fully demineralization and pH stabilization included in delivery

HVE plus compact station

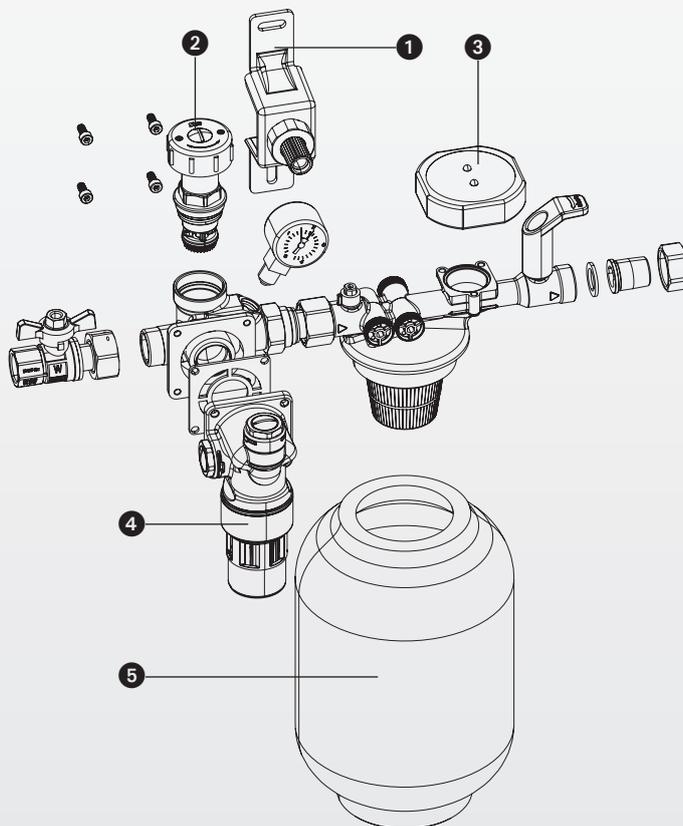
Spare parts	Order-No.	Price (€)	KG
Refill resin HVE plus, 2.5 litre	3200.00.944	65.50	2
Digital capacity control	3200.00.969	196.15	2
Pressure reducing cartridge	6625.15.901	90.45	2
Cartridge HVE plus, 2.5 litre	3200.00.023	160.95	2
Backflow preventer cartridge	6625.15.900	145.40	2
Wall bracket	7500.00.901	41.60	2

Dimensions (mm) DN 15

A	R1/2"
L	399.5
I	373.5
H	263
T	95 - 110



- 1 Wall bracket
- 2 Pressure reducing cartridge
- 3 Digital capacity control
- 4 Backflow preventer cartridge
- 5 HVE Plus cartridge, 2.5 litre





Mobile filling station MOBIFILL 3200

The SYR filling station MOBIFILL makes mobile heating water treatment uncomplicated and inexpensive. Simply connect the required cartridge for heating water softening (HWE), heating water complete demineralization (HVE), or heating water complete demineralization with pH value stabilization (HVE Plus). The digital capacity control shows the remaining value of the cartridge. When the cartridge is used up, it is refilled with replacement granulate. Cartridges are available in 2.5, 4 and 7 litre sizes. Please order cartridges separately.

Examples of calculation on page 138

Technical Data

Max. operating pressure	6 bar
Max. inlet temperature	30 °C (inlet; 65 °C (outlet))
Fluid	potable water
Max. flow rate	0.5 m ³ /h (0.3 m ³ /h with 2.5l-cartridge)

	Order-No.	Price (€)	KG
Mobile filling station MOBIFILL 3200	3200.00.040	325.50	2

- Practical carrying tray for easy handling
- Digital capacity control
- Flexible connecting hoses
- Filling hoses included in delivery

Softening cartridge (HWE)

Capacity	2.5 litre	9.100 l/°dH
	4 litre	14.560 l/°dH
	7 litre	25.480 l/°dH
	14 litre	50.960 l/°dH

Demineralization cartridge (HVE)

Capacity	2.5 litre	3.125 l/°dH
	4 litre	5.000 l/°dH
	7 litre	8.750 l/°dH
	14 litre	17.500 l/°dH

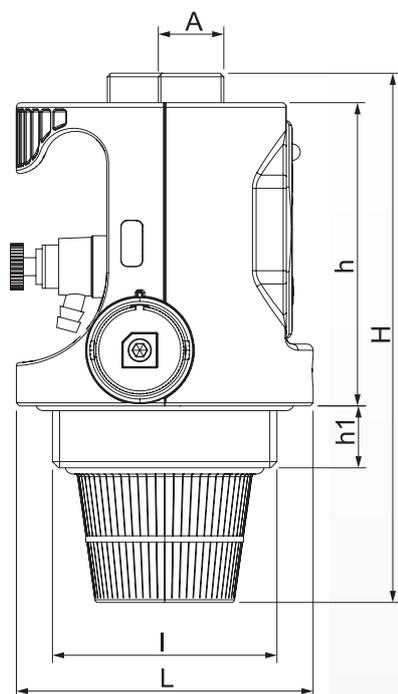
Demineralization cartridge with pH-value stabilization (HVE Plus)

Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.021	160.95	2
4l-Cartridge	3200.00.001	234.70	2
7l-Cartridge	3200.00.003	306.80	2
14l-Cartridge	3200.00.004	574.75	2

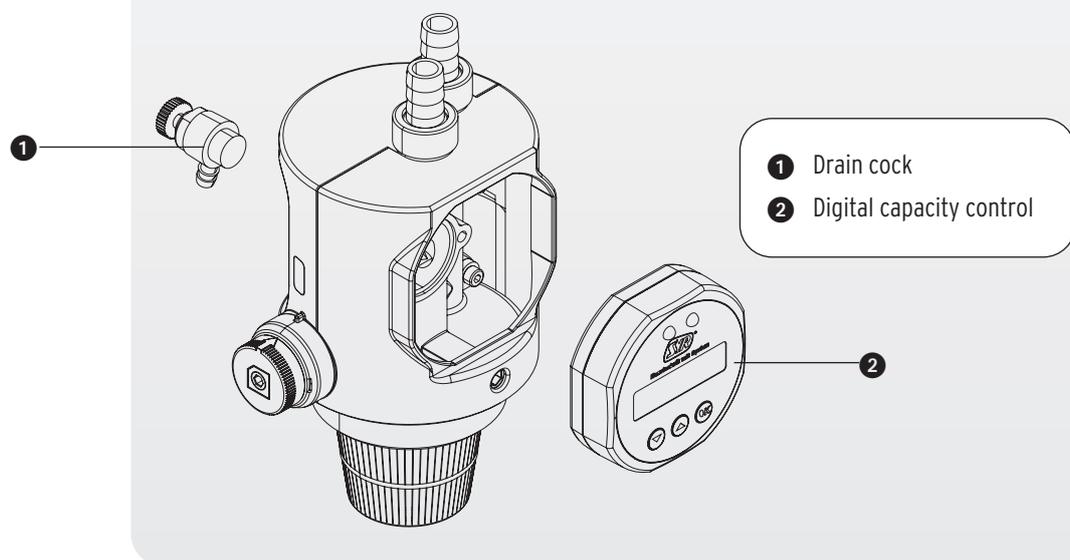
	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.022	160.95	2
4l-Cartridge	3200.00.011	234.70	2
7l-Cartridge	3200.00.013	306.80	2
14l-Cartridge	3200.00.014	574.75	2

	Order-No.	Price (€)	KG
2.5l-Cartridge	3200.00.023	160.95	2
4l-Cartridge	3200.00.015	234.70	2
7l-Cartridge	3200.00.005	306.80	2
14l-Cartridge	3200.00.006	574.75	2



Dimensions (mm)	
A	6 1/2"
H	198
h	171
h1	20
L	2 1/2"
I	95

Accessories	Order-No.	Price (€)	KG	
Backflow Preventer STBA 200	6625.15.002	224.60	1	
Calibration solution (25 items) for conductivity meter	3200.00.909	74.20	2	
Calibration solution (5 items) for pH-measurement device	3200.00.936	43.30	2	
Conductivity meter HVE	3200.15.905	175.95	2	
pH-measurement device	3200.00.918	63.80	2	
Spare parts				
Hardness tester (hardness measurement device)	3000.00.913	67.20	2	
Refill resin	2.5 litre	3200.00.942	65.50	2
HWE	4 litre	3200.00.904	82.00	2
	7 litre	3200.00.906	133.50	2
Refill resin	2.5 litre	3200.00.943	65.50	2
HVE	4 litre	3200.00.914	82.00	2
	7 litre	3200.00.916	133.50	2
Refill resin	2.5 litre	3200.00.944	65.50	2
HVE Plus	4 litre	3200.00.927	82.00	2
	7 litre	3200.00.926	133.50	2
Label Water Treatment for heating systems	3200.00.925	21.90	2	
Digital capacity control	3200.00.969	196.15	2	
Drain plug	2315.00.920	20.30	1	



Water treatment for heating systems

HSK 1

- Use with untreated or softened water as corrosion protection and for hardness stabilization
- Increasing the pH value
- Perfect for heating systems in existing buildings or for new filling after cleaning the system

HSK 2

- Use with demineralized water for protection against corrosion
- The conductivity is maintained the pH value is increased
- Cost- and time-saving: no further treatment necessary
- Perfect for first fillings



Mounting note:

The injection valve is designed for connections from DN20 to DN32. Don't forget to order the suitable screw connection set.

HSK 1 and HSK 2 Heating protection concentrates

New systems: Addition of HSK 2 heating protection concentrate as corrosion protection in a dosage of 0.5 percent for the initial filling of the heating system with fully demineralized water. Corrosion is permanently prevented and the pH value is stabilized reliably. The conductivity remains almost unchanged.

Existing systems: Addition of HSK 1 heating protection concentrate as corrosion protection and for hardness stabilization. HSK 1 increases the pH value and is used for untreated, softened or low-salt heating water (≤ 20 °dH). If the specifications of VDI 2035 for the heating water cannot be fulfilled, the HSK 1 additive should also be used. In addition, the installation of a heating filter like the HF 3415 is recommended as a preventive measure.

Protection concentrates	Order-No.	Price (€)	KG	
HSK 1	5-litre canister	3220.00.013	232.65	2
	10-litre canister	3220.00.014	416.55	2
HSK 2	5-litre canister	3220.00.015	232.65	2
	10-litre canister	3220.00.016	416.55	2

Canister pump 3220 with filling set

Technical Data

Max. operating pressure	5 bar
Max. inlet temperature	30 °C
Max. ambient temperature	40 °C
Fluid	Inhibitors, non-adhesive liquids (not suitable for sealants)
Electricity supply	230V / 50Hz
Protection class	IP64
Max. delivery rate	100 l/h

	Order-No.	Price (€)	KG
Canister pump 3220	3220.00.012	729.65	2

Screw connection set	Order-No.	Price (€)	KG
DN 20	0805.20.000	21.30	2
DN 25	0805.25.000	29.55	2
DN 32	0805.32.000	38.70	2

Analysis methods for perfect heating water

We offer different test methods depending on the desired value and requirement. Important to know: At least once a year the quality of the heating water should be tested. The VDI 2035 prescribes that all measurement results are to be documented and recorded in a system logbook.



Two vials, each with an integrated steel plate (one with HSK 1). If the water filled in has corrosive properties, it will turn rusty brown in the bottle without HSK 1 additive after two days.

	Order-No.	Price (€)	KG
Corrosion quick test HSK 1	3200.00.025	37.50	2



Simple hardness measuring set for total hardness and carbonate hardness, in two different versions.

	Order-No.	Price (€)	KG
Measure water hardness compl.	3000.00.913	67.20	2
Measure water hardness mini	3000.00.937	49.00	2



For measuring of the electrical conductivity when filling with demineralized water or checking during operation (measurement results directly in μs).

	Order-No.	Price (€)	KG
Conductivity meter	3200.15.905	175.95	2

pH meter with two-point measurement pH 7/10 for fast, VDI-compliant measurement of the pH value.

	Order-No.	Price (€)	KG
pH measuring device	3200.00.918	63.80	2



All in one: pH meter with two-point measurement pH 7/10, calibration/buffer solutions pH 7.01 and 10.01; conductivity meter (results in μs , with calibration solution); hardness measuring set for total hardness and carbonate hardness.

	Order-No.	Price (€)	KG
SYR analysis case	3200.00.010	735.35	3







Heating valves

Backwash Heating Filter HF 3415	150
Backwash Heating Filter HF 3425 compact	152
FillingCombi BA 6628 Plus	154
FillingCombi CA 6828 plus	156
Backflow Preventer STBA 200 / 220	158
Backflow Preventer STBA 400 / 600	160
Pressure Relief Valve 1915 and 6115	162
Solar-Pressure Relief Valve 8115	164
Pressure Relief Valve 1917	166
Water Level Limiter 932	168
Water Level Limiter 933	170
Thermal Safety Valve 3065	172
Thermal Safety Valve 5067	174
Filling Group 2128	175
Air Vent 62	176

DESIGN PLUS

powered by: ISH



Product movie



- Vents, desludges and removes magnetite
- Ensures efficient operation and an extended service life of heating installations
- Reduces maintenance works
- Easy cleaning by backwashing

Backwash Heating Filter HF 3415

Designed for venting and desludging closed heating systems. The backwashable heating system filter with air separator is designed for heating circuits. In combination with the RSA 2316, the backwash process becomes fully automatic. With desludging and magnetic separation. **Do not forget to order the corresponding cross-type flange.**

Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	110 °C
Fluid	heating water
Minimum pressure for backwash	1.5 bar
Mounting position	main axis vertical
Flow rate	
DN 20 - DN 32	2.0 m³/h at Δp 0.1 bar
Kvs-value	
DN 20 - DN 32	8.5

	Order-No.	Price (€)	KG
Heating System Filter HF 3415	3415.00.000	363.55	1

Accessories	Order-No.	Price (€)	KG
Cross-type flange			
DN 20	3415.20.000	70.25	1
DN 25	3415.25.000	78.35	1
DN 32	3415.32.000	85.80	1

For use in larger buildings, the HF 3415 can be connected with a 2-way or 3-way manifold and the corresponding flange:

	Order-No.	Price (€)	KG
2-way manifold	3415.00.018	865.15	1
3-way manifold	3415.00.019	841.60	1
Flanges for manifold			
DN 32	2315.32.201	186.15	1
DN 40	2315.40.201	232.35	1
DN 50	2315.50.201	265.75	1
Blanking cap (Spare part)	2320.00.901	24.15	1

Spare parts

Air vent	3415.00.900	54.65	1
----------	-------------	-------	---

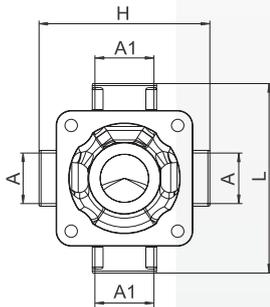
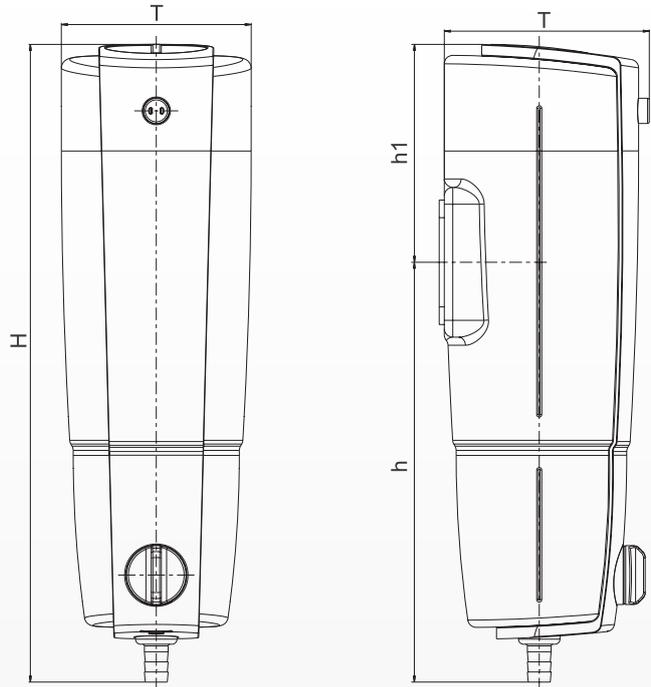
Technical specifications (manifolds)

Flow rate		
2-way-manifold	DN 32, 40, 50	3.75 m³/h at Δp 0.1 bar
3-way-manifold	DN 32	4.5 m³/h at Δp 0.1 bar
	DN 40	5.1 m³/h at Δp 0.1 bar
	DN 50	5.65 m³/h at Δp 0.1 bar
Kvs-value		
2-way-manifold	DN 32, 40, 50	14
3-way-manifold	DN 32	18.25
	DN 40	20
	DN 50	21.75



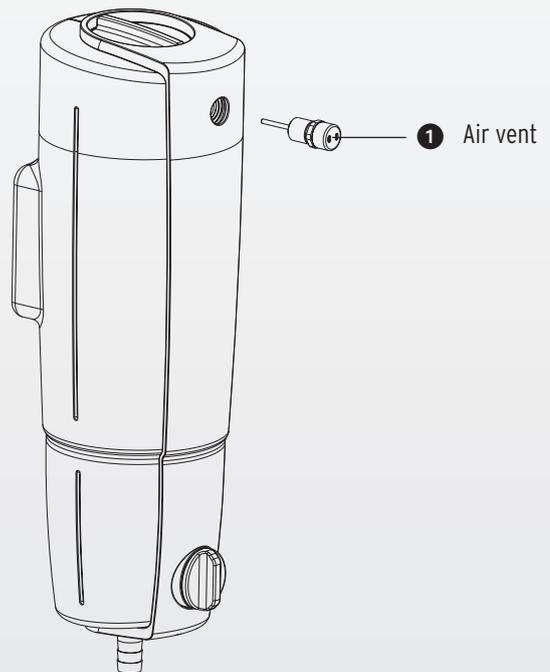
Backwash Heating Filter HF 3415

Dimensions (mm)	Nominal size
H	379
h	249.5
h1	129.5
B	112
T	121



Dimensions (mm)	Nominal size		
	DN 20	DN 25	DN 32
A	Rp 1/2"	Rp 1/2"	Rp 1/2"
A1	Rp 3/4"	Rp 1"	Rp 1 1/4"
L	95	100	108
H	85	85	85

A1 = Heating installation
 A = Fresh water connection
 (right or left)



7



Backwash Heating Filter HF 3425 compact

The HF 3425 compact backwash heating filter with magnetic separation is used to protect and maintain the longevity of heat generators, heating pumps, thermostatic valves and other fittings in the heating installation.

The backwashing process removes sludge from the heating installation. Magnetic sediments are collected on the magnetic rod and can be flushed out during backwashing process. The integrated, rotatable flange makes installation of the HF 3425 compact very easy.

Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	10 - 110 °C
Fluid	heating water
Minimum pressure for backwash	1.5 bar
Mounting position	main axis vertical
Flow rate	2.56 m ³ /h at Δp 0.1 bar 3.20 m ³ /h at Δp 0.15 bar 3.60 m ³ /h at Δp 0.18 bar
Kvs-value	8.0

	Order-No.	Price (€)	KG
Heating Filter HF 3425 compact	3425.25.000	227.85	1

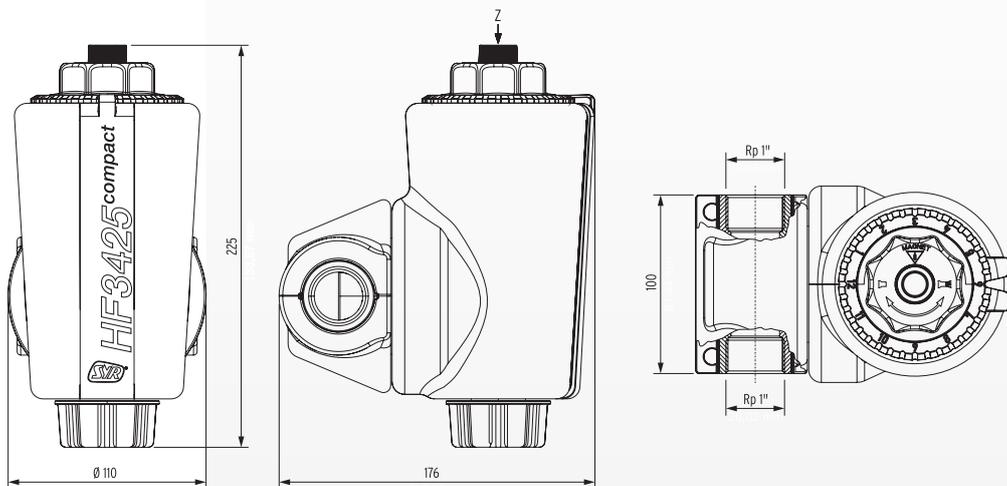
- Practical backwash and maintenance reminder
- Simple backwashing without replacing the filter element
- With desludging and magnetic separation
- Convenient mounting with integrated, rotatable flange

Backwash Heating Filter HF 3425 compact

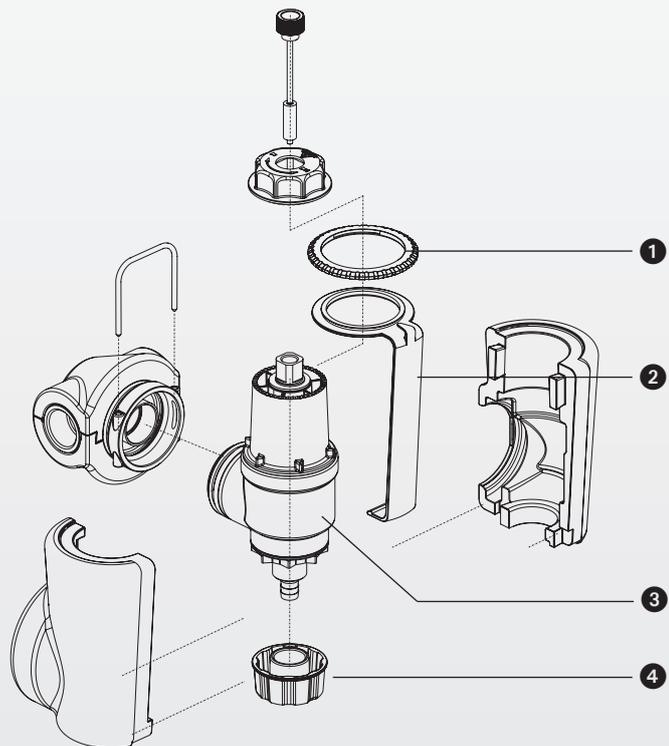
Accessories	Order-No.	Price (€) KG
Connection center 3200	3200.15.026	342.60 1
FillingCombi BA	6628.20.008	422.40 1

Spare parts

Bezel	3425.00.901	8.80 1
Bracket	3425.00.902	5.35 1
Cap with sealing	3425.00.903	21.45 1
Filter unit	3425.00.900	97.25 1



- ❶ Bezel
- ❷ Bracket
- ❸ Filter unit
- ❹ Cap with sealing



Heating valves



- Automatic filling of closed heating systems
- Innovative double pressure gauge
- In- and outlet ball valve
- Integrated pressure reducing valve
- Backflow preventer BA according to EN 1717
- Insulating cover
- Up to fluid category 4

FillingCombi BA 6628 Plus with double pressure gauge

The new FillingCombi is designed for the automatic filling of closed heating systems. Body made of hot-pressed brass. With a stop valve upstream and downstream, pressure reducing valve, innovative double pressure gauge for inlet and outlet pressure, backflow preventer BA according to EN 1717 up to and including fluid category 4. With screw connections on both sides and insulating cover.

Technical specifications

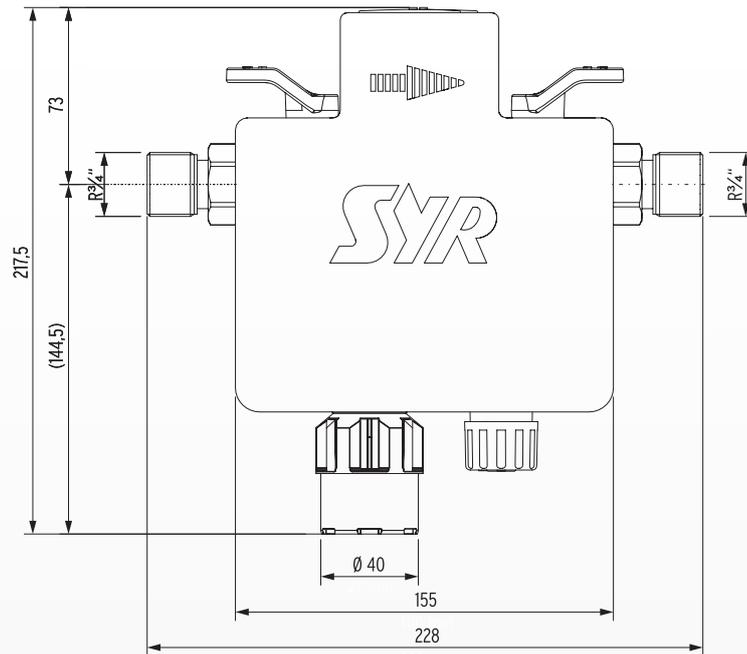
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet) / 65 °C (outlet)
Fluid	potable water
Filling capacity	1.5 m³/h at Δp 1.5 bar
Outlet pressure	1.5 - 6 bar (factory set: 1.5 bar)
Mounting position	horizontal, tundish facing downwards

	Order-No.	Price (€)	KG
BA 6628	6628.20.008	422.40	1

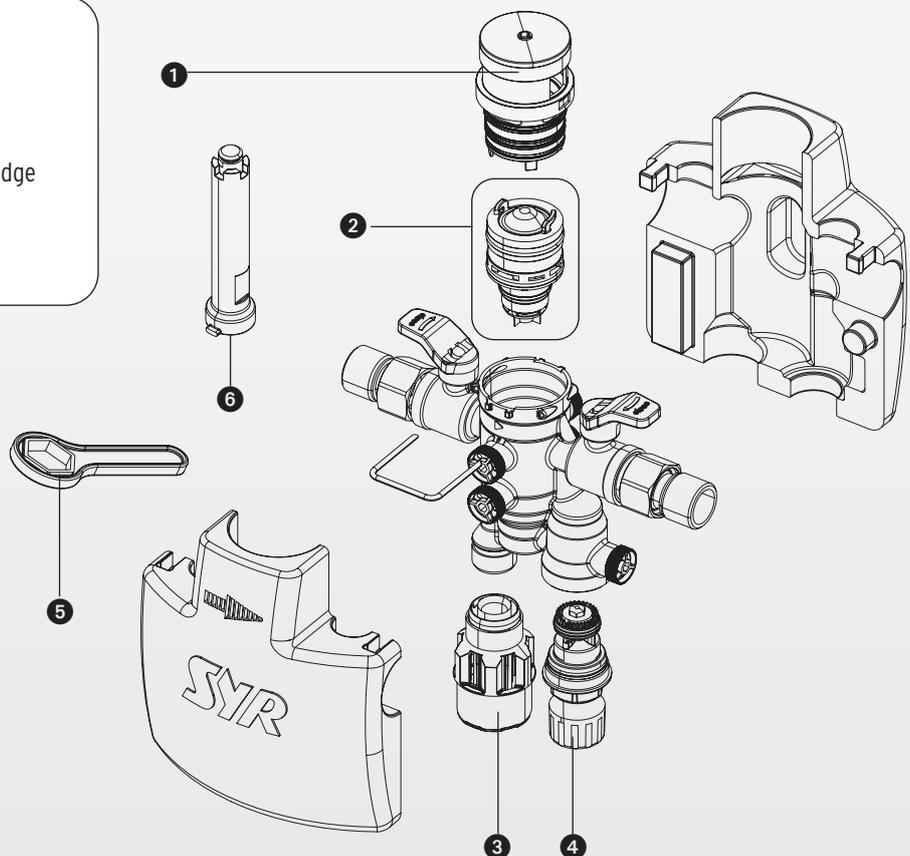
Accessories	Order-No.	Price (€)	KG
Maintenance key	6600.00.970	33.80	1
Ring spanner to mount the cap	4807.00.906	25.10	1

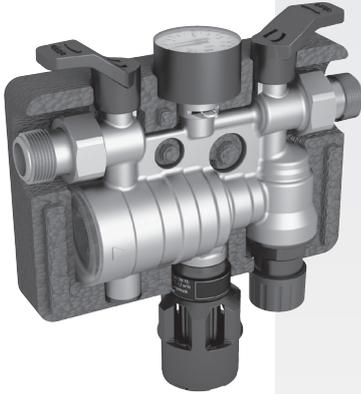
Spare parts	Order-No.	Price (€)	KG
BA cartridge	6600.00.974	136.00	1
Pressure reducing cartridge	0315.15.900	72.80	1
Double pressure gauge	3228.00.902	35.25	1
Tundish	6600.00.903	9.50	1

FillingCombi BA 6628 Plus with double pressure gauge



- ❶ Double pressure gauge
- ❷ Cartridge
- ❸ Tundish
- ❹ Pressure reducing cartridge
- ❺ Ring spanner
- ❻ Maintenance key





FillingCombi CA 6828 Plus

Designed for the automatic filling of closed heating systems. Body made of hot-pressed brass. Stop valves upstream and downstream, backflow preventer CA according to EN 1717 up to and including fluid category 3, pressure reducing valve and pressure gauge. With threaded unions on both sides and insulating cover.

Technical specifications

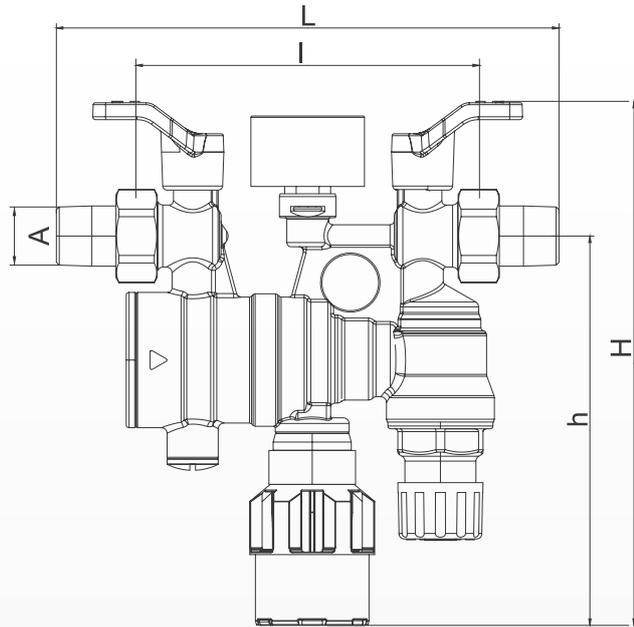
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet) / 65 °C (outlet)
Fluid	potable water
Filling capacity	1.2 m ³ /h at Δp 1.5 bar
Outlet pressure	1 - 5 bar (factory set: 1.5 bar)
Mounting position	horizontal, tundish facing downwards
Connection size	DN 15

	Order-No.	Price (€)	KG
FillingCombi CA 6828 DN 15	6828.15.005	243.30	1

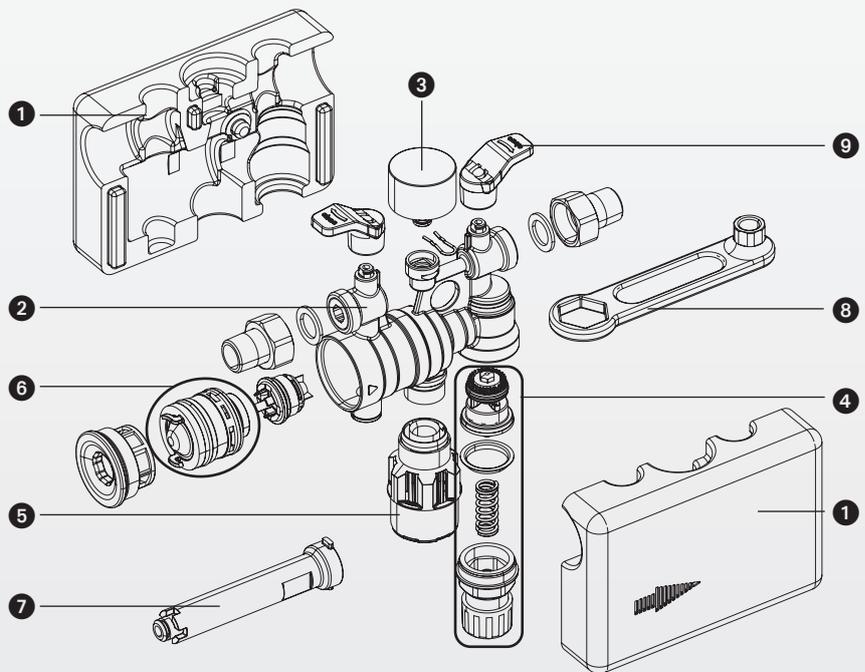
Accessories	Order-No.	Price (€)	KG
Maintenance key for PRV	6628.00.933	25.05	1
Maintenance key for RPZ	6600.00.970	33.80	1
Ring spanner	4807.00.906	25.10	1
Spare parts			
Pressure reducing cartridge	6629.00.905	98.25	1
Backflow preventer cartridge with maintenance key	6600.00.974	136.00	1
Isolating handle	6828.00.904	11.40	1
Pressure gauge	6828.00.905	22.40	1
Tundish	6629.00.900	9.50	1

**Dimensions
(mm)**

A	R 1/2"
H	200
h	95
h1	56.5
L	210
l	170



- 1 Insulating cover
- 2 Body
- 3 Pressure gauge
- 4 Pressure reducing cartridge
- 5 Tundish
- 6 Backflow preventer cartridge with mounting help
- 7 Mounting key for Backflow preventer
- 8 Mounting key for Pressure reducing cartridge
- 9 Isolating handle





STBA 200



STBA 220



Backflow Preventer STBA 200 / 220

Designed for the protection of potable water against non potable water according to EN 1717 up to and including fluid category 4. Installation upstream of apparatuses and draw-off points. Body made of hot-pressed brass and synthetic material.

TYP STBA 200: for hose connection to draw-off points

TYP STBA 220: for hose connection to draw-off points

You will find the STBA 220 backflow preventer also in chapter 4 „Safety devices“ on page 98.

Technical specifications

Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet); 65 °C (outlet)
Ambient temperature	5 °C - 40 °C
Fluid	potable water

STBA 200

Mounting position	any, tundish facing downwards
Flow rate	1.27 m ³ /h at Δp 1.5 bar

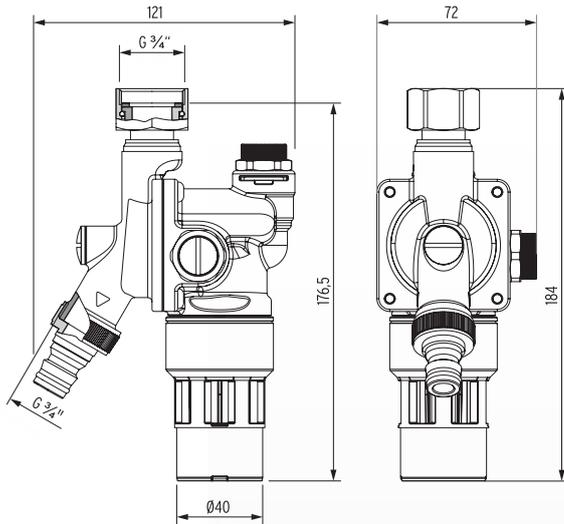
STBA 220

Mounting position	vertical, tundish facing downwards
Flow rate	1.8 m ³ /h at Δp 1.5 bar

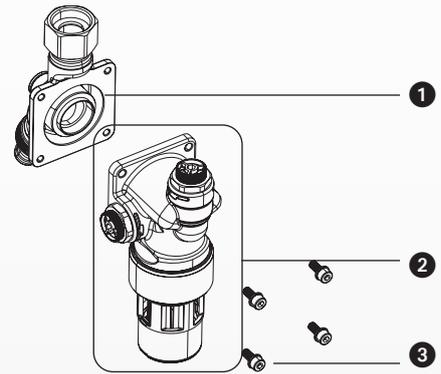
	Order-No.	Price (€)	KG
Backflow Preventer STBA 200	6625.15.002	224.60	1
Backflow Preventer STBA 220	6625.15.022	234.80	1

Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1
Differential pressure measuring set, digital (on loan for 2 weeks)	6600.00.911	183.80	1
Differential pressure measuring set, analogous	6600.00.913	2,742.15	1
Spare parts STBA 200	Order-No.	Price (€)	KG
Backflow preventer cartridge	6625.15.900	145.40	1
Test valves (3 units)	6625.15.902	15.55	1
Spare parts STBA 220	Order-No.	Price (€)	KG
Backflow preventer cartridge	6600.00.917	124.50	1
Tundish	6600.00.903	9.50	1
Locking clamp			
DN 15 (G ¾")	6600.00.972	7.15	1
DN 15 (G 1")	6600.00.965	7.15	1

Backflow Preventer STBA 200 / 220



- 1 Connection housing
- 2 Backflow preventer cartridge
- 3 Hexagon socket screws

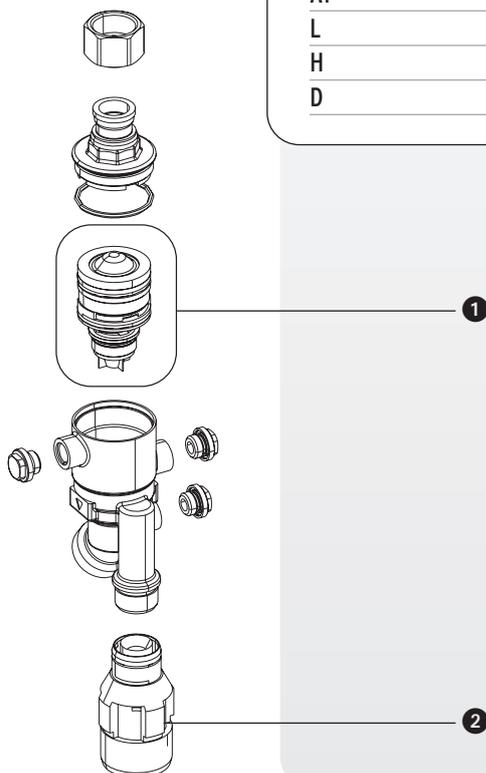
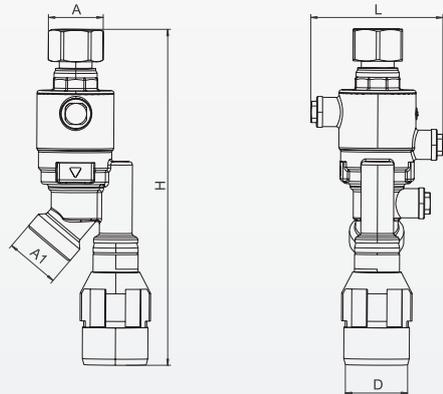


STBA 200

STBA 220

Dimensions Nominal size (mm) DN 15

A	G 3/4
A1	G1
L	81
H	207
D	40



- 1 Backflow preventer cartridge
- 2 Tundish

7

Heating valves



STBA 400



STBA 600

SYR expert advice

The backflow preventer STBA 600 is the first backflow preventer that can be installed in vertical position, as the flange system allows the vertical installation in the main axis.

Backflow Preventer STBA 400/600

Designed for the protection of potable water against non potable water according to EN 1717 up to and including fluid category 4. Installation upstream of apparatuses and draw-off points. Body made of hot-pressed brass and synthetic material.

TYP STBA 400: with stop valve for the exchange against draw-off valves

TYP STBA 600: with pressure reducing valve and pressure gauge

The backflow preventer can be installed in the vertical axis with the modern flange technology - perfect for self-contained heating systems and surface pipe groups.

Technical specifications

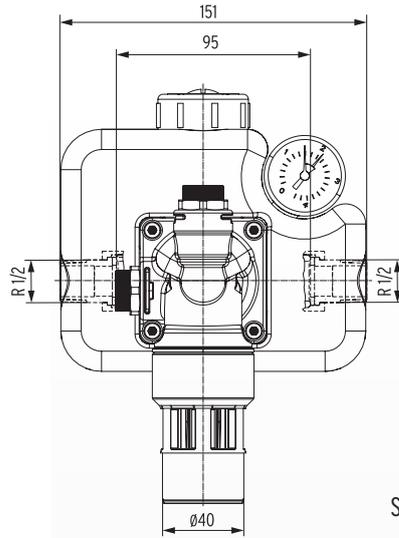
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	30 °C (inlet); 65 °C (outlet)
Ambient temperature	5 °C - 40 °C
Fluid	potable water
Mounting position	any, tundish facing downwards
Flow rate	1.27 m ³ /h at Δp 1.5 bar

	Order-No.	Price (€)	KG
Backflow Preventer STBA 400	6625.15.004	242.25	1
Backflow Preventer STBA 600	6625.15.006	287.60	1

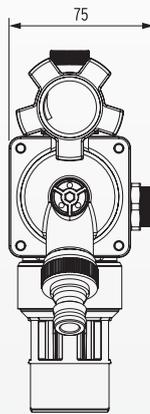
Accessories	Order-No.	Price (€)	KG
Differential pressure measuring set, digital	6600.00.000	3,861.05	1
Differential pressure measuring set, digital (on loan for 2 weeks)	6600.00.911	183.80	1
Differential pressure measuring set, analogous	6600.00.913	2,742.15	1

Spare parts	Order-No.	Price (€)	KG
Backflow preventer cartridge	6625.15.900	145.40	1
Pressure reducing cartridge	6625.15.901	90.45	1
Test valves (3 units)	6625.15.902	15.55	1

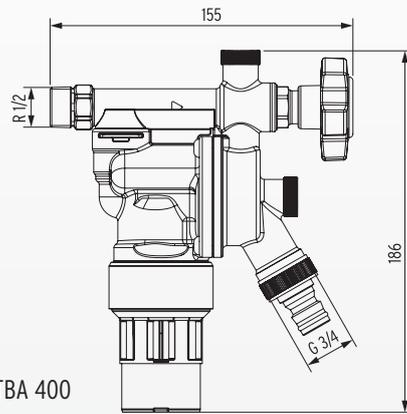
Backflow Preventer STBA 400 / 600



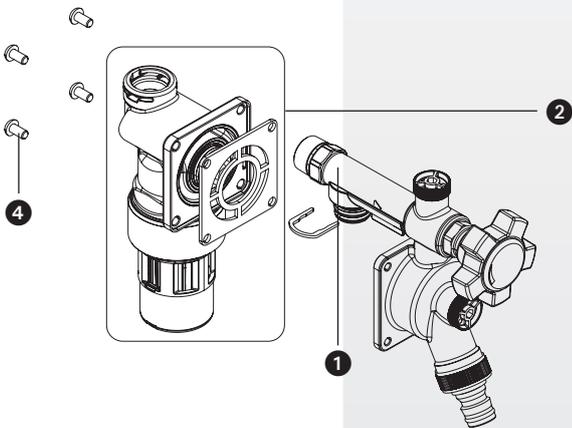
STBA 600



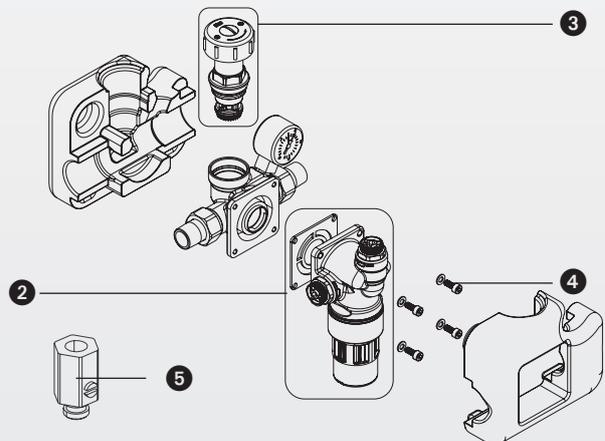
STBA 400



- 1 Connection housing
- 2 Backflow preventer cartridge
- 3 Pressure reducing cartridge
- 4 Hexagon socket screws
- 5 Test valves for maintenance



STBA 400



STBA 600



CE 0085

Pressure Relief Valve 1915 and 6115

Designed for closed heating installations according to EN 12828 and TRD 721. Body made of hot-pressed brass (DN 15 to DN 32) and gunmetal (DN 40 to DN 50). The pressure relief valves 1915 and 6115 are identical in construction but have differing special settings (cf. table Order-No. and prices).

Technical specifications

Min. operating temperature	-10 °C
Max. operating temperature	120 °C
Fluid	water, neutral non-adhesive fluids, fluid category 2
Mounting position	preferably main axis vertical, inlet downstairs
Standard setting	2.5 and 3 bar
Approval mark	TÜV-SV-20-525-H-P-p

MSV 1915		Order-No.	Price (€)	KG
DN 15	2.5 bar	1915.15.000	18.95	1
	3 bar	1915.15.001	18.95	1
DN 20	2.5 bar	1915.20.000	29.35	1
	3 bar	1915.20.001	29.35	1
DN 25	2.5 bar	1915.25.000	51.95	1
	3 bar	1915.25.001	51.95	1
DN 32	2.5 bar	1915.32.000	125.50	1
	3 bar	1915.32.001	125.50	1
DN 40	2.5 bar	1915.40.000	353.90	1
	3 bar	1915.40.001	353.90	1
DN 50	2.5 bar	1915.50.000	402.50	1
	3 bar	1915.50.001	402.50	1

type-tested 2.5 and 3 bar

Special settings

1915 (0.8-6 bar)		Order-No.	Price (€)	KG
DN 15		1915.15.XXX	75.90	1
DN 20		1915.20.XXX	94.60	1
DN 25		1915.25.XXX	125.15	1
DN 32		1915.32.XXX	270.25	1
DN 40		1915.40.XXX	760.90	1
DN 50		1915.50.XXX	865.50	1

EG-type-examination tested

Special settings

6115 (0.5-0.7 bar, 6.1-10 bar)		Order-No.	Price (€)	KG
DN 15		6115.15.XXX	75.90	1
DN 20		6115.20.XXX	94.60	1
DN 25		6115.25.XXX	125.15	1
DN 32		6115.32.XXX	270.25	1
DN 40		6115.40.XXX	760.90	1
DN 50		6115.50.XXX	865.50	1

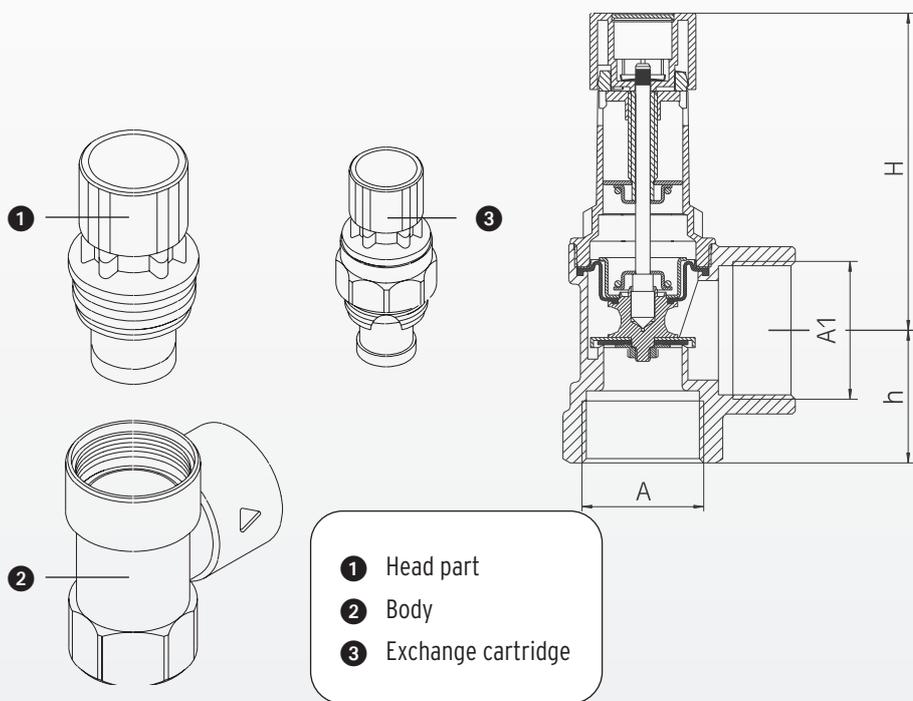
When ordering the pressure relief valves with special settings, observe the following:

Specify the complete order-no. of the article concerned with XXX and indicate the required level of protection against excess pressure. This will guarantee the correct classification.

Pressure Relief Valve 1915 and 6115

Spare parts	Order-No.	Price (€)	KG
Exchange cartridge 1916			
Body MS 58, approved component			
2.5 bar	1916.15.000	35.55	1
3.0 bar	1916.15.001	35.55	1

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	Rp 1/2"	Rp 3/4"	Rp 1"	Rp 1 1/4"	Rp 1 1/2"	Rp 2"
A1	Rp 3/4"	Rp 1"	Rp 1 1/4"	Rp 1 1/2"	Rp 2"	Rp 2 1/2"
H	50	52	79.5	110	186.5	195
h	28	34	40.5	46	55	65.5



Dimensioning of the Pressure Relief Valves 1915 according to TRD 721

Response pressure	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
	max. heat output of the heat generator in kW					
1.5	36	72	144	252	433	650
2	43	86	172	302	518	778
2.5	50	100	200	350	600	900
3	50	100	200	350	600	900
4	70	140	280	490	840	1260
5	84	168	336	588	1008	1512
6	94	189	379	666	1140	1700



CE 0085

Solar-Pressure Relief Valve 8115

Designed for the protection of solar heating systems according to DIN 4757, part 1 and for the protection of hydraulic systems. Body made of hot-pressed brass.

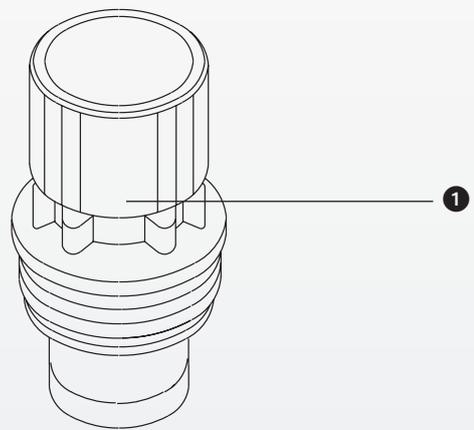
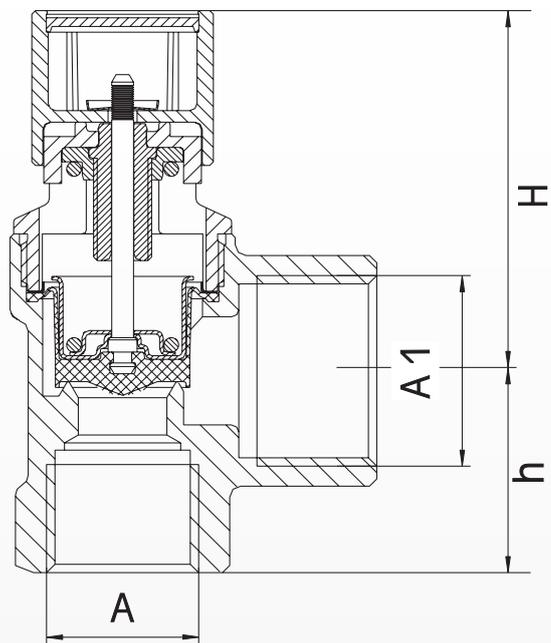
Technical specifications

Min. operating temperature	-10 °C
Max. operating temperature	160 °C
Set pressure	2.5 bar, 3 bar, 4 bar and 6 bar
Fluid	water, neutral non-adhesive fluids, Glycol-water solution up to mixture ratio 1:1
Mounting position	preferably main axis vertical, inlet downstairs
Approval mark	TÜV-SV-20-1127-SOL-50-p (only DN 15)

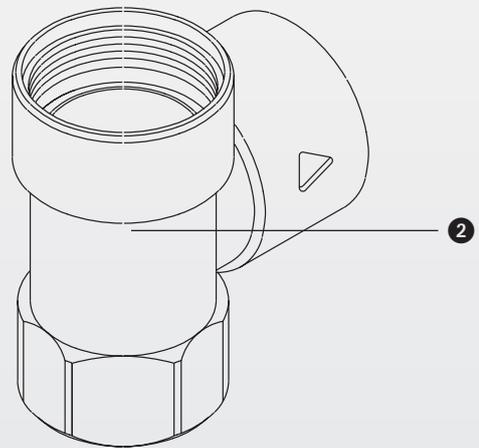
Solar-Pressure Relief Valve 8115		Order-No.	Price (€)	KG
DN 15	2.5 bar	8115.15.000	22.10	1
	3 bar	8115.15.001	22.10	1
	4 bar	8115.15.002	22.10	1
	6 bar	8115.15.003	22.10	1
DN 20	2.5 bar	8115.20.000	33.80	1
	3 bar	8115.20.001	33.80	1
	4 bar	8115.20.002	33.80	1
	6 bar	8115.20.003	33.80	1

Solar-Pressure Relief Valve 8115

Dimensions (mm)	Nominal size	
	DN 15	DN 20
A	Rp 1/2"	Rp 3/4"
A1	Rp 3/4"	Rp 1"
H	50	52
h	28	34
Solar collector surface m ²	up to 50	up to 100



- 1 Head part
- 2 Body





1917



1917.1



1917.6



1917.7

Pressure Relief Valve 1917

Used for heating circuits in accordance with the European Standard. Body made of forged brass.

Technical specifications

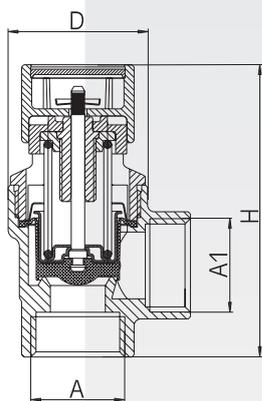
Min. operating temperature	-10 °C
Max. operating temperature	120 °C
Set pressure	1.5 or 5 bar
Fluid	water, neutral, non-adhesive fluids
Mounting position	preferably main axis vertical, inlet downstairs

Type 1917		Order-No.	Price (€)	KG
DN 15	2.5 bar	1917.15.001	16.30	1
	3 bar	1917.15.000	16.30	1
DN 20	2.5 bar	1917.20.001	25.50	1
	3 bar	1917.20.000	25.50	1

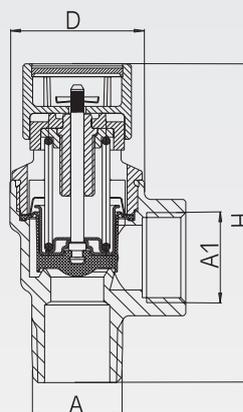
Type 1917.1		Order-No.	Price (€)	KG
DN 15	1.5 bar	1917.15.007	16.50	1
	2.5 bar	1917.15.003	16.50	1
	3 bar	1917.15.002	16.50	1

Type 1917.6		Order-No.	Price (€)	KG
DN 20	1.5 bar	1917.20.027	20.85	1
	2.5 bar	1917.20.015	20.85	1
	3 bar	1917.20.028	20.85	1
	3.5 bar	1917.20.029	20.85	1
	4 bar	1917.20.030	20.85	1
	4.5 bar	1917.20.031	20.85	1
	5 bar	1917.20.032	20.85	1

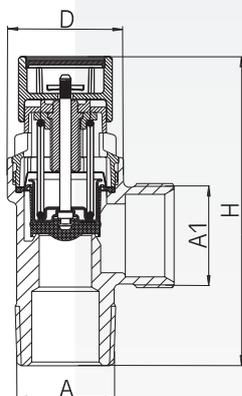
Type 1917.7		Order-No.	Price (€)	KG
DN 20	1.5 bar	1917.20.007	24.85	1
	2 bar	1917.20.016	24.85	1
	3 bar	1917.20.013	24.85	1



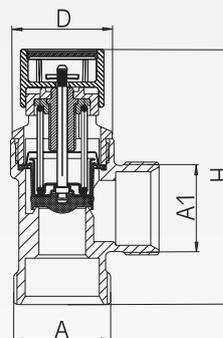
1917



1917.1



1917.6



1917.7

Dimensions (mm)	1917		1917.1	1917.6	1917.7
A	DN 15 female	DN 20 female	DN 15 male	DN 20 male	DN 20 male
A1	DN 15 female	DN 20 female	DN 15 female	DN 20 male	22 mm comp.
D	31	31	31	28	30
H	49	52	49	48	48
h	19	27	29	35	29



CE 0085

Water Level Limiter 932

Designed for closed heating systems according to EN 12828. For the installation in boilers, VDE-approved. Electrically wired, with 2.5 m connection cable. Switch unit, rotatable and exchangeable without draining the installation. TÜV-approved component.

Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	120 °C
Max. ambient temperature	70 °C
Type of protection	IP 65
Microswitch	changer 1-pole
Mounting position	main axis vertical
Capacity of the switch	10 (4) A / 250 V alternating current
Approval mark	TÜV.HWB.21-206
VDE-Approval-No.	139223

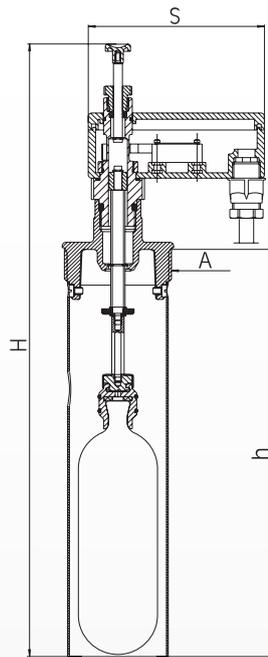
	Order-No.	Price (€)	KG
932.1 with lock	0932.50.000	606.65	1
932.2 without lock	0932.50.001	691.95	1
932.5 compact model, with lock	0932.50.002	413.40	1

Spare parts	Order-No.	Price (€)	KG
Switch unit			
Typ 932.1	0932.50.900	291.60	1
Typ 932.2	0932.50.907	291.60	1
Typ 932.5	0932.50.905	291.60	1
Glass float			
Typ 932.1 + 932.2	0933.20.906	122.30	1
Typ 932.5	0932.50.906	122.30	1
Float unit			
Typ 932.1 + 932.2	0932.50.901	287.40	1
Typ 932.5	0932.50.903	287.40	1
Microswitch	0933.20.912	47.90	1
Test pin			
Typ 932.1 + 932.2	0933.20.911	17.25	1
Typ 932.5	0932.50.904	17.25	1

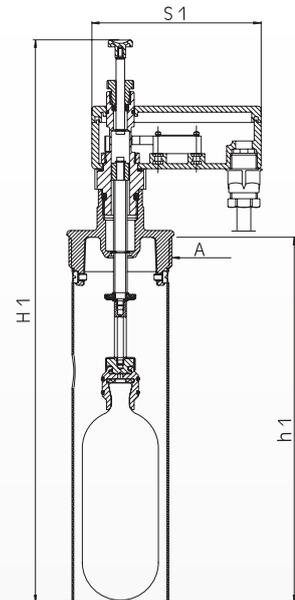
Water Level Limiter 932.1, 932.2 and 932.5

Dimensions (mm)

A	G 2"
H	343
h	229
S	64 x 98
H1	247
h1	150
S1	64 x 98

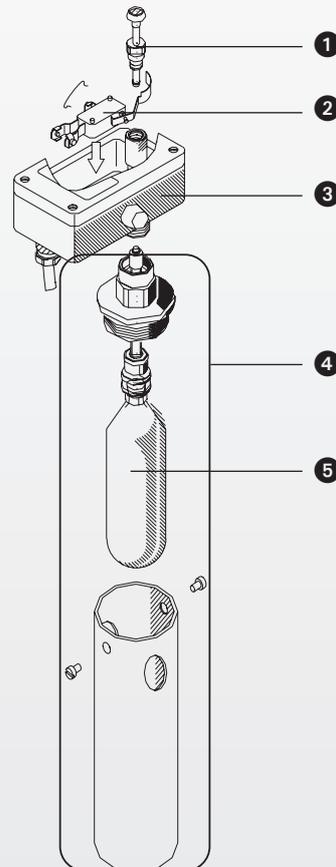


932.1 + 932.2



932.5

- 1 Test pin
- 2 Microswitch
- 3 Switch unit
- 4 Float unit
- 5 Glass float





CE 0085

Water Level Limiter 933

Designed for closed heating systems according to EN 12828. Designed to be fitted to the pipe, body GG 25, galvanized, with soldered unions DN 20. VDE-approved. Electrically wired, with 2.5 m connection cable. Switch unit, rotatable and exchangeable without draining the installation. TÜV-approved component.

Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	120 °C
Max. ambient temperature	70 °C
Type of protection	IP 65
Microswitch	changer 1-pole
Mounting position	main axis vertical
Capacity of the switch	10 (4) A / 250 V alternating current
Approval mark	TÜV.HWB.21-190
VDE-Approval-No.	139223

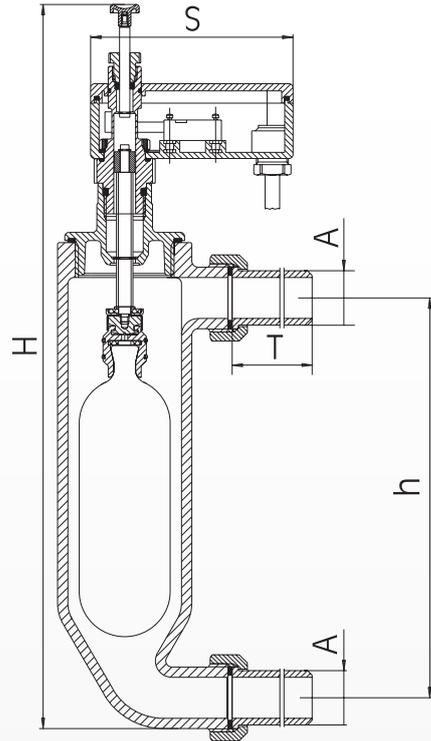
	Order-No.	Price (€)	KG
933.1 with lock	0933.20.000	477.00	1
933.2 without lock	0933.20.001	561.00	1

Spare parts	Order-No.	Price (€)	KG
Switch unit			
Typ 933.1	0933.20.904	275.20	1
Typ 933.2	0933.20.905	275.20	1
Glass float			
Typ 933.1 + 933.2	0933.20.906	122.30	1
Float unit			
Typ 933.1 + 933.2	0933.20.910	256.75	1
Microswitch	0933.20.912	47.90	1
Test pin	0933.20.911	17.25	1
Water level limiter without body (for 933.1)	0933.20.900	460.90	1

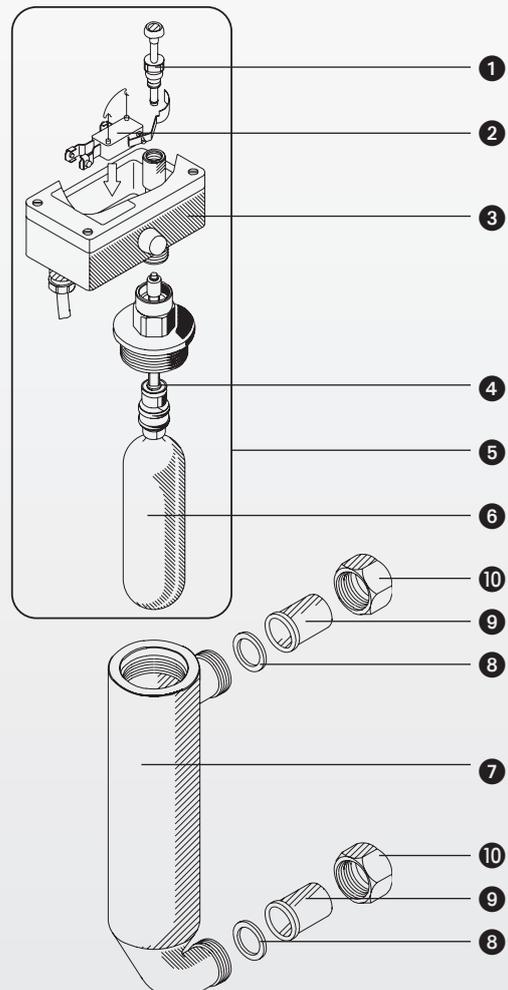
Water Level Limiter 933.1 and 933.2

Dimensions (mm)

A	connection pieces DN 20
H	370
h	195
S	64 x 98
T	70



- 1 Test pin
- 2 Microswitch
- 3 Switch unit
- 4 Float unit
- 5 Valve without body
- 6 Glass float
- 7 Body
- 8 Seal
- 9 Socket
- 10 Captive nut



Thermal Safety Valve 3065

Designed for the thermal protection of closed heating systems with solid fuel fired boilers, up to a maximum of 100 kW according to EN 12828. With immersion sleeve DN 15. Body made of hot-pressed brass.



CE 0085

SYR expert advice

Thermal safety valves shall not be mounted in self-supplying water systems!

Technical specifications

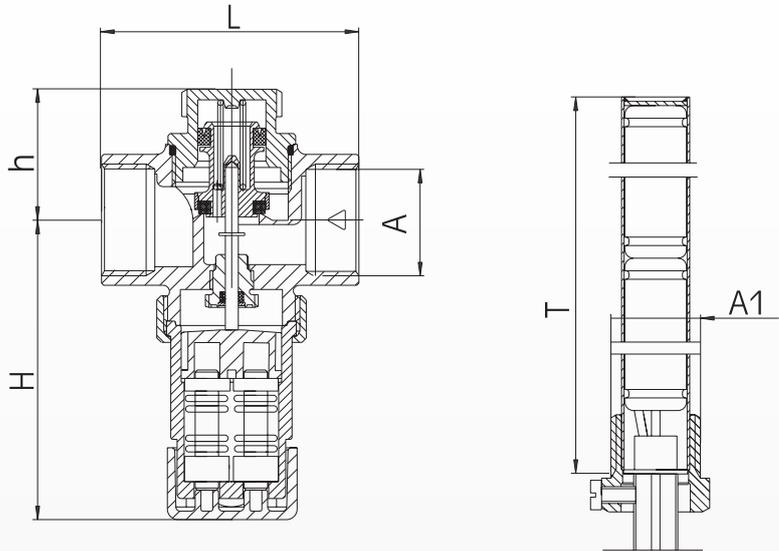
Max. operating pressure	10 bar
Max. operating temperature	150 °C
Set temperature	95 °C (special model 55°C)
Max. ambient temperature	70 °C
Mounting position	any
Capillary tube length	1.3 m (special model 5m)
Approval mark	TH 797

Thermal Safety Valve	Order-No.	Price (€)	KG
3065 1.3 m capillary tube	3065.20.000	159.80	1
3065 5.0 m capillary tube	3065.20.001	319.60	1
3065 1.3 m capillary tube for 55 °C	3065.20.006	319.60	1

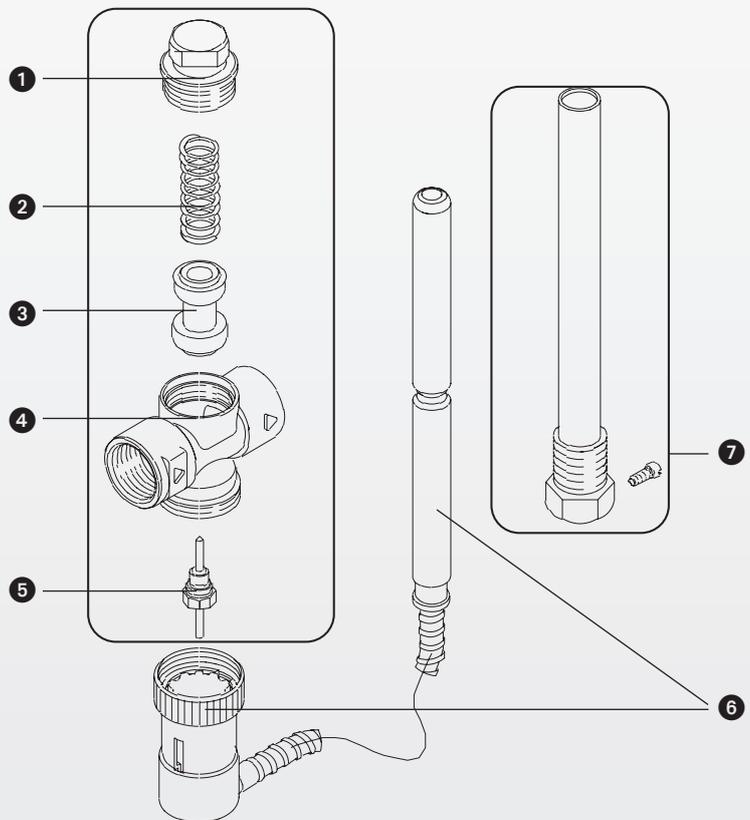
Spare parts	Order-No.	Price (€)	KG
Screw cap	3065.20.909	12.25	1
Spring	3065.20.918	1.15	1
Piston	3065.20.921	20.15	1
Valve unit	3065.20.920	70.20	1
Stuffing box	3065.20.911	16.55	1
Temperature probe			
1.3 m capillary tube	3065.20.903	122.20	1
5.0 m capillary tube	3065.20.906	243.60	1
Immersion sleeve	3065.20.902	28.95	1

Dimensions (mm)

A	G 3/4"
A1	G 1/2"
H	70
h	31
L	60
T	150



- 1 Screw cap
- 2 Spring
- 3 Piston
- 4 Valve body
- 5 Stuffing box
- 6 Temperature probe
- 7 Immersion sleeve



Thermal Safety Valve 5067

The Thermal Safety Valve is used in heating circuits to regulate system temperature by means of a thermal probe. With immersion sleeve DN 15. Body made of brass.



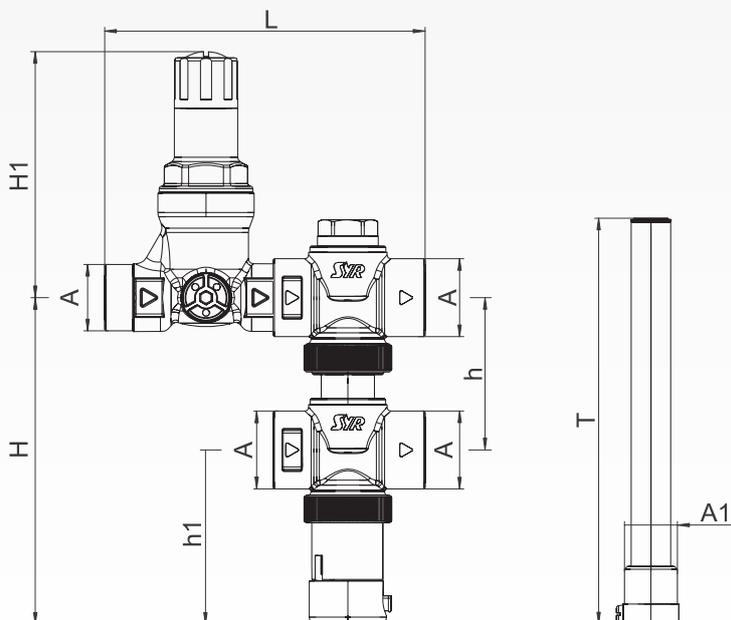
Technical specifications

Operating pressure	10 bar
Max. operating temperature	125 °C
Set temperature	95 °C
Ambient temperature limit	70 °C
Mounting position	any

Thermal Safety Valve 5067	Order-No	Price (€)	KG
DN 15, capillary tube	5067.20.000	355.55	1

Dimensions (mm) Nominal size DN 20

A	G 3/4"
A1	G 1/2"
H	130
H1	98
h	60
h1	70
L	126.5
T	160



Filling Group 2128



The Filling Group is used to fill heating circuits, with ball valve, check valve, test-equipment, strainer, pressure reducer and hose fitting. Body made of brass.

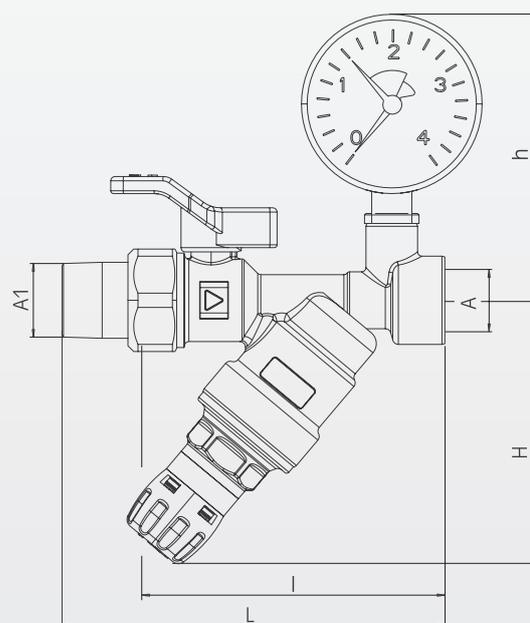
Technical specifications

Max. inlet pressure	10 bar
Max. operating temperature	30 °C (inlet); 80 °C (outlet)
Outlet pressure	1.5 - 5 bar (factory set: 1.5 bar)
Mounting position	any
Fluid	potable water

Filling Group 2128	Order-No	Price (€)	KG
DN 15	2128.15.000	79.95	1
DN 20	2128.20.000	96.70	1

Spare parts	Order-No.	Price (€)	KG
Pressure reducing cartridge	0312.20.933	64.80	1

Dimensions (mm)	Nominal size	
	DN 15	DN 20
A	G 1/2"	G 1/2"
A1	G 1/2"	G 3/4"
L	135	134
I	102.5	102.5
H	93.5	93.5
h	102.5	102.5



Air Vent 62

With maintenance isolating valve. Floater consists of plastic. Body and cap made of brass.



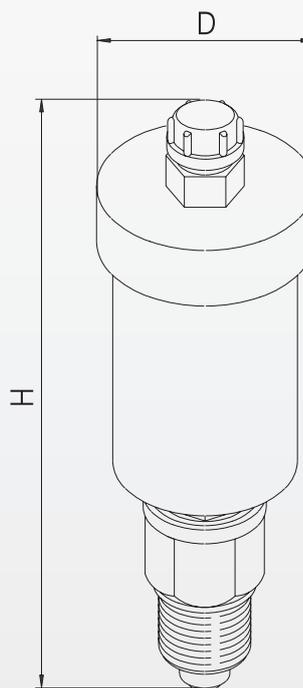
Technical specifications

Max. operating pressure	10 bar
Max. operating temperature	110 °C
Fluid	heating water
Mounting position	vertical
Pipe connection	3/8"

	Order-No.	Price (€)	KG
Air Vent 62	0062.10.001	20.00	1

Dimensions (mm)

A	G 3/8"
H	101
D	38





Miscellaneous

Product overview	178
General terms and conditions of delivery and payment	193

Product overview by order numbers

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
0010.08.500	SYR Pressure gauge 10 for SG 323+324 G1/4 d.40mm nickel-plated	122	4017905000642	1	43.35
0011.08.000	SYR Pressure gauge 11 for SYRobloc SG 24+25 G1/4 0-10 bar d.63mm	76	4017905000598	1	21.55
0024.15.000	SYR Safety group 24 SYRobloc DN 15, G1/2 6 bar brass	116	4017905000154	1	139.95
0024.15.001	SYR Safety group 24 SYRobloc DN 15, G1/2 8 bar brass	116	4017905000758	1	139.95
0024.15.002	SYR Safety group 24 SYRobloc DN 15, G1/2 10 bar brass	116	4017905000765	1	139.95
0024.15.009	SYR Safety group 24 SYRobloc DN 15, G3/4 6 bar brass	116	4017905000819	1	150.25
0024.15.010	SYR Safety group 24 SYRobloc DN 15, G3/4 8 bar brass	116	4017905000826	1	150.25
0024.15.011	SYR Safety group 24 SYRobloc DN 15, G3/4 10 bar brass	116	4017905000833	1	150.25
0024.15.050	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 6 bar brass	112	4017905237338	1	150.40
0024.15.051	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 8 bar brass	112	4017905237345	1	150.40
0024.15.052	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 10 bar brass	112	4017905237352	1	150.40
0024.15.060	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 6 bar leadfree	114	4017905308885	1	139.95
0024.15.061	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 8 bar leadfree	114	4017905308892	1	139.95
0024.15.062	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 10 bar leadfree	114	4017905308908	1	139.95
0024.15.900	SYR Shut-off device for SYRobloc Safety group 24+25 DN15	120	4017905057806	1	15.80
0024.15.912	SYR Double isolating valve for SafetyCenter 4807 from 2016	108	4017905203234	1	61.75
0024.15.913	SYR Double isolating valve for Safety group 24 SYRobloc Plus	112	4017905214087	1	61.75
0024.20.000	SYR Safety group 24 SYRobloc DN 20, G3/4 6 bar brass	116	4017905000024	1	177.90
0024.20.001	SYR Safety group 24 SYRobloc DN 20, G3/4 8 bar brass	116	40179050000871	1	177.90
0024.20.002	SYR Safety group 24 SYRobloc DN 20, G3/4 10 bar brass	116	40179050000888	1	177.90
0024.20.009	SYR Safety group 24 SYRobloc DN 20, G1 6 bar brass	116	4017905000932	1	192.05
0024.20.010	SYR Safety group 24 SYRobloc DN 20, G1 8 bar brass	116	4017905000949	1	192.05
0024.20.011	SYR Safety group 24 SYRobloc DN 20, G1 10 bar brass	116	4017905000956	1	192.05
0024.20.050	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 6 bar brass	112	4017905237369	1	186.80
0024.20.051	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 8 bar brass	112	4017905237376	1	186.80
0024.20.052	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 10 bar brass	112	4017905237383	1	186.80
0024.20.060	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 6 bar leadfree	114	4017905308915	1	177.90
0024.20.061	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 8 bar leadfree	114	4017905308922	1	177.90
0024.20.062	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 10 bar leadfree	114	4017905308939	1	177.90
0024.20.901	SYR Check valve for SYRobloc Safety group 24+25 DN20	120	4017905058063	1	16.20
0024.20.902	SYR Shut-off valve for SYRobloc Safety group 24+25 DN20	120	4017905058070	1	27.45
0024.20.903	SYR Shut-off valve complete for SYRobloc Safety group 24+25 DN20	120	4017905055338	1	21.80
0025.15.000	SYR Safety group 25 SYRobloc DN 15, G1/2 6 bar brass	118	4017905000161	1	245.90
0025.15.001	SYR Safety group 25 SYRobloc DN 15, G1/2 8 bar brass	118	4017905000994	1	245.90
0025.15.002	SYR Safety group 25 SYRobloc DN 15, G1/2 10 bar brass	118	4017905001007	1	245.90
0025.15.009	SYR Safety group 25 SYRobloc DN 15, G3/4 6 bar brass	118	4017905001052	1	268.25
0025.15.010	SYR Safety group 25 SYRobloc DN 15, G3/4 8 bar brass	118	4017905001069	1	268.25
0025.15.011	SYR Safety group 25 SYRobloc DN 15, G3/4 10 bar brass	118	4017905001076	1	268.25
0025.15.050	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 6 bar brass	112	4017905237420	1	253.20
0025.15.051	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 8 bar brass	112	4017905237437	1	253.20
0025.15.052	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 10 bar brass	112	4017905237444	1	253.20
0025.15.060	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 6 bar leadfree	114	4017905309004	1	245.90
0025.15.061	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 8 bar leadfree	114	4017905309011	1	245.90
0025.15.062	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 10 bar leadfree	114	4017905309028	1	245.90
0025.20.000	SYR Safety group 25 SYRobloc DN 20, G3/4 6 bar brass	118	4017905000031	1	298.70
0025.20.001	SYR Safety group 25 SYRobloc DN 20, G3/4 8 bar brass	118	4017905001120	1	298.70
0025.20.002	SYR Safety group 25 SYRobloc DN 20, G3/4 10 bar brass	118	4017905001137	1	298.70
0025.20.009	SYR Safety group 25 SYRobloc DN 20, G1 6 bar brass	118	4017905001182	1	316.90
0025.20.010	SYR Safety group 25 SYRobloc DN 20, G1 8 bar brass	118	4017905001199	1	316.90
0025.20.011	SYR Safety group 25 SYRobloc DN 20, G1 10 bar brass	118	4017905001205	1	316.90
0025.20.050	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 6 bar brass	112	4017905237420	1	305.10
0025.20.051	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 8 bar brass	112	4017905237437	1	305.10



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
0025.20.052	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 10 bar brass	112	4017905237444	1	305.10
0025.20.060	SYR Safety group 25 SYRobloc Plus 25.2 DN 20, G3/4 6 bar leadfree	114	4017905309035	1	298.70
0025.20.061	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 8 bar leadfree	114	4017905309042	1	298.70
0025.20.062	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 10 bar leadfree	114	4017905309059	1	298.70
0034.15.011	SYR Safety group 34, DN 15, 6 bar	124	4017905183918	1	20.00
0034.15.012	SYR Safety group 34, DN 15, 8 bar	124	4017905183925	1	20.00
0034.15.013	SYR Safety group 34, DN 15, 10 bar	124	4017905183932	1	20.00
0034.20.005	SYR Safety group 34, DN 20, 10 bar	124	4017905183352	1	20.65
0034.20.006	SYR Safety group 34, DN 20, 6 bar	124	4017905183949	1	20.65
0034.20.007	SYR Safety group 34, DN 20, 8 bar	124	4017905183956	1	20.65
0062.10.001	SYR Automatic air vent 62 with isolating valve DN 10, G3/8	176	4017905000055	1	20.00
0065.15.002	SYR Vacuum breaker, 15 mm	104	4017905195188	1	5.75
0065.20.003	SYR Vacuum breaker, 22 mm	104	4017905168618	1	6.20
0214.00.005	SYR Triple tundish, DN 50	21	4017905298322	2	64.20
0214.00.902	SYR Tundish 214 for SG 24+25 from 6/99, inlet M28x1.5, outlet DN25	112	4017905034975	1	31.75
0214.00.908	SYR Tundish 214 complete for IT 3000 and LEX water softeners	24	4017905193092	2	65.10
0312.15.250	SYR Pressure reducing valve 312 compact DN 15, 1.5-6 bar, brass, female	82	4017905178020	1	42.25
0312.15.251	SYR Pressure reducing valve 312 compact C, DN 15, 1.5-6 bar, brass, comp. fitting	82	4017905178037	1	45.15
0312.15.900	SYR Pressure reducing valve cartridge 312 DN 10+15, 1.5-6 bar	120	4017905029780	1	67.15
0312.15.955	SYR Pressure reducing valve cartridge 312 compact, DN 15+20, 1.5-6 bar	82	4017905178068	1	25.05
0312.20.250	SYR Pressure reducing valve 312 compact DN 20, 1.5-6 bar, brass, female	82	4017905178044	1	45.15
0312.20.251	SYR Pressure reducing valve 312 compact C, DN 20, 1.5-6 bar, brass, comp. fitting	82	4017905178051	1	48.05
0312.20.927	SYR Pressure reducing valve cartridge 312 DN 10 - DN 20	120	4017905120050	1	64.80
0312.20.928	SYR Pressure reducing valve cartridge 312 for DUO 2314, DN 20+DN 25	56	4017905120067	1	91.25
0312.20.933	SYR Pressure reducing valve cartridge 312 for Filling group 2128	175	4017905130813	1	64.80
0312.25.066	SYR Pressure reducing valve 312 compact DN 25, 1.5-6 bar, brass, female	82	4017905222679	1	97.60
0315.15.000	SYR Pressure reducing valve 315 DN 15, 1.5-6 bar, Gunmetal	76	4017905000178	1	112.85
0315.15.009	SYR Pressure reducing valve 315.1 for SYRobloc DN 15, SG 24+25 1.5-6 bar brass	120	4017905007887	1	132.20
0315.15.056	SYR Pressure reducing valve 315 AB DN 15, 1.5-6 bar, Gunmetal	78	4017905123761	1	112.85
0315.15.222	SYR Pressure reducing valve 315.2, DN 15, 1.5-6 bar, with union connection	80	4017905140126	1	80.50
0315.15.235	SYR Pressure reducing valve 315.2, DN 15, 1.5-6 bar, without union connection	80	4017905188203	1	75.75
0315.15.900	SYR Pressure reducing valve cartridge for ConnectionCenter All-in-one	141	4017905047173	1	72.80
0315.15.924	SYR Pressure reducing valve cartridge DN 15+20, one-piece	80	4017905140447	1	59.75
0315.15.931	SYR Pressure reducing valve cartridge for Safety group SYRobloc Plus	112	4017905238236	1	64.80
0315.15.932	SYR Pressure reducing valve DN 15 for Safety group SYRobloc Plus	112	4017905238243	1	132.20
0315.15.934	SYR Pressure reducing valve DN 15 for Safety group SYRobloc Plus, leadfree	114	4017905308670	1	132.20
0315.15.935	SYR Pressure reducing valve cartridge for Safety group SYRobloc Plus, leadfree	114	4017905308694	1	64.80
0315.20.000	SYR Pressure reducing valve 315 DN 20, 1.5-6 bar, Gunmetal	76	4017905000185	1	123.40
0315.20.005	SYR Pressure reducing valve 315.1 for SYRobloc DN 20, SG 24+25 1.5-6 bar brass	120	4017905029261	1	145.05
0315.20.056	SYR Pressure reducing valve 315 AB, DN 20, 1.5-6 bar, Gunmetal	78	4017905123778	1	123.40
0315.20.222	SYR Pressure reducing valve 315.2, DN 20, 1.5-6 bar, with union connection	80	4017905140393	1	88.05
0315.20.235	SYR Pressure reducing valve 315.2, DN 20, 1.5-6 bar, without union connection	80	4017905188210	1	79.45
0315.20.904	SYR Pressure reducing valve cartridge DN 20, one-piece	76	4017905041652	1	99.15
0315.20.910	SYR Pressure reducing valve cartridge for DUO HOT, DN 20+DN 25	58	4017905124416	1	91.25
0315.20.963	SYR Pressure reducing valve DN 20 for Safety group SYRobloc Plus	112	4017905238250	1	145.05
0315.20.965	SYR Pressure reducing valve DN 20 for Safety group SYRobloc Plus, leadfree	114	4017905308687	1	145.05
0315.25.000	SYR Pressure reducing valve 315 DN 25, 1.5-6 bar, Gunmetal	76	4017905000192	1	143.00
0315.25.056	SYR Pressure reducing valve 315 AB DN 25, 1.5-6 bar, Gunmetal	78	4017905123785	1	143.00
0315.25.222	SYR Pressure reducing valve 315.2, DN 25, 1.5-6 bar, with union connection	80	4017905140409	1	101.55
0315.25.235	SYR Pressure reducing valve 315.2, DN 25, 1.5-6 bar, without union connection	80	4017905188227	1	95.50
0315.25.904	SYR Pressure reducing valve cartridge DN 25, one-piece	76	4017905041669	1	115.35
0315.25.924	SYR Pressure reducing valve cartridge DN 25, one-piece	80	4017905140454	1	83.20
0315.32.000	SYR Pressure reducing valve 315 DN 32, 1.5-6 bar, Gunmetal	76	4017905000208	1	204.20
0315.32.056	SYR Pressure reducing valve 315 AB DN 32, 1.5-6 bar, Gunmetal	78	4017905123792	1	204.20
0315.32.222	SYR Pressure reducing valve 315.2, DN 32, 1.5-6 bar, with union connection	80	4017905140416	1	145.40

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
0315.32.235	SYR Pressure reducing valve 315.2, DN 32, 1.5-6 bar, without union connection	80	4017905188234	1	136.75
0315.32.902	SYR Pressure reducing valve cartridge DN 32 - 50, one-piece	76	4017905056519	1	160.70
0315.32.924	SYR Pressure reducing valve cartridge DN 32 - 50, one-piece	80	4017905140461	1	130.15
0315.40.000	SYR Pressure reducing valve 315 DN 40, 1.5-6 bar, Gunmetal	76	4017905000215	1	382.35
0315.40.056	SYR Pressure reducing valve 315 AB DN 40, 1.5-6 bar, Gunmetal	78	4017905123808	1	382.35
0315.40.222	SYR Pressure reducing valve 315.2, DN 40, 1.5-6 bar, with union connection	80	4017905140423	1	261.40
0315.40.235	SYR Pressure reducing valve 315.2, DN 40, 1.5-6 bar, without union connection	80	4017905188241	1	245.75
0315.50.000	SYR Pressure reducing valve 315 DN 50, G2 1.5-6 bar, Gunmetal	76	4017905000222	1	434.30
0315.50.056	SYR Pressure reducing valve 315 AB DN 50, 1.5-6 bar, Gunmetal	78	4017905123815	1	434.30
0315.50.222	SYR Pressure reducing valve 315.2, DN 50, 1.5-6 bar, with union connection	80	4017905140430	1	290.70
0315.50.235	SYR Pressure reducing valve 315.2, DN 50, 1.5-6 bar, without union connection	80	4017905188258	1	273.20
0322.15.055	SYR Safety group 322 DN 15, 7 bar without siphon nickel-plated	122	4017905283854	1	119.05
0322.15.056	SYR Safety group 322.1 DN 15, 10 bar with siphon nickel-plated	122	4017905283861	1	140.75
0323.15.055	SYR Safety group 323 DN 15, 6 bar without mixing valve, nickel-plated	122	4017905264495	1	134.35
0323.15.900	SYR Warm water connection for Safety group 322-324 nickel-plated	122	4017905006255	1	51.00
0323.15.901	SYR Cold water connection for Safety group 322-324 nickel-plated	122	4017905006286	1	19.80
0323.15.908	SYR Unit connection for SG 323+324	122	4017905052887	1	15.50
0323.15.909	SYR Tube section for SG 323+324	122	4017905052894	1	16.85
0323.15.921	SYR Isolating unit for safety group 323 and 324	122	4017905264464	1	15.80
0323.15.922	SYR Siphon for safety group 323 and 324	122	4017905264471	1	29.05
0323.15.924	SYR Pressure relief valve complete for safety group 323 and 324, 6 bar	122	4017905286831	1	40.05
0323.15.925	SYR Pressure relief valve complete for safety group 323 and 324, 8 bar	122	4017905286848	1	40.05
0323.15.926	SYR Pressure relief valve complete for safety group 323 and 324, 10 bar	122	4017905286855	1	40.05
0324.15.055	SYR Safety group 324 DN 15, 6 bar without mixing valve, nickel-plated	122	4017905264501	1	213.65
0324.15.901	SYR pressure reducing valve as replacement set for 324 or retrofitting for 323	122	4017905264488	1	115.95
0330.15.100	SYR Safety group 0330, DN 15, brass, 6 bar	125	4017905137935	1	60.90
0330.15.101	SYR Safety group 0330, DN 15, brass, 8 bar	125	4017905139144	1	60.90
0330.15.102	SYR Safety group 0330, DN 15, brass, 10 bar	125	4017905184939	1	60.90
0330.20.000	SYR Safety group 0330, DN 20, 7 bar	125	4017905099240	1	36.35
0805.20.000	SYR Fitting set DN 20 for canister pump 3220	146	4017905175210	2	21.30
0805.20.902	SYR Connection for FillingCombi BA Plus and ConnectionCenter	139	4017905181464	1	17.00
0805.25.000	SYR Fitting set DN 25 for canister pump 3220	146	4017905175227	2	29.55
0805.32.000	SYR Fitting set DN 32 for canister pump 3220	146	4017905175234	2	38.70
0812.15.900	SYR Fitting G 1/2	76	4017905052900	1	10.75
0812.20.900	SYR Fitting G 3/4	53	4017905051637	1	13.15
0812.25.900	SYR Fitting G 1	53	4017905035149	1	20.15
0812.32.900	SYR Fitting G 1 1/4	53	4017905052917	1	32.80
0812.40.900	SYR Fitting G 1 1/2	54	4017905052924	1	58.50
0812.50.900	SYR Fitting G 2	54	4017905052931	1	72.45
0814.20.900	SYR Fitting G 3/4 complete	53	4017905127684	1	27.20
0816.20.900	SYR Screwed connection 3/4" (nut with 3/4")	97	4017905056274	1	27.20
0816.32.900	SYR Segment connection 1 1/4 complete male/female	53	4017905067027	1	55.10
0828.08.000	SYR Manometer plug	53	4017905062930	1	1.75
0932.50.000	SYR Water level meter 932.1 with interlock	168	4017905000239	1	606.65
0932.50.001	SYR Water level meter 932.2 without interlock	168	4017905033985	1	691.95
0932.50.002	SYR Water level meter 932.5 as WLM 932.1 however short installation length	168	4017905030052	1	413.40
0932.50.900	SYR Switch unit for Water level meter 932.1	168	4017905006439	1	291.60
0932.50.901	SYR Complete float for Water level meter 932.1+932.2	168	4017905006453	1	287.40
0932.50.903	SYR Complete float for Water level meter 932.5	168	4017905090087	1	287.40
0932.50.904	SYR Test sensor for Water level meter 932.5	168	4017905090094	1	17.25
0932.50.905	SYR Switch unit for Water level meter 932.5	168	4017905090100	1	291.60
0932.50.906	SYR Glass float for Water level meter 932.5	168	4017905057011	1	122.30
0932.50.907	SYR Switch unit for Water level meter 932.2	168	4017905111836	1	291.60
0933.20.000	SYR Water level meter 933.1 with interlock	170	4017905006477	1	477.00
0933.20.001	SYR Water level meter 933.2 without interlock	170	4017905006491	1	561.00



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
0933.20.900	SYR Water level meter 933.1 Retrofit kit without housing	170	4017905006514	1	460.90
0933.20.904	SYR Switch unit for Water level meter 933.1	170	4017905006507	1	275.20
0933.20.905	SYR Switch unit for Water level meter 933.2	170	4017905058223	1	275.20
0933.20.906	SYR Glass float for Water level meter 932.1+932.2+933.1+933.2	168	4017905006446	1	122.30
0933.20.910	SYR Complete float for Water level meter 933.1+933.2	170	4017905006521	1	256.75
0933.20.911	SYR Test sensor for Water level meter 932.1+932.2+933.1+933.2	168	4017905006460	1	17.25
0933.20.912	SYR Microswitch for Water level meter 932+933	168	4017905006484	1	47.90
1500.00.010	SYR Single water softener LEX Connect 10	30	4017905175067	2	2,500.60
1500.00.012	SYR Alternating water softener LEX Connect 10	38	4017905176934	2	5,910.15
1500.00.015	SYR Triple Water softener LEX Connect T1	42	4017905182096	2	9,300.85
1500.00.020	SYR Single water softener LEX Connect 20	30	4017905175074	2	2,748.75
1500.00.022	SYR Alternating water softener LEX Connect 20	38	4017905176958	2	6,446.10
1500.00.025	SYR Triple Water softener LEX Connect T2	42	4017905182102	2	10,081.80
1500.00.030	SYR Single water softener LEX Connect 30	30	4017905175081	2	3,611.60
1500.00.032	SYR Alternating water softener LEX Connect 30	38	4017905176972	2	8,514.40
1500.00.035	SYR Triple Water softener LEX Connect T3	42	4017905182119	2	14,820.05
1500.00.040	SYR Single water softener LEX 1500 Connect 40	32	4017905211673	2	3,837.00
1500.00.042	SYR Alternating water softener LEX Connect 40	40	4017905219143	2	8,490.05
1500.00.045	SYR Triple Water softener LEX Connect T4	42	4017905191630	2	19,045.60
1500.00.055	SYR Triple Water softener LEX Connect T5	42	4017905237703	2	20,852.30
1500.00.060	SYR Single water softener LEX 1500 Connect 60	32	4017905211697	2	4,653.10
1500.00.062	SYR Alternating water softener LEX Connect 60	40	4017905219167	2	9,087.00
1500.00.080	SYR Single water softener LEX 1500 Connect 80	32	4017905211710	2	6,011.30
1500.00.082	SYR Alternating water softener LEX Connect 80	40	4017905219181	2	9,720.35
1500.00.100	SYR Single water softener LEX 1500 Connect 100	32	4017905211734	2	6,309.70
1500.00.102	SYR Alternating water softener LEX Connect 100	40	4017905219204	2	10,828.75
1500.00.900	SYR Control head for Triple Water softener LEX Connect T5	42	4017905279741	2	898.80
1500.00.901	SYR Salt container for LEX Connect 20 + 30	30	4017905175807	2	446.25
1500.00.903	SYR Control head for LEX Connect 10	30	4017905175821	2	898.80
1500.00.904	SYR Sealing material for LEX Connect	30	4017905175838	2	4.60
1500.00.905	SYR Flexible connecting hoses for LEX Connect	30	4017905175845	2	148.60
1500.00.906	SYR Connect control for LEX Connect 10	30	4017905176118	2	976.90
1500.00.907	SYR Connect control for LEX Connect 20	30	4017905176125	2	976.90
1500.00.908	SYR Connect control for LEX Connect 30	30	4017905176132	2	976.90
1500.00.912	SYR Cover with lid for LEX Connect	30	4017905176316	2	234.25
1500.00.913	SYR Salt container for LEX Connect 10	30	4017905176323	2	304.15
1500.00.914	SYR Connect control for duplex water softener LEX Connect 10	34	4017905176996	2	979.75
1500.00.915	SYR Connect control for duplex water softener LEX Connect 20	34	4017905177009	2	979.75
1500.00.916	SYR Connect control for duplex water softener LEX Connect 30	34	4017905177016	2	979.75
1500.00.920	SYR Control head for LEX Connect 20	30	4017905181174	2	898.80
1500.00.921	SYR Control head for LEX Connect 30	30	4017905181181	2	898.80
1500.00.922	SYR Maintenance case for LEX 1500 Connect	34	4017905188272	2	1,745.40
1500.00.923	SYR Lid for cover for LEX Connect	30	4017905193146	2	52.85
1500.00.926	SYR Resin bottle 10l for LEX Connect 10	31	4017905200363	2	520.45
1500.00.927	SYR Resin bottle 20l for LEX Connect 20 and LEX T1	31	4017905200370	2	572.40
1500.00.928	SYR Resin bottle 30l for LEX Connect 30 and LEX T2	31	4017905200387	2	629.30
1500.00.929	SYR John-Guest-connecting angle for LEX Connect	31	4017905202749	2	68.95
1500.00.930	SYR Maintenance kit for LEX Connect	30	4017905204477	2	122.40
1500.00.932	SYR Salt container for Triple Water softener LEX Connect T2	42	4017905205399	2	719.60
1500.00.933	SYR Salt container for Triple Water softener LEX Connect T3 and T4	42	4017905205405	2	811.35
1500.00.934	SYR Control head for alternating water softener LEX Connect 10	38	4017905205818	2	898.80
1500.00.935	SYR Control head for alternating water softener LEX Connect 20	38	4017905205825	2	898.80
1500.00.936	SYR Control head for alternating water softener LEX Connect 30	38	4017905205832	2	898.80
1500.00.937	SYR Control head for Triple Water softener LEX Connect T3	42	4017905205849	2	898.80
1500.00.938	SYR Control head for Triple Water softener LEX Connect T4	42	4017905205856	2	898.80



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
1500.00.939	SYR Resin bottle 60l for Triple Water softener LEX Connect T3	43	4017905205863	2	760.95
1500.00.940	SYR Resin bottle 90l for Triple Water softener LEX Connect T4	43	4017905205870	2	871.00
1500.00.941	SYR Connect Control for Triple Water softener LEX Connect T1	42	4017905205887	2	979.75
1500.00.942	SYR Connect Control for Triple Water softener LEX Connect T2	42	4017905205894	2	979.75
1500.00.943	SYR Connect Control for Triple Water softener LEX Connect T3	42	4017905205900	2	979.75
1500.00.944	SYR Connect Control for Triple Water softener LEX Connect T4	42	4017905205917	2	979.75
1500.00.945	SYR Cover control head for LEX Connect	30	4017905211017	2	31.85
1500.00.947	SYR Blending valve for triple distributor	34	4017905218443	2	265.85
1500.00.948	SYR Power plug for LEX Connect with plastics display	31	4017905218481	2	111.10
1500.00.950	SYR Blending valve for dual manifold for alternating water softener LEX Connect	40	4017905218900	2	493.65
1500.00.951	SYR Connect Control for alternating water softener LEX Connect 10	38	4017905219518	2	979.75
1500.00.953	SYR Connect Control for alternating water softener LEX Connect 20	38	4017905219532	2	979.75
1500.00.955	SYR Connect Control for alternating water softener LEX Connect 30	38	4017905219556	2	979.75
1500.00.964	SYR Motor with cable loom for LEX Connect	31	4017905219709	2	334.55
1500.00.965	SYR Chlorine cell for LEX Connect	30	4017905221894	2	179.20
1500.00.967	SYR Salt container for Triple Water softener LEX Connect T1	42	4017905241700	2	637.25
1500.00.968	SYR Optical eye for LEX Connect	31	4017905248648	2	74.35
1500.00.982	SYR Belimo shut-off-valve for LEX Connect alternating & T-water softener	38	4017905275323	2	449.75
1500.00.986	SYR Control box for LEX Connect alternating & T-water softener	38	4017905270915	2	543.85
1500.00.987	SYR Resin bottle 125l for Triple Water softener LEX Connect T5	43	4017905290746	2	1,053.65
1500.00.988	SYR Salt container for Triple Water softener LEX Connect T5	42	4017905290746	2	1,352.10
1500.00.998	SYR Disinfectant for water softeners	29	4017905278218	2	53.65
1500.00.999	SYR Connect Control for Triple Water softener LEX Connect T5	42	4017905279758	2	979.75
1500.01.010	SYR Single water softener LEX Plus 10 Connect	24	4017905224031	2	2,800.55
1500.01.011	SYR Single water softener LEX Plus 10 S Connect	26	4017905271264	2	2,800.55
1500.01.012	SYR Single water softener LEX Plus 10 SL Connect	28	4017905272551	2	3,180.35
1500.01.013	SYR Connection fitting garden for NeoSoft 5000 Connect	23	4017905293365	2	273.80
1500.01.900	SYR Maintenance set for LEX Plus 10 / S / SL Connect	25	4017905232760	2	121.80
1500.01.901	SYR control head complete for LEX Plus 10 Connect	24	4017905232777	2	435.15
1500.01.902	SYR Drive piston complete zur LEX Plus 10 / S / SL Connect	24	4017905232784	2	362.05
1500.01.903	SYR Drive unit complete zur LEX Plus 10 / S / SL Connect	24	4017905232791	2	116.45
1500.01.904	SYR Resin bottle complete for LEX Plus 10 / S / SL Connect	24	4017905232807	2	241.95
1500.01.905	SYR Filling level unit for LEX Plus 10 / S / SL Connect	24	4017905232814	2	126.75
1500.01.906	SYR Control unit complete for LEX Plus 10 Connect	24	4017905232821	2	657.25
1500.01.907	SYR Cabinet cover for LEX Plus 10 / S / SL Connect	24	4017905232838	2	106.20
1500.01.908	SYR Cabinet for LEX Plus 10 / S / SL Connect	24	4017905232845	2	216.90
1500.01.911	SYR Wiring harness brine pipe for LEX Plus 10 / S / SL Connect	24	4017905232876	2	55.50
1500.01.912	SYR Wiring harness control head for LEX Plus 10 / S / SL Connect	24	4017905232883	2	53.95
1500.01.913	SYR Wiring harness blending valve for LEX Plus 10 Connect	24	4017905232890	2	43.85
1500.01.914	SYR Board control head for LEX Plus 10 / S / SL Connect	24	4017905232906	2	122.70
1500.01.915	SYR Power supply for water softeners, SafeTech, SafeTech+ and HygBox	18	4017905232913	2	39.00
1500.01.916	SYR Bypass- and blending valve for LEX Plus 10 Connect	24	4017905232920	2	462.35
1500.01.917	SYR Pressure sensor for LEX Plus 10 Connect	24	4017905232937	2	51.20
1500.01.918	SYR Reed-contact for LEX Plus 10 Connect	24	4017905232944	2	47.00
1500.01.919	SYR Turbine for LEX Plus 10 Connect	24	4017905232951	2	36.85
1500.01.920	SYR Chlorinator for LEX Plus 10 / S / SL Connect	24	4017905232968	2	118.45
1500.01.921	SYR Sealing set for LEX Plus 10 / S / SL Connect	24	4017905232975	2	15.05
1500.01.922	SYR Magnetic valve for LEX Plus 10 / S / SL Connect	24	4017905232982	2	47.80
1500.01.928	SYR Adapter connection for hose extension for LEX Plus 10 / S / SL Connect	25	4017905259682	2	55.30
1500.01.929	SYR Armoured hose for LEX Plus 10 / S / SL Connect	25	4017905259590	3	89.10
1500.01.935	SYR Extension for flat cable 1.5 m for LEX Plus 10 Connect (DVGW)	24	4017905263023	2	16.95
1500.01.940	SYR Sealing kit for LEX Plus 10 / S / SL Connect (DVGW)	25	4017905271035	2	4.75
1500.01.941	SYR Sandwich blending valve for LEX Plus 10 S Connect	26	4017905272025	2	366.75
1500.01.944	SYR Resin bottle 8.8L with control head for LEX Plus 10 Connect (DVGW)	25	4017905272285	2	677.20
1500.01.945	SYR Piston plate for LEX Plus 10 / S / SL Connect (DVGW)	25	4017905273411	2	26.55



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
1500.01.946	SYR Lid for Cover for all LEX Connect devices	25	4017905273664	2	29.60
1500.01.947	SYR Control unit complete for LEX Plus 10 S Connect	26	4017905274111	2	657.25
1500.01.948	SYR LED as spare part for LEX Plus 10 Connect (DVGW)	24	4017905274623	2	86.30
1500.01.950	SYR Control head complete for LEX Plus 10 S + SL Connect	26	4017905275361	2	499.10
1500.01.951	SYR Long armoured hose set 1.85m with cable for LEX Plus 10 Connect	24	4017905276764	2	257.35
1500.01.952	SYR Long armoured hose set 1.85m for LEX Plus 10 S + SL Connect	26	4017905276771	2	240.30
1500.01.953	SYR Turbine control head for LEX Plus 10 Connect (DVGW)	24	4017905276931	2	158.35
1500.01.955	SYR Control unit complete for LEX Plus 10 SL Connect	29	4017905279833	2	657.25
1500.01.956	SYR Sandwich connecting valve with leakage protection for LEX Plus 10 SL Connect	29	4017905279840	2	867.40
1500.01.966	SYR Armored hose set (angle 1.85 m) for NeoSoft 5000 Connect	23	4017905302432	2	240.30
1500.02.010	SYR Duplex Water softener LEX Connect LEX 10	34	4017905204576	2	4,899.20
1500.02.020	SYR Duplex Water softener LEX Connect LEX 20	34	4017905204583	2	5,435.15
1500.02.030	SYR Duplex Water softener LEX Connect LEX 30	34	4017905204590	2	6,297.50
1500.02.040	SYR Duplex Water softener LEX Connect LEX 40	36	4017905218801	2	6,979.65
1500.02.060	SYR Duplex Water softener LEX Connect LEX 60	36	4017905218825	2	7,326.75
1500.02.080	SYR Duplex Water softener LEX Connect LEX 80	36	4017905218849	2	8,112.45
1500.02.100	SYR Duplex Water softener LEX Connect LEX 100	36	4017905218863	2	9,032.05
1500.32.000	SYR Double flange with isolating valve, DN 32	24	4017905269759	2	552.75
1500.40.000	SYR Double flange with isolating valve, DN 40	24	4017905269766	2	585.20
1500.50.000	SYR Double flange with isolating valve, DN 50	24	4017905269773	2	617.70
1700.00.001	SYR Shut off- and bypass valve for LEX Connect water softeners	30	4017905177931	2	421.55
1700.00.002	SYR Shut off- and bypass valve for LEX-T Connect and Duplex water softeners	34	4017905205368	2	143.85
1915.15.000	SYR Pressure relief valve 1915 DN 15, 2.5 bar	162	4017905000017	1	18.95
1915.15.001	SYR Pressure relief valve 1915 DN 15, 3 bar	162	4017905006538	1	18.95
1915.15.XXX	SYR Pressure relief valve 1915 DN 15, special setting	162		1	75.90
1915.20.000	SYR Pressure relief valve 1915 DN 20, 2.5 bar	162	4017905006552	1	29.35
1915.20.001	SYR Pressure relief valve 1915 DN 20, 3 bar	162	4017905006569	1	29.35
1915.20.XXX	SYR Pressure relief valve 1915 DN 20, special setting	162		1	94.60
1915.25.000	SYR Pressure relief valve 1915 DN 25, 2.5 bar	162	4017905006583	1	51.95
1915.25.001	SYR Pressure relief valve 1915 DN 25, 3 bar	162	4017905006590	1	51.95
1915.25.XXX	SYR Pressure relief valve 1915 DN 25, special setting	162		1	125.15
1915.32.000	SYR Pressure relief valve 1915 DN 32, 2.5 bar	162	4017905006606	1	125.50
1915.32.001	SYR Pressure relief valve 1915 DN 32, 3 bar	162	4017905006613	1	125.50
1915.32.XXX	SYR Pressure relief valve 1915 DN 32, special setting	162		1	270.25
1915.40.000	SYR Pressure relief valve 1915 DN 40, 2.5 bar	162	4017905006644	1	353.90
1915.40.001	SYR Pressure relief valve 1915 DN 40, 3 bar	162	4017905006651	1	353.90
1915.40.XXX	SYR Pressure relief valve 1915 DN 40, special setting	162		1	760.90
1915.50.000	SYR Pressure relief valve 1915 DN 50, 2.5 bar	162	4017905006675	1	402.50
1915.50.001	SYR Pressure relief valve 1915 DN 50, 3 bar	162	4017905006699	1	402.50
1915.50.XXX	SYR Pressure relief valve 1915 DN 50, special setting	162		1	865.50
1916.15.000	SYR Cartridge 1916 for MSV 1915 DN 15, 2.5 bar	163	4017905006705	1	35.55
1916.15.001	SYR Cartridge 1916 for MSV 1915 DN 15, 3 bar	163	4017905006620	1	35.55
1917.15.000	SYR Pressure relief valve 1917 DN 15, 3 bar	166	4017905006637	1	16.30
1917.15.001	SYR Pressure relief valve 1917 DN 15, 2.5 bar	166	4017905006668	1	16.30
1917.15.002	SYR Pressure relief valve 1917.1 DN 15, 3 bar	166	4017905059503	1	16.50
1917.15.003	SYR Pressure relief valve 1917.1 DN 15, 2.5 bar	166	4017905056670	1	16.50
1917.15.007	SYR Pressure relief valve 1917.1 DN 15, 1.5 bar	166		1	16.50
1917.20.000	SYR Pressure relief valve 1917 DN 20, 3 bar	166	4017905006682	1	25.50
1917.20.001	SYR Pressure relief valve 1917 DN 20, 2.5 bar	166	4017905006712	1	25.50
1917.20.007	SYR Pressure relief valve 1917.7 DN 20, 1.5 bar	166	4017905047692	1	24.85
1917.20.013	SYR Pressure relief valve 1917.7 DN 20, 3 bar	166	4017905041850	1	24.85
1917.20.015	SYR Pressure relief valve 1917.6 DN 20, 2.5 bar	166	4017905055888	1	20.85
1917.20.016	SYR Pressure relief valve 1917.7 DN 20, 2 bar	166	4017905059510	1	24.85
1917.20.027	SYR Pressure relief valve 1917.6 DN 20, 1.5 bar	166	4017905138789	1	20.85
1917.20.028	SYR Pressure relief valve 1917.6 DN 20, 3 bar	166	4017905138796	1	20.85

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
1917.20.029	SYR Pressure relief valve 1917.6 DN 20, 3,5 bar	166	4017905138802	1	20.85
1917.20.030	SYR Pressure relief valve 1917.6 DN 20, 4 bar	166	4017905138819	1	20.85
1917.20.031	SYR Pressure relief valve 1917.6 DN 20, 4,5 bar	166	4017905138826	1	20.85
1917.20.032	SYR Pressure relief valve 1917.6 DN 20, 5 bar	166	4017905138833	1	20.85
1998.00.900	SYR Bracket for JETFI 1998, Blue	68	4017905271417	1	9.60
1998.00.903	SYR Flange cover for JETFI 1998	68	4017905271448	1	6.85
1998.20.200	SYR JETFI 1998, DN 20	68	4017905271400	1	131.30
1998.25.200	SYR JETFI 1998, DN 25	68	4017905280846	1	138.20
2000.00.906	SYR Pressure gauge for DWU-Flange 2000 Plus G1/4 0-10 bar	53	4017905032667	1	21.45
2000.00.907	SYR Pressure gauge for DWU-Flange 2000 Plus G1/4 0-25 bar	53	4017905032674	1	21.45
2000.00.910	SYR Check valve complete for DWU 2000 Plus	53	4017905092098	1	35.35
2000.00.920	SYR Isolating valve for DWU 2000 Plus	53	4017905176491	1	12.95
2000.20.015	SYR DWU-Flange 2000, DN 20	52	4017905034005	1	165.95
2000.25.015	SYR DWU-Flange 2000, DN 25	52	4017905034036	1	185.20
2000.25.907	SYR Assembly key for filter cup Drufi+ DN20 - 32	49	4017905169431	1	22.95
2000.32.015	SYR DWU-Flange 2000, DN 32	52	4017905034067	1	209.05
2115.15.000	SYR Pressure relief valve 2115 DN 15 6 bar brass	128	4017905000284	1	19.00
2115.15.001	SYR Pressure relief valve 2115 DN 15 8 bar brass	128	4017905007108	1	19.00
2115.15.002	SYR Pressure relief valve 2115 DN 15 10 bar brass	128	4017905007115	1	19.00
2115.15.200	SYR Pressure relief valve 2115 DN 15 6 bar stainless, brass	128	4017905061728	1	25.85
2115.15.201	SYR Pressure relief valve 2115 DN 15 8 bar stainless, brass	128	4017905061735	1	25.85
2115.15.202	SYR Pressure relief valve 2115 DN 15 10 bar stainless, brass	128	4017905061742	1	25.85
2115.15.XXX	SYR Pressure relief valve 2115 DN 15, special setting	129		1	75.90
2115.20.000	SYR Pressure relief valve 2115 DN 20 6 bar brass	128	4017905000291	1	29.40
2115.20.001	SYR Pressure relief valve 2115 DN 20 8 bar brass	128	4017905007191	1	29.40
2115.20.002	SYR Pressure relief valve 2115 DN 20 10 bar brass	128	4017905007207	1	29.40
2115.20.015	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 6 bar stainless, brass	112	4017905007221	1	45.75
2115.20.016	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 8 bar stainless, brass	112	4017905007238	1	45.75
2115.20.017	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 10 bar stainless, brass	112	4017905007245	1	45.75
2115.20.073	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 6 bar stainless, leadfree	114	4017905300896	1	45.75
2115.20.074	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 8 bar stainless, leadfree	114	4017905300902	1	45.75
2115.20.075	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 10 bar stainless, leadfree	114	4017905300919	1	45.75
2115.20.200	SYR Pressure relief valve 2115 DN 20, 6 bar stainless, brass	128	4017905061759	1	36.50
2115.20.201	SYR Pressure relief valve 2115 DN 20, 8 bar stainless, brass	128	4017905061766	1	36.50
2115.20.202	SYR Pressure relief valve 2115 DN 20, 10 bar stainless, brass	128	4017905061773	1	36.50
2115.20.XXX	SYR Pressure relief valve 2115 DN 20, special setting	129		1	94.60
2115.25.000	SYR Pressure relief valve 2115 DN 25, 6 bar, brass	128	4017905006842	1	52.00
2115.25.001	SYR Pressure relief valve 2115 DN 25, 8 bar, brass	128	4017905006859	1	52.00
2115.25.002	SYR Pressure relief valve 2115 DN 25, 10 bar, brass	128	4017905006866	1	52.00
2115.25.XXX	SYR Pressure relief valve 2115 DN 25, special setting	129		1	125.15
2115.32.000	SYR Pressure relief valve 2115 DN 32, 6 bar, brass	128	4017905006873	1	125.60
2115.32.001	SYR Pressure relief valve 2115 DN 32, 8 bar, brass	128	4017905006880	1	125.60
2115.32.002	SYR Pressure relief valve 2115 DN 32, 10 bar, brass	128	4017905006897	1	125.60
2115.32.XXX	SYR Pressure relief valve 2115 DN 32, special setting	129		1	270.25
2115.40.000	SYR Pressure relief valve 2115 DN 40, 6 bar, brass	128	4017905006910	1	354.30
2115.40.001	SYR Pressure relief valve 2115 DN 40, 8 bar, brass	128	4017905006927	1	354.30
2115.40.002	SYR Pressure relief valve 2115 DN 40, 10 bar, brass	128	4017905006934	1	354.30
2115.40.XXX	SYR Pressure relief valve 2115 DN 40, special setting	129		1	760.90
2115.50.000	SYR Pressure relief valve 2115 DN 50, 6 bar, brass	128	4017905006941	1	402.85
2115.50.001	SYR Pressure relief valve 2115 DN 50, 8 bar, brass	128	4017905006958	1	402.85
2115.50.002	SYR Pressure relief valve 2115 DN 50, 10 bar, brass	128	4017905006965	1	402.85
2115.50.XXX	SYR Pressure relief valve 2115 DN 50, special setting	129		1	865.50
2116.20.000	SYR PRV-exchange cartridge 2116 DN 15+20 6 bar, brass	129	4017905000277	1	35.65
2116.20.001	SYR PRV-exchange cartridge 2116 DN 15+20 8 bar, brass	129	4017905007009	1	35.65
2116.20.002	SYR PRV-exchange cartridge 2116 DN 15+20 10 bar, brass	129	4017905007047	1	35.65



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
2116.20.060	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 6 bar	106	4017905069632	1	21.30
2116.20.061	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 8 bar	106	4017905058247	1	21.30
2116.20.062	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 10 bar	106	4017905058254	1	21.30
2117.15.000	SYR Pressure relief valve 2117 DN 15, 6 bar, brass	130	4017905006972	1	18.95
2117.15.001	SYR Pressure relief valve 2117 DN 15, 8 bar, brass	130	4017905007016	1	18.95
2117.15.002	SYR Pressure relief valve 2117 DN 15, 10 bar, brass	130	4017905007023	1	18.95
2117.15.200	SYR Pressure relief valve 2117.11 DN 15, brass	130		1	25.75
2117.20.000	SYR Pressure relief valve 2117 DN 20, 6 bar, brass	130	4017905007030	1	29.30
2117.20.001	SYR Pressure relief valve 2117 DN 20, 8 bar, brass	130	4017905007054	1	29.30
2117.20.002	SYR Pressure relief valve 2117 DN 20, 10 bar, brass	130	4017905007276	1	29.30
2117.20.200	SYR Pressure relief valve 2117.11 DN 20, brass	130		1	36.40
2128.15.000	SYR Filling group 2128 DN 15	175	4017905007290	1	79.95
2128.20.000	SYR Filling group 2128 DN 20	175	4017905026130	1	96.70
2303.15.053	SYR P&T valve with male thread, DN 15, 3 bar	131	4017905271721	1	21.85
2303.15.054	SYR P&T valve with male thread, DN 15, 4 bar	131	4017905271738	1	21.85
2303.15.056	SYR P&T valve with male thread, DN 15, 6 bar	131	4017905271745	1	21.85
2303.15.057	SYR P&T valve with male thread, DN 15, 7 bar	131	4017905271752	1	21.85
2303.15.058	SYR P&T valve with male thread, DN 15, 8 bar	131	4017905271769	1	21.85
2303.15.060	SYR P&T valve with male thread, DN 15, 10 bar	131	4017905271776	1	21.85
2303.20.000	SYR P&T valve with male thread and second connection, DN 20	131		1	26.55
2303.20.053	SYR P&T valve with male thread, DN 20, 3 bar	131	4017905271660	1	23.30
2303.20.054	SYR P&T valve with male thread, DN 20, 4 bar	131	4017905271677	1	23.30
2303.20.056	SYR P&T valve with male thread, DN 20, 6 bar	131	4017905271684	1	23.30
2303.20.057	SYR P&T valve with male thread, DN 20, 7 bar	131	4017905271691	1	23.30
2303.20.058	SYR P&T valve with male thread, DN 20, 8 bar	131	4017905271707	1	23.30
2303.20.060	SYR P&T valve with male thread, DN 20, 10 bar	131	4017905271714	1	23.30
2303.25.XXX	SYR P&T valve with female thread, DN 25	131		1	50.95
2303.32.XXX	SYR P&T valve with female thread, DN 32	131		1	248.85
2303.40.XXX	SYR P&T valve with female thread, DN 40	131		1	447.85
2303.50.XXX	SYR P&T valve with female thread, DN 50	131		1	489.80
2312.00.3XX	SYR Safety inlet control group 2312, 22 mm	127		1	53.75
2312.20.2XX	SYR Safety group Multibloc 2312, 22 mm	126		1	55.40
2314.00.903	SYR O-Ring for Filter cup for DUO HOT	58	4017905121651	1	6.50
2314.00.904	SYR Assembly key for filter cup for DUO HOT DFR/FR	58	4017905122726	1	22.95
2314.00.905	SYR Filter cup for DUO HOT DFR/FR	58	4017905124812	1	122.60
2314.00.907	SYR Pressure gauge for DUO HOT DFR/FR	58	4017905124409	1	21.45
2314.20.000	SYR Pressure reducing valve/Backwash filter DUO 2314 DFR, DN 20	56	4017905115353	1	263.45
2314.20.001	SYR Backwash filter DUO 2314 FR, DN 20	56	4017905115360	1	212.65
2314.20.004	SYR Pressure reducing valve/Backwash filter DUO HOT 2314 DFR, DN 20	58	4017905124072	1	263.45
2314.20.005	SYR Pressure reducing valve/Backwash filter DUO HOT 2314 DFR, DN 25	58	4017905124089	1	212.65
2314.25.000	SYR Pressure reducing valve/Backwash filter DUO 2314 DFR, DN 25	56	4017905115377	1	270.25
2314.25.001	SYR Backwash filter DUO 2314 FR, DN 25	56	4017905115384	1	219.20
2314.25.004	SYR Backwash filter DUO 2314 FR HOT, DN 20	58	4017905124096	1	270.25
2314.25.005	SYR Backwash filter DUO 2314 FR HOT, DN 25	58	4017905124102	1	219.20
2315.00.071	SYR Combination flange DN20 - DN32	55	4017905109222	2	306.55
2315.00.920	SYR Drain plug for Domestic water unit 2000 Plus	53	4017905165761	1	20.30
2315.00.929	SYR Valve body for Drufi+ FR	49	4017905167826	1	145.40
2315.00.930	SYR Filter for Drufi+ DFR/FR	49	4017905167789	1	63.40
2315.00.931	SYR Flange seal	49	4017905027281	1	20.55
2315.00.932	SYR Guide sleeve for Drufi+ FR	49	4017905180917	1	58.60
2315.00.944	SYR Flange seal with screws for Drufi+ max	51	4017905052993	1	41.50
2315.00.961	SYR Spring for Drufi+ DFR/FR	49	4017905167758	1	20.55
2315.01.200	SYR Pressure reducing valve/Backwash filter Drufi+ 2315 DFR, int.	48	4017905173278	1	324.85
2315.01.201	SYR Backwash filter Drufi+ 2315 FR, int.	48	4017905173285	1	281.50
2315.01.202	SYR Pressure reducing valve/Backwash filter Drufi+ max 2315 DFR, int.	50	4017905240239	1	714.55

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
2315.01.203	SYR Backwash filter Drufi+ max 2315 FR, int.	50	4017905240246	1	642.45
2315.01.911	SYR Blanking cup for all Universal Flanges DN32 - DN 50	55	4017905258432	1	27.15
2315.01.914	SYR Filter cup for Drufi+ DFR up to 2015	49	4017905175913	1	148.60
2315.01.915	SYR Filter cup for Drufi+ FR	49	4017905175920	1	148.60
2315.01.918	SYR Valve body for Drufi+ DFR	49	4017905175951	1	145.40
2315.01.919	SYR Cover for Drufi+	49	4017905176170	1	27.85
2315.01.920	SYR Pressure gauge 0 - 10 bar for Drufi+ DFR	49	4017905176187	1	23.30
2315.01.921	SYR Tundish for Drufi+ DFR/FR and TRIO DFR/LS	10	4017905176194	1	13.85
2315.01.922	SYR O-Ring for filter cup for Drufi+	49	4017905176200	1	4.75
2315.01.923	SYR Backwash knob for Drufi+ DFR/FR	49	4017905176217	1	9.30
2315.01.924	SYR Angle tundish for Drufi+ DFR/FR and max	49	4017905176286	1	18.60
2315.01.925	SYR Pressure reducing cartridge für Drufi+ DFR up to 2015	49	4017905176910	1	106.65
2315.01.927	SYR Assembly key for filter cup for Drufi+ max DFR/FR	51	4017905196000	1	37.90
2315.01.930	SYR Pressure gauge for Drufi+ max DFR	54	4017905192903	1	23.30
2315.01.931	SYR Valve body complete for Drufi+ max	51	4017905192804	1	351.60
2315.01.932	SYR Filter insert for Drufi+ max	51	4017905192811	1	178.25
2315.01.933	SYR Guide sleeve for Drufi+ max FR	51	4017905192828	1	133.10
2315.01.934	SYR Pressure reducing cartridge for Drufi+ max	51	4017905192958	1	170.20
2315.01.935	SYR Spring for Drufi+ max	51	4017905192835	1	36.70
2315.01.936	SYR Filter cup for Drufi+ max DFR	51	4017905192910	1	208.20
2315.01.937	SYR Filter cup for Drufi+ max FR	51	4017905192927	1	208.20
2315.01.940	SYR O-Rings for Filter cup for Drufi+ max	51	4017905192842	1	8.35
2315.01.941	SYR Backwash knob for Drufi+ max	51	4017905192859	1	29.00
2315.01.943	SYR Tundish for Drufi+ max	51	4017905192873	1	20.50
2315.01.946	SYR Filter for Drufi+ DFR/FR, 40 ↔m	49	4017905271813	1	63.40
2315.01.965	SYR Filter for Drufi+ DFR/FR, 20 ↔m	49	4017905190152	1	63.40
2315.01.970	SYR Pressure reducing cartridge für Drufi+ DFR from 2016	49	4017905221337	1	106.65
2315.01.971	SYR Filter cup for Drufi+ DFR from 2016	49	4017905221344	1	122.60
2315.20.025	SYR Press flange 22 mm	52	4017905089166	1	76.05
2315.20.200	SYR Universal flange 2315 DN 20	52	4017905007429	1	74.20
2315.25.025	SYR Press flange 28 mm	52	4017905089173	1	89.15
2315.25.200	SYR Universal flange 2315 DN 25	52	4017905007450	1	94.90
2315.32.025	SYR Press flange 35 mm	52	4017905089180	1	105.75
2315.32.200	SYR Universal flange 2315 DN 32	52	4017905007481	1	119.25
2315.32.201	SYR Universal flange max 2315 DN 32, int.	54	4017905038737	1	186.15
2315.40.201	SYR Universal flange max 2315 DN 40, int.	54	4017905034647	1	232.35
2315.50.201	SYR Universal flange max 2315 DN 50, int.	54	4017905034654	1	265.75
2316.00.200	SYR Automatic backwash system for Drufi+/HWS+ from 2013, int.	74	4017905193849	1	367.30
2316.00.905	SYR Power pack (6 V) for RSA 2316	74	4017905167864	1	67.05
2320.00.901	SYR Blanking cup for all Universal Flanges up to DN32	55	4017905044110	1	24.15
2340.00.900	SYR Filter element for DUO HOT DFR/FR	58	4017905082693	1	54.15
2350.00.901	SYR Valve body complete for DUO DFR/FR	56	4017905171809	1	67.05
2350.00.903	SYR Filter complete for DUO DFR/FR	56	4017905171823	1	79.55
2350.00.904	SYR Filter cup compl. with ball valve for DUO DFR/FR from 2012	56	4017905171830	1	110.10
2350.00.906	SYR Assembly key for filter cup for DUO DFR/FR	56	4017905175326	1	22.95
2350.00.907	SYR O-Ring for DUO DFR/FR from 2012	56	4017905189712	1	6.50
2422.00.010	SYR SafeTech+ Connect 2422 leakage protection	12	4017905284783	2	849.25
2422.00.200	SYR SafeFloor Floor sensor for SafeTech/SafeTech+ 2422 and TRIO DFR/LS	16	4017905274401	2	119.40
2422.00.900	SYR Strainer for SafeTech/SafeTech+ 2422	13	4017905279772	2	9.80
2422.00.901	SYR Conductivity measuring cartridge for SafeTech/SafeTech+ 2422	13	4017905279789	2	35.85
2422.00.902	SYR Pressure sensor with wire for SafeTech/SafeTech+ 2422	13	4017905279796	2	65.15
2422.00.903	SYR Reed contact for SafeTech/SafeTech+ 2422	13	4017905279802	2	29.35
2422.00.904	SYR Temperature sensor for SafeTech/SafeTech+ 2422	13	4017905279819	2	32.65
2422.00.905	SYR DC built-in socket with wire for SafeTech/SafeTech+ 2422	13	4017905279826	2	11.65
2422.20.200	SYR SafeTech leakage protection, DN 20	14	4017905273930	2	692.90

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
2422.25.200	SYR SafeTech leakage protection, DN 25	14	4017905273947	2	703.30
2422.32.200	SYR SafeTech leakage protection, DN 32	14	4017905273954	2	717.70
2425.00.000	SYR TRIO DFR/LS Connect 2425	10	4017905292917	2	703.10
2425.00.902	SYR Pressure reducer for TRIO DFR/LS	10	4017905296571	2	106.65
2425.00.903	SYR Gasket set for TRIO DFR/LS	10	4017905296588	2	9.05
2425.00.904	SYR O-ring for filter cup for TRIO DFR/LS	10	4017905296595	2	3.95
2425.00.906	SYR Pressure gauge for TRIO DFR/LS	10	4017905296632	2	23.30
2425.00.907	SYR Key for filter cup for TRIO DFR/LS	10	4017905299619	2	24.25
2425.00.908	SYR Plug for TRIO DFR/LS	10	4017905300117	2	3.95
2425.00.909	SYR Filter element for TRIO DFR/LS	10	4017905300124	2	70.20
2425.00.911	SYR Adapter for filter cup for TRIO DFR/LS	10	4017905300131	2	20.30
2425.00.912	SYR Filter cup complete for TRIO DFR/LS	10	4017905300148	2	114.75
2500.00.000	SYR NeoSoft 2500 Connect Single water softener	20	4017905305839	2	2,800.55
2500.00.900	SYR Board unit with display for NeoSoft 2500 Connect	21	4017905308199	2	578.00
2500.00.901	SYR Control head for NeoSoft 2500 Connect	21	4017905308205	2	668.00
2500.00.902	SYR Maintenance set for NeoSoft 2500 Connect	21	4017905308212	2	162.00
2500.00.903	SYR Connection cable for Mainboard for NeoSoft 2500 Connect	21	4017905308267	2	23.50
2500.00.904	SYR Wiring harness solenoid valve for NeoSoft 2500 Connect	21	4017905308274	2	22.90
2500.00.905	SYR Wiring harness for brine turbine for NeoSoft 2500 Connect	21	4017905308281	2	22.90
2622.00.900	SYR Connection set siphon as accessory for HygBox Connect 2622	18	4017905281584	2	97.15
2622.00.901	SYR Connection set waste water as accessory for HygBox Connect 2622	18	4017905281591	2	69.10
2622.00.902	SYR Connection set 2 Boxes as accessory for HygBox Connect 2622	18	4017905281607	2	50.95
2622.00.903	SYR Wall bracket for HygBox Connect 2622	18	4017905290814	2	6.85
2622.00.904	SYR Cartridge valve for HygBox Connect 2622	18	4017905290821	2	89.10
2622.00.905	SYR Cable for pressure sensor for HygBox Connect 2622	18	4017905290838	2	79.95
2622.00.906	SYR Temperature sensor for HygBox Connect 2622	18	4017905290906	2	23.80
2622.00.907	SYR Reed-Contact 2.5 mm for HygBox Connect 2622	18	4017905290913	2	58.45
2622.00.908	SYR Reed-Contact 4 mm for HygBox Connect 2622	18	4017905290920	2	58.45
2622.00.909	SYR Adhesive set for wall bracket for HygBox Connect 2622	18	4017905290937	2	22.95
2622.15.000	SYR HygBox Connect 2622	18	4017905281577	2	489.90
3000.00.911	SYR Salt for regeneration progress for water softeners	21	4017905109086	2	34.75
3000.00.913	SYR Hardness tester for water softeners	147	4017905110143	2	67.20
3000.00.937	SYR Hardness tester mini for heating water	147	4017905284776	2	49.00
3065.20.000	SYR Thermal safety valve 3065 DN 20 with capillary tube 1.3m	172	4017905007566	1	159.80
3065.20.001	SYR Thermal safety valve 3065 DN 20 with capillary tube 5m	172	4017905007580	1	319.60
3065.20.006	SYR Thermal safety valve 3065, 55 °C, DN 20 with capillary tube 5m	172	4017905048613	1	319.60
3065.20.902	SYR Immersion sleeve for Thermal safety valve	172	4017905007641	1	28.95
3065.20.903	SYR Temperature probe for Thermal safety valve with capillary tube 1.3m	172	4017905007610	1	122.20
3065.20.906	SYR Temperature probe for Thermal safety valve. with capillary tube 5m	172	4017905007634	1	243.60
3065.20.909	SYR Screw cap for Thermal safety valve	172	4017905011686	1	12.25
3065.20.911	SYR Stuffing box for 3065 for Thermal safety valve up to 04/89	172	4017905007658	1	16.55
3065.20.918	SYR Spring for Thermal safety valve	172	4017905007689	1	1.15
3065.20.920	SYR Valve unit for Thermal safety valve	172	4017905007696	1	70.20
3065.20.921	SYR Piston for 3065 for Thermal safety valve from 04/89	172	4017905007702	1	20.15
3100.00.010	SYR Dosing pump NeoDos 3100 Connect	44	4017905287289	2	1,882.90
3100.00.011	SYR Connection set LEX plus series for NeoDos 3100 Connect	45	4017905287746	2	66.85
3100.00.919	SYR Dosing solution DL 1 10 litres for NeoDos 3100 Connect	45	4017905287722	2	91.25
3100.00.920	SYR Dosing solution DL 2 10 litres for NeoDos 3100 Connect	45	4017905287739	2	91.25
3100.00.921	SYR Dosing solution DL 1 5 litres for NeoDos 3100 Connect	45	4017905290692	2	60.15
3100.00.922	SYR Dosing solution DL 2 5 litres for NeoDos 3100 Connect	45	4017905290708	2	60.15
3100.00.923	SYR Hose-set for NeoDos 3100 Connect	45	4017905293983	2	12.90
3100.00.924	SYR Membrane set for NeoDos 3100 Connect	45	4017905294003	2	4.20
3100.00.925	SYR Electronic box for NeoDos 3100 Connect	45	4017905293976	2	244.10
3100.00.926	SYR Power supply for NeoDos 3100 Connect	45	4017905293969	2	38.15
3100.00.927	SYR Dosing pump for NeoDos 3100 Connect	45	4017905293990	2	1,474.95

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
3100.20.000	SYR Connection set DN 20 NeoDos 3100 Connect	45	4017905291798	1	126.65
3100.25.000	SYR Connection set DN 25 NeoDos 3100 Connect	45	4017905291804	1	134.85
3100.32.000	SYR Connection set DN 32 NeoDos 3100 Connect	45	4017905291811	1	145.30
3200.00.001	SYR Cartridge for water softener for heating installations, 4 Liter	136	4017905152877	2	234.70
3200.00.003	SYR Cartridge for water softener for heating installations, 7 Liter	136	4017905152891	2	306.80
3200.00.004	SYR Cartridge for water softener for heating installations, 14 Liter	136	4017905152907	2	574.75
3200.00.005	SYR Cartridge for complete demineralisation for heating installations Plus, 7 Liter	136	4017905204194	2	306.80
3200.00.006	SYR Cartridge for complete demineralisation for heating installations Plus, 14 Liter	136	4017905204200	2	574.75
3200.00.010	SYR analysis case	147	4017905286695	3	735.35
3200.00.011	SYR Cartridge for complete demineralisation for heating installations, 4 Liter	136	4017905152914	2	234.70
3200.00.013	SYR Cartridge for complete demineralisation for heating installations, 7 Liter	136	4017905152938	2	306.80
3200.00.014	SYR Cartridge for complete demineralisation for heating installations, 14 Liter	136	4017905152945	2	574.75
3200.00.015	SYR Cartridge for complete demineralisation for heating installations Plus, 4 Liter	136	4017905204835	2	234.70
3200.00.016	SYR Cartridge for complete demineralisation for heating installations Plus, 30 Liter	136	4017905206396	2	1,133.00
3200.00.017	SYR Cartridge for complete demineralisation for heating installations, 30 Liter	136	4017905206402	2	1,133.00
3200.00.018	SYR Cartridge for water softener for heating installations, 30 Liter	136	4017905206419	2	1,133.00
3200.00.021	SYR Cartridge for water softener for heating installations, 2.5 Liter	136	4017905238397	2	160.95
3200.00.022	SYR Cartridge for complete demineralisation for heating installations, 2.5 Liter	136	4017905238403	2	160.95
3200.00.023	SYR Cartridge for complete demineralisation for heating installations Plus, 2.5 Liter	136	4017905238410	2	160.95
3200.00.025	SYR Corrosion quick test HSK 1	147	4017905285360	2	37.50
3200.00.040	SYR Mobile filling station MOBIFILL 3200	144	4017905288088	2	325.50
3200.00.904	SYR Exchange-resin for water softener for heating installations, 4 Liter	137	4017905150293	2	82.00
3200.00.906	SYR Exchange-resin for water softener for heating installations, 7 Liter	137	4017905150316	2	133.50
3200.00.909	SYR Calibration solution for conductivity meter	137	4017905184960	2	74.20
3200.00.910	SYR Adapter for 14-Liter cartridge for ConnectionCenter 3200	139	4017905189941	2	95.05
3200.00.914	SYR Exchange-resin for complete demineralisation, 4 Liter	137	4017905150361	2	82.00
3200.00.916	SYR Exchange-resin for complete demineralisation, 7 Liter	137	4017905150385	2	133.50
3200.00.918	SYR pH-measuring device	147	4017905196420	2	63.80
3200.00.925	SYR Label pad water treatment for heating systems, 30 sticker	137	4017905176354	2	21.90
3200.00.926	SYR Exchange-resin for complete demineralisation Plus, 7 Liter	137	4017905204217	2	133.50
3200.00.927	SYR Exchange-resin for complete demineralisation Plus, 4 Liter	137	4017905204828	2	82.00
3200.00.936	SYR Calibration solution for pH-measurement device 5x4.0 und 5x7.0	137	4017905211758	2	43.30
3200.00.937	SYR Exchange-resin for water softener for heating installations, 10 Liter	137	4017905218061	2	181.50
3200.00.938	SYR Exchange-resin for complete demineralisation, 10 Liter	137	4017905218078	2	181.50
3200.00.939	SYR Exchange-resin for complete demineralisation Plus, 10 Liter	137	4017905218085	2	181.50
3200.00.941	SYR Hose set for ConnectionCenter 3200	139	4017905221412	2	29.15
3200.00.942	SYR Exchange-resin for water softener for heating installations, 2.5 Liter	137	4017905238342	2	65.50
3200.00.943	SYR Exchange-resin for complete demineralisation, 2.5 Liter	137	4017905238359	2	65.50
3200.00.944	SYR Exchange-resin for complete demineralisation Plus, 2.5 Liter	137	4017905238366	2	65.50
3200.00.969	SYR Digital capacity control for ConnectionCenter 3200	139	4017905282055	2	196.15
3200.15.012	SYR HVE plus compact station	142	4017905293648	2	516.15
3200.15.026	SYR ConnectionCenter water softener / complete demineralisation	138	4017905285445	2	342.60
3200.15.905	SYR Conductivity meter for complete demineralisation	147	4017905137874	2	175.95
3200.15.914	SYR Blending valve for ConnectionCenter All-in-one	137	4017905196802	2	17.90
3220.00.012	SYR Canister pump 3220 with filling set	146	4017905280433	2	729.65
3220.00.013	SYR Protection concentrate HSK 1, 5-liter canister	146	4017905280440	2	232.65
3220.00.014	SYR Protection concentrate HSK 1, 10-liter canister	146	4017905280457	2	416.55
3220.00.015	SYR Protection concentrate HSK 2, 5-liter canister	146	4017905293204	2	232.65
3220.00.016	SYR Protection concentrate HSK 2, 10-liter canister	146	4017905293211	2	416.55
3228.00.001	SYR connection set water treatment for All-in-One+ Connect	137	4017905281119	2	150.90
3228.00.900	SYR Conductivity meter cartridge for ConnectionCenter All-in-one	141	4017905227353	2	38.85
3228.00.901	SYR Tundish for ConnectionCenter All-in-one	141	4017905238519	2	7.20
3228.00.902	SYR Double pressure gauge for FillingCombi BA 6628 Plus	154	4017905237147	2	35.25
3228.00.903	SYR Plug for ConnectionCenter All-in-one	141	4017905282062	2	3.25
3228.00.904	SYR Pressure sensor for ConnectionCenter All-in-one	141	4017905282079	2	75.95



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
3228.00.905	SYR Digital capacity control for ConnectionCenter All-in-one	141	4017905282086	2	197.90
3228.00.910	SYR Controller complete for All-in-One+ Connect	137	4017905284738	2	367.75
3228.00.911	SYR Sealing-kit for All-in-One+ Connect	137	4017905284745	2	8.15
3228.15.015	SYR ConnectingCenter All-in-One+ Connect	136	4017905279710	2	844.90
3228.15.026	SYR ConnectionCenter 3228 All-in-one	140	4017905285452	2	582.55
3415.00.000	SYR Heatingfilter HF 3415	150	4017905206433	1	363.55
3415.00.018	SYR 2-way manifold for HF 3415	150	4017905220224	1	865.15
3415.00.019	SYR 3-way manifold for HF 3415	150	4017905220231	1	841.60
3415.00.900	SYR Air vent for Heatingfilter HF 3415	150	4017905206440	1	54.65
3415.20.000	SYR Flange for Heatingfilter HF 3415 DN 20	150	4017905206457	1	70.25
3415.25.000	SYR Flange for Heatingfilter HF 3415 DN 25	150	4017905206464	1	78.35
3415.32.000	SYR Flange for Heatingfilter HF 3415 DN 32	150	4017905206471	1	85.80
3425.00.900	SYR Screw cap with filter unit incl. mounting wrench for HF 3425 compact	153	4017905293587	1	97.25
3425.00.901	SYR Bezel for HF 3425 compact	153	4017905293594	1	8.80
3425.00.902	SYR Bracket for HF 3425 compact	153	4017905293600	1	5.35
3425.00.903	SYR Cap with sealing for HF 3425 compact	153	4017905293617	1	21.45
3425.25.000	SYR Backwash Heating Filter HF 3425 compact	152	4017905276344	1	227.85
4807.00.900	SYR Pressure gauge with angle connection	106	4017905052665	1	54.35
4807.00.902	SYR Check valve for safety center 4807	108	4017905053020	1	22.90
4807.00.904	SYR Maintenance cap for safety center 4807	108	4017905053044	1	12.25
4807.00.905	SYR Tester for Gas pressure for safety center 4807	106	4017905052696	1	61.75
4807.00.906	SYR Key for safety center 4807	106	4017905052184	1	25.10
4807.00.907	SYR Stainless stell seat for safety center 4807	106	4017905053051	1	16.35
4807.00.908	SYR Plug for safety center 4807	108	4017905053068	1	17.30
4807.00.916	SYR Check valve for Syrobloc Plus	112	4017905179966	1	22.90
4807.00.917	SYR Screw cap for Syrobloc Plus	112	4017905171199	1	11.80
4807.00.922	SYR Tundish for 4807 with systemcheck	108	4017905166768	1	63.80
4807.00.923	SYR Expansion vessel 12L for safety center 4807, DN 20, white	108	4017905196017	1	193.20
4807.00.924	SYR Expansion vessel 18L for safety center 4807, DN 20, white	108	4017905196024	1	210.60
4807.00.925	SYR Expansion vessel 8L for safety center 4807, DN 15, white	106	4017905282192	1	161.20
4807.15.000	SYR Safety center 4807 with 8L-expansion vessel	106	4017905281430	1	382.00
4807.20.000	SYR Safety center 4807 with 12L-expansion vessel	108	4017905048958	1	470.70
4807.20.001	SYR Safety center 4807 with 18L-expansion vessel	108	4017905051873	1	494.65
5000.00.000	SYR NeoSoft 5000 Connect Duplex water softener	22	4017905289559	2	4,637.50
5000.00.900	SYR Connection set filter for NeoSoft 5000	23	4017905292412	2	21.50
5000.00.901	SYR Armored hose for NeoSoft 5000	23	4017905293907	2	91.80
5000.00.902	SYR Maintenance set for NeoSoft 5000	23	4017905294164	2	162.70
5000.00.903	SYR Board unit for NeoSoft 5000	23	4017905294171	2	776.40
5000.00.904	SYR Control head for NeoSoft 5000	23	4017905294188	2	526.60
5000.00.905	SYR Resin bottle for NeoSoft 5000	23	4017905294195	2	240.05
5000.00.906	SYR Power supply for NeoSoft 5000	23	4017905294201	2	39.50
5000.00.907	SYR Bypass valve for NeoSoft 5000 Connect	23	4017905302364	2	127.00
5000.00.908	SYR Shelf for NeoSoft 5000 Connect	23	4017905302371	2	31.90
5000.00.909	SYR Wiring harness brine unit for NeoSoft 5000 Connect	23	4017905302388	2	43.70
5000.00.910	SYR wiring harness conversion and intersection to NeoSoft 5000 Connect	23	4017905302395	2	74.40
5000.00.911	SYR stepper motor for blending and conversion to NeoSoft 5000 Connect	23	4017905302401	2	127.30
5000.00.912	SYR blending valve for NeoSoft 5000 Connect	23	4017905302418	2	277.10
5000.00.913	SYR output housing incl. changeover for NeoSoft 5000 Connect	23	4017905302425	2	266.50
5000.00.914	SYR conductivity measuring cartridge for NeoSoft 5000 Connect	23	4017905303026	2	10.15
5000.00.915	SYR plug for potential-free contacts for NeoSoft 5000 Connect	23	4017905303033	2	3.80
5067.20.000	SYR Thermal Safety Valve 5067, DN 15	174	4017905192996	1	355.55
5314.20.001	SYR Ratchet-Filter, DN 20	66	4017905272001	1	72.15
5315.00.000	SYR Pressure reducing valve/Backwash filter Ratio Vario DFR	64	4017905176804	1	120.40
5315.00.001	SYR Backwash filter Ratio Vario FR	64	4017905176811	1	85.20
5315.00.900	SYR Pressure reducing cartridge for Ratio	60	4017905157063	1	39.70

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
5315.00.901	SYR Plug for Ratio	60	4017905157056	1	11.85
5315.00.902	SYR Assembly key for filter cup for Ratio	60	4017905157063	1	20.15
5315.00.903	SYR Filter element for Ratio	60	4017905157070	1	25.65
5315.00.904	SYR Filter cup for Ratio	60	4017905157087	1	56.90
5315.00.905	SYR Pressure reducing cartridge for Ratio HOT	62	4017905157094	1	53.15
5315.00.906	SYR Filter cup for Ratio HOT	62	4017905157100	1	68.30
5315.15.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 15	62	4017905149587	1	135.15
5315.15.003	SYR Backwash filter Ratio FR HOT, DN 15	62	4017905149617	1	90.30
5315.15.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 15	60	4017905149464	1	110.85
5315.15.005	SYR Backwash filter Ratio FR, DN 15	60	4017905149495	1	80.85
5315.15.008	SYR Flange for Ratio Vario, DN 15.	64	4017905176774	1	69.05
5315.20.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 20	62	4017905149594	1	137.50
5315.20.003	SYR Backwash filter Ratio FR HOT, DN 20	62	4017905149624	1	96.60
5315.20.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 20	60	4017905149471	1	116.35
5315.20.005	SYR Backwash filter Ratio FR, DN 20	60	4017905149501	1	86.30
5315.20.008	SYR Flange for Ratio Vario, DN 20	64	4017905176781	1	75.55
5315.25.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 25	62	4017905149600	1	146.50
5315.25.003	SYR Backwash filter Ratio FR HOT, DN 25	62	4017905149631	1	105.60
5315.25.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 25	60	4017905149488	1	123.80
5315.25.005	SYR Backwash filter Ratio FR, DN 25	60	4017905149518	1	94.10
5315.25.008	SYR Flange for Ratio Vario, DN 25	64	4017905176798	1	82.15
6115.15.XXX	SYR Pressure relief valve 6115 DN 15, special setting	162		1	75.90
6115.20.XXX	SYR Pressure relief valve 6115 DN 20, special setting	162		1	94.60
6115.25.XXX	SYR Pressure relief valve 6115 DN 25, special setting	162		1	125.15
6115.32.XXX	SYR Pressure relief valve 6115 DN 32, special setting	162		1	270.25
6115.40.XXX	SYR Pressure relief valve 6115 DN 40, special setting	162		1	760.90
6115.50.XXX	SYR Pressure relief valve 6115 DN 50, special setting	162		1	865.50
6203.15.003	SYR Pressure reducing valve 6203 Type 1, DN 15, 1.5-5 bar	88	4017905007719	1	609.30
6203.15.005	SYR Pressure reducing valve 6203 Type 2, DN 15, 5-8 bar	88	4017905007726	1	609.30
6203.15.903	SYR Pressure reducing cartridge for 6203, DN 15+20, 1.5-5 bar	88	4017905168090	1	204.40
6203.15.904	SYR Pressure reducing cartridge for 6203, DN 15+20, 5-8 bar	88	4017905168106	1	204.40
6203.20.007	SYR Pressure reducing valve 6203 Type 1, DN 20, 1.5-5 bar	88	4017905007757	1	638.90
6203.20.008	SYR Pressure reducing valve 6203 Type 2, DN 20, 5-8 bar	88	4017905007733	1	638.90
6203.25.010	SYR Pressure reducing valve 6203 Type 1, DN 25, 1.5-5 bar	88	4017905061650	1	751.50
6203.25.011	SYR Pressure reducing valve 6203 Type 2, DN 25, 5-8 bar	88	4017905062671	1	751.50
6203.25.903	SYR Pressure reducing cartridge for 6203, DN 25, 1.5-5 bar	88	4017905168137	1	232.35
6203.25.904	SYR Pressure reducing cartridge for 6203, DN 25, 5-8 bar	88	4017905168144	1	232.35
6203.32.000	SYR Pressure reducing valve 6203 Type 1, DN 32, 1.5-5 bar	88	4017905007771	1	1,102.80
6203.32.001	SYR Pressure reducing valve 6203 Type 2, DN 32, 5-8 bar	88	4017905030298	1	1,102.80
6203.32.903	SYR Pressure reducing cartridge for 6203, DN 32-50, 1.5-5 bar	88	4017905168151	1	245.95
6203.32.904	SYR Pressure reducing cartridge for 6203, DN 32-50, 5-8 bar	88	4017905168168	1	245.95
6243.15.004	SYR Pressure reducing valve 6243.1 DN 15, 1.5-5 bar	86	4017905007801	1	230.25
6243.15.006	SYR Pressure reducing valve 6243.2 DN 15, 5-8 bar	86	4017905025751	1	230.25
6243.15.902	SYR Pressure reducing cartridge for 6243, DN 15+20, 1.5-5 bar	87	4017905085588	1	200.20
6243.15.903	SYR Pressure reducing cartridge for 6243, DN 15+20, 5-8 bar	87	4017905113106	1	200.20
6243.20.003	SYR Pressure reducing valve 6243.1 DN 20, 1.5-5 bar	86	4017905007818	1	259.55
6243.20.005	SYR Pressure reducing valve 6243.2 DN 20, 5-8 bar	86	4017905007825	1	259.55
6243.25.000	SYR Pressure reducing valve 6243.1 DN 25, 1.5-5 bar	86	4017905007832	1	307.30
6243.25.002	SYR Pressure reducing valve 6243.2 DN 25, 5-8 bar	86	4017905007849	1	307.30
6243.25.907	SYR Pressure reducing cartridge for 6243, DN 25, 1.5-5 bar	87	4017905073370	1	235.50
6243.25.908	SYR Pressure reducing cartridge for 6243, DN 25, 5-8 bar	87	4017905099530	1	235.50
6243.32.001	SYR Pressure reducing valve 6243.2 DN 32, 5-8 bar	86	4017905030304	1	451.75
6243.32.002	SYR Pressure reducing valve 6243.1 DN 32, 1.5-5 bar	86	4017905030311	1	451.75
6243.32.907	SYR Pressure reducing cartridge for 6243, DN 32-50, 1.5-5 bar	87	4017905074957	1	331.35
6243.32.908	SYR Pressure reducing cartridge for 6243, DN 32-50, 5-8 bar	87	4017905124522	1	331.35



Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
6243.40.000	SYR Pressure reducing valve 6243.1 DN 40, 1.5-5 bar	86	4017905034197	1	832.10
6243.40.001	SYR Pressure reducing valve 6243.2 DN 40, 5-8 bar	86	4017905034203	1	832.10
6243.50.000	SYR Pressure reducing valve 6243.1 DN 50, 1.5-5 bar	86	4017905034210	1	890.75
6243.50.001	SYR Pressure reducing valve 6243.2 DN 50, 5-8 bar	86	4017905033213	1	890.75
6247.100.000	SYR Flange Pressure reducing valve 6247 DN 100, 1.5-6 bar	84	4017905077125	1	3,352.55
6247.100.006	SYR Flange Pressure reducing valve 6247 DN 100, 5 - 10 bar	84	4017905277891	1	3,398.55
6247.50.903	SYR Cartridge for flange Pressure reducing valve 6247 from 01/2007	84	4017905136853	1	336.10
6247.65.000	SYR Flange Pressure reducing valve 6247 DN 65, 1.5-6 bar	84	4017905077101	1	1,740.75
6247.65.006	SYR Flange Pressure reducing valve 6247 DN 65, 5 - 10 bar	84	4017905277877	1	1,786.80
6247.80.000	SYR Flange Pressure reducing valve 6247 DN 80, 1.5-6 bar	84	4017905077118	1	2,330.35
6247.80.006	SYR Flange Pressure reducing valve 6247 DN 80, 5 - 10 bar	84	4017905277884	1	2,376.40
6380.00.901	SYR Differential-pressure switch for flange filter 6380	70	4017905149914	1	712.75
6380.00.907	SYR O-ring for filter cup for flange filter 6380	70	4017905218436	1	10.75
6380.00.910	SYR Filter element complete for flange filter 6380, 125 →m	70	4017905272353	1	369.20
6380.00.911	SYR Filter element complete for flange filter 6380, 240 →m	70	4017905272360	1	369.20
6380.00.912	SYR Key for filter cup for flange filter 6380	70	4017905279734	1	685.75
6380.100.010	SYR Flange Filter 6380 DN 100	70	4017905272346	1	3,350.30
6380.65.010	SYR Flange Filter 6380 DN 65	70	4017905272322	1	2,871.70
6380.80.010	SYR Flange Filter 6380 DN 80	70	4017905272339	1	3,008.45
6500.00.002	SYR Safety Disconnection Unit STS 5	90	4017905298872	2	1,890.80
6500.00.901	SYR Pump for Safety Disconnection Unit STS 5	90	4017905205269	2	1,028.85
6500.00.903	SYR Pressure regulator for Safety Disconnection Unit STS 5 up to 2022	90	4017905205283	2	334.30
6500.00.904	Float valve 3/4" for Safety Disconnection Unit STS 5	90	4017905205290	2	135.00
6500.00.905	SYR Condenser for Safety Disconnection Unit STS 5	90	4017905205306	2	32.75
6500.00.906	SYR Tank lip seal for Safety Disconnection Unit STS 5	90	4017905205313	2	5.30
6500.00.908	SYR Pressure regulator for Safety Disconnection Unit STS 5 from 2023	90	4017905298896	2	334.30
6600.00.000	SYR Digital Differential pressure measuring device for backflow preventer BA	92	4017905225694	1	3,861.05
6600.00.903	SYR Tundish for backflow preventer BA	98	4017905089357	1	9.50
6600.00.904	SYR Mini ball valve for backflow preventer STBA and Flange Filter	70	4017905094702	1	22.30
6600.00.911	SYR Differential pressure measuring device digital for BP BA 14 days for rent	92	4017905104944	1	183.80
6600.00.912	SYR Mini ball valve for backflow preventer 6600, 6610 and 6247	84	4017905110808	1	22.30
6600.00.913	SYR Differential pressure measuring device analogous for backflow preventer BA	98	4017905120265	1	2,742.15
6600.00.917	SYR cartridge for backflow preventer BA 6600 ST	98	4017905210294	1	124.50
6600.00.965	SYR Seal clamp for backflow preventer BA 6600 ST, DN 15 (G 1")	98	4017905214186	1	7.15
6600.00.970	SYR Maintenance tool for ConnectionCenter All-in-one	141	4017905216890	1	33.80
6600.00.971	SYR maintenance tool for backflow preventer CA 6800	102	4017905216906	1	33.80
6600.00.972	SYR Seal clamp for backflow preventer BA 6600 ST, DN 15 (G 3/4")	98	4017905218269	1	7.15
6600.00.973	SYR Test screw fitting for backflow preventer BA 6600 ST	98	4017905218276	1	16.50
6600.00.974	SYR Cartridge for backflow preventer BA for ConnectionCenter All-in-one	141	4017905221382	1	136.00
6600.100.000	SYR Flange Backflow preventer BA TYPE 6600, DN 100	94	4017905267922	1	4,543.00
6600.100.900	SYR Check valve Inlet for flange backflow preventer BA, DN 100	94	4017905267960	1	531.40
6600.100.901	SYR Check valve Outlet for flange backflow preventer BA, DN 100	94	4017905267977	1	531.40
6600.15.015	SYR Backflow preventer BA 6600 ST for stand pipes, DN 15	98	4017905218153	1	234.80
6600.15.016	SYR Backflow preventer BA 6600 ST for stand pipes, DN 20	98	4017905218160	1	250.60
6600.65.000	SYR Flange backflow preventer BA TYPE 6600, DN 65	94	4017905217958	1	3,545.90
6600.65.900	SYR Check valve Inlet for flange backflow preventer BA, DN 65	94	4017905217965	1	473.40
6600.65.901	SYR Check valve Outlet for flange backflow preventer BA, DN 65	94	4017905217972	1	473.40
6600.80.000	SYR Flange backflow preventer BA TYPE 6600, DN 80	94	4017905267915	1	3,923.55
6600.80.900	SYR Check valve Inlet for flange backflow preventer BA, DN 80	94	4017905267939	1	501.10
6600.80.901	SYR Check valve Outlet for flange backflow preventer BA, DN 80	94	4017905267946	1	501.10
6610.00.900	SYR Cartridge for backflow preventer BA 6610, DN 15	92	4017905251839	1	190.50
6610.00.901	SYR Cartridge for backflow preventer BA 6610, DN 20 + 25	92	4017905251846	1	289.65
6610.00.902	SYR Cartridge for backflow preventer BA 6610, DN 32 - 50	92	4017905276047	1	355.20
6610.15.000	SYR Backflow Preventer 6610 In-line, LF, DN 15, R 1/2	92	4017905239400	1	341.00
6610.20.000	SYR Backflow Preventer 6610 In-line, LF, DN 20, R 3/4	92	4017905251617	1	377.90

Order-Nr.	Product name	Page	EAN-Code	KG	Brutto '24
6610.25.000	SYR Backflow Preventer 6610 In-line, LF, DN 25, R 1	92	4017905251624	1	408.45
6610.32.000	SYR Backflow Preventer 6610 In-line, LF, DN 32, R 1 1/4	92	4017905276054	1	592.05
6610.40.000	SYR Backflow Preventer 6610 In-line, LF, DN 40, R 1 1/2	92	4017905276061	1	722.85
6610.50.000	SYR Backflow Preventer 6610 In-line, LF, DN 50, R 2	92	4017905276078	1	798.45
6625.15.000	SYR Backflow preventer 6625, STBA 100 DN 15, R 1/2	100	4017905198554	1	193.85
6625.15.001	SYR Backflow preventer 6625, STBA 100 DN 15, R 3/4	100	4017905198561	1	213.10
6625.15.002	SYR Backflow preventer 6625, STBA 200 for nozzle DN 15	158	4017905198585	1	224.60
6625.15.004	SYR Backflow preventer 6625, STBA 400 with leakage valve with nozzle, DN 15	160	4017905198592	1	242.25
6625.15.006	SYR Backflow preventer 6625, STBA 600 with PRV and pressure gauge, DN 15	160	4017905198578	1	287.60
6625.15.018	SYR Backflow Preventer BA Mini 6625, DN 15	96	4017905290159	1	241.20
6625.15.019	SYR Backflow Preventer BA Mini 6625, DN 20	96	4017905290166	1	261.50
6625.15.022	SYR Backflow preventer 6625, STBA 220 for nozzle DN 15	158	4017905266994	1	234.80
6625.15.900	SYR Backflow preventer BA as replacement kit for all STBA 6625	97	4017905198608	1	145.40
6625.15.901	SYR Pressure reducing cartridge for STBA 600	160	4017905198615	1	90.45
6625.15.902	SYR 3 ball valves DN 6 for all STBA 6625	97	4017905200035	1	15.55
6625.15.903	SYR Backflow preventer complete with adaptor and O-rings	97	4017905288170	1	130.80
6628.00.933	SYR Maintenance key for FillingCombi CA Plus	156	4017905269827	1	25.05
6628.20.008	SYR FillingCombi BA 6628 with double pressure gauge DN 20	154	4017905269582	1	422.40
6629.00.900	SYR Tundish for FillingCombi CA Plus	156	4017905271783	1	9.50
6629.00.905	SYR Pressure reducing cartridge for FillingCombi CA Plus	156	4017905268646	1	98.25
6705.20.000	Drain cock, DN 20	132	4017905171304	1	12.15
6705.20.001	Drain cock, with additional connection, DN 20	132	4017905171311	1	16.25
6705.20.005	Drain cock, long version, DN 20	132	4017905238922	1	15.70
6800.00.901	SYR Tundish for backflow preventer CA	102	4017905089364	1	9.50
6800.00.903	SYR Cartridge for backflow preventer CA from 01/2017	102	4017905241687	1	92.20
6800.15.000	SYR Backflow preventer CA 6800 DN 15	102	4017905089227	1	135.55
6800.20.000	SYR Backflow preventer CA 6800 DN 20	102	4017905089234	1	148.50
6828.00.904	SYR Isolating handle for FillingCombi CA Plus	156	4017905268660	1	11.40
6828.00.905	SYR Pressure gauge for FillingCombi CA Plus	156	4017905271073	1	22.40
6828.15.005	SYR Filling Combi CA Plus 6828 DN 15	156	4017905268622	1	243.30
7315.00.914	SYR Filter-cartridge for POU Smart Filter 7315	72	4017905276566	2	162.70
7315.10.010	SYR POU Smart Filter with tap	72	4017905274968	2	294.85
7315.10.011	SYR POU Smart Filter w/o tap	72	4017905282857	2	244.20
7500.00.901	SYR Wall bracket for ConnectionCenter 3200	139	4017905159333	1	41.60
7500.15.110	SYR Anti-Legionella Valve, DN 15	110		1	37.80
7500.20.110	SYR Anti-Legionella Valve, DN 20	110		1	40.10
7500.25.110	SYR Anti-Legionella Valve, DN 25	110		1	53.85
7500.32.110	SYR Anti-Legionella Valve, DN 32	110		1	67.60
8115.15.000	SYR Solar-Pressure relief valve 8115 DN 15, 2.5 bar	164	4017905120425	1	22.10
8115.15.001	SYR Solar-Pressure relief valve 8115 DN 15, 3 bar	164	4017905120432	1	22.10
8115.15.002	SYR Solar-Pressure relief valve 8115 DN 15, 4 bar	164	4017905120449	1	22.10
8115.15.003	SYR Solar-Pressure relief valve 8115 DN 15, 6 bar	164	4017905120456	1	22.10
8115.20.000	SYR Solar-Pressure relief valve 8115 DN 20, 2.5 bar	164	4017905120463	1	33.80
8115.20.001	SYR Solar-Pressure relief valve 8115 DN 20, 3 bar	164	4017905120470	1	33.80
8115.20.002	SYR Solar-Pressure relief valve 8115 DN 20, 4 bar	164	4017905120487	1	33.80
8115.20.003	SYR Solar-Pressure relief valve 8115 DN 20, 6 bar	164	4017905136693	1	33.80

General Terms and Conditions of Delivery and Payment of Hans Sasserath GmbH & Co. KG, 41352 Korschenbroich

1. General provisions

- We settle our business exclusively according to the following General Terms and Conditions of Delivery and Payment. Conflicting conditions of the Customer or conditions that derogate from ours shall not apply. Our General Terms and Conditions of Delivery and Payment shall also apply if we carry out a delivery without reservation despite knowing that the Customer's Terms and Conditions are adverse to or deviate from our Terms and Conditions of Delivery and Payment.
- Any agreement entered into in order to execute a contract with the Customer shall be made in writing in the contract itself. This shall in particular apply in case of oral additional agreements made before the conclusion of the contract.
- The present General Terms and Conditions of Delivery and Payment shall also apply without any further agreement to any future, similar business relationship with the same Customer.

2. Quotation and Conclusion

- Unless otherwise specified, our quotations are always subject to confirmation. Estimate of costs are non-binding.
- A supply contract shall not be effective until we have confirmed it in writing. Any modification, addition or supplement to the contract - including the present written form requirement - shall also be confirmed by us in writing.
- We shall retain property rights and copyright to illustrations, drawings, brochures, catalogues, forms, samples, models and other comparable documents appended to our quotations. They must not be made available to third parties without our prior express, written consent. They are to be handed back to us immediately in case the contract does not become effective.
- Licensed products as well as products that we do not manufacture ourselves shall be subject to the additional licensing terms appended to these products.
- All our quotations are made with the proviso that the necessary authorizations (e.g. export licenses) have been issued.

3. Prices and Payment

- Unless otherwise agreed in writing, we shall invoice the price applicable on the day of delivery.
- All prices shall apply net, "ex works", in Euro, plus the respective statutory VAT, excluding packaging.
- Payment shall be made per bank transfer, current account transfer or postal bank transfer. In case the amount is transferred, the payment shall not be valid until the amount has been credited to our account. We shall not be obliged to accept bills of exchange or cheques. Should we accept them, their acceptance shall be made only on account of payment. Payment shall not be deemed to have been made until the corresponding bill or cheque has been honored. Banking fees or discount charges and collection fees shall always be debited to the Customer and payable immediately. In any case, bills of exchange will only be accepted without guarantee of proper presentation and protest.
- Unless otherwise agreed in writing, the purchase price shall be due within 10 days of the date of the invoice with a discount of 3%; in case of payment within 30 days of the date of the invoice, payment shall be made without any deduction.
- Should the Customer be in default of payment, we are entitled to ask for interest payment at the respective official rate applicable. Should the damage caused by default of payment be higher, we shall be entitled to assert the higher claim. However, the Customer may produce evidence that our damage caused by default of payment was lower.
- The Customer will only be entitled to rights set-off if his counterclaims have been established in a binding, undisputed way or if we have recognized them. In case of disputed counterclaims, the Customer shall not be entitled to a right of retention unless the Customer is neither a registered trader, nor a legal person under public law nor a separate estate under public law. In these cases, the Customer has the opportunity to exercise the right of retention if his counterclaim is based upon the same contractual relationship.

4. Delivery, Shipment, Transfer of Risk

- Prices shall apply ex works, excluding packaging. Free delivery shall be made to a receiving station or to the buyer's domicile including packaging for all orders of a net product value of EUR 1,000.00 and more. Outside Germany, other exemption limits shall apply.
- Binding delivery periods shall be established in writing; they are subject to the correct and timely delivery by our own suppliers.
- The beginning of and adherence to the agreed upon delivery times presuppose that the Customer meets his obligation to co-operate, in particular in respect of the timely receipt of all the provisions, documents, authorizations, releases, tests to be provided by him, and that he meets the agreed terms of payment, in particular the respect of any agreed upon down-payments. If these requirements are not met duly and in good time, the delivery periods will be extended in a reasonable way.
- If the Customer is in default of acceptance or if he culpably fails to comply with other obligations to co-operate, we shall be entitled to claim compensation for the damage suffered, including possible additional expenditure, subject to additional claims or rights.
- Unforeseeable business disruptions or business disruptions without own fault which occur or become known after the contract has been concluded, e.g. due to strike, lockout, war, riot, scarcity of raw materials, machinery failure, measures taken by the authority or in general any event beyond our reasonable control shall result in the extension of the delivery period for the length of time of the event, in addition to a suitable starting period. If possible, the Customer shall be informed of the beginning, the end and the foreseeable duration of the delay in delivery.
- If a delay in delivery is attributable to us, the Customer shall grant us reasonable time for the fulfilment of the contract. In case of damage due to the delay in delivery caused by us, the Customer shall be entitled to claim a lump sum compensation, totaling 1% of the declared value of goods delivered for every full week of delay, with a maximum of 5% of the declared value of the share of the goods delivered that cannot be used in good time or in accordance with the contract due to the delay in delivery. Any compensation due to delay in delivery exceeding aforementioned provisions shall be excluded.
- If the Customer grants us an additional period of time of a reasonable length under penalty of denial of service after we had been in default, aforementioned Customer shall be entitled to cancel said contract upon the expiry of the additional period.
- On principle, deliveries shall be made ex warehouse. If shipment of the goods is agreed, the Customer shall bear the forwarding costs. If the Customer so wishes, a transport insurance policy may be taken out for deliveries. The Customer shall bear the costs incurred for it. Unless the Customer gives specific shipping instructions, we shall determine the mode of dispatch at our reasonable discretion. We shall not be liable as far as that goes unless our legal representatives, our representatives, executive employees, our vicarious agents, or we acted intentionally or by gross negligence.
- The risk is passed to the Customer as soon as the goods have left our warehouse or as soon as the shipment has been passed on to the persons assuring the transport, the latter irrespective of who bears the freight charges. If the goods are ready for dispatch and shipping is delayed for reasons beyond our control, the risk is passed to the Customer at the time of the announcement of the readiness for dispatch. Aforementioned rules for the passing of risk shall also apply to shipments within the same town or municipality. They shall also apply if the shipment is done by our vehicles or our personnel.
- If not expressly otherwise agreed in writing, the Customer shall accept orders on demand at the latest 12 months after the order had been confirmed in writing.
- We are entitled to make partial deliveries and provide partial services at any time.

5. Warranty/ Liability for Defects

- Claims of the Customer based on defects of the delivery items presuppose that the Customer checks aforementioned delivery items for defects within one week of receipt of said items and, in case he detects a defect, the Customer has to inform us thereof immediately in writing. If defects are detected subsequently that could not have been detected within that period, even upon the most scrupulous examination, such defects shall be reported to us in writing immediately upon their discovery. The Customer has to provide us with all the relevant information regarding the detected defect in writing in a comprehensible and detailed way, indicating the way in which the defect was detected and analyzed. If after a check we notice that the Customer's complaint regarding the purchased good was unjustified, we are entitled to ask for compensation payment according to our expenses incurred. The Customer is obliged to send us any small parts whose exchange would suffice to remedy the defect if he is in a position to remove the aforementioned small

parts himself upon consultation with us.

- In case of a defect of the purchased good, the Customer shall be entitled to subsequent performance to remove such defect or to the supply of replacement goods free of defects. We shall bear all the necessary expenses for such removal of defects, in particular the costs for transport, travel, labor and materials, as long as such expenses are not higher simply because the purchased good had been transported to a place different from the place of delivery.
- If we fail to remove the defect, the Customer shall be entitled to withdraw from the contract or to demand a reduction in price.
- The warranty / liability for defects does not cover the removal of defects due to normal wear and tear, external influences, operating errors or improper use. The same applies if the Customer (or a third party commissioned by him) modifies the delivery item unless the defect has not been caused by aforementioned modification.
- Claims for material defects and defects of title expire after twelve (12) months, as from the transfer of risk.
- The provisions under item 5 of these Terms and Conditions determine the warranty / liability for defects of the goods supplied by us. Any further claims asserted by the Customer, in particular for damages not caused to the delivery item itself, are exclusively subject to item 7 of these Terms and Conditions.

6. Retention of Title

- Title to the goods shall remain vested in us and shall not pass to the Customer until all accounts receivable have been paid in full. The transfer of ownership by way of security and the pledging of the goods subject to retention of title to the benefit of third parties is excluded without our prior consent; the Customer shall be obliged to inform us immediately on the pledging of the goods subject to retention of title by a third party. In case the Customer breaches the contract, in particular in case of late payment, we shall be entitled to take back for safekeeping the goods we had supplied or to ask for their being handed over to a sequestrator, without this being a withdrawal from the contract. In such cases, we shall also be entitled to ask for the return of the goods for further utilization. The utilization of such goods shall be considered as a withdrawal from the contract. It shall be done in the best of terms; we shall offset the utilization proceeds against the Customer's receivables, reduced by reasonable utilization costs.
- Irrespective of our retention of title, the Customer shall be entitled to sell or further process the goods in the context of his orderly business operations. This entitlement of the Customer to sell the goods subject to retention of title in the process of ordinary business operations shall end if the Customer breaches the contract, in particular in case of late payment.
- The Customer's receivables due to the resale of the goods subject to retention of title shall immediately be assigned to us to the amount of the value of the goods subject to retention of title to secure our total receivables under the business relationship. The Customer's right to sell the goods subject to retention of title depends upon the transfer of the resulting receivables to us. The pledging of these receivables to the benefit of third parties or the assignment of these receivables to third parties is excluded without our consent. The Customer is obliged to inform us immediately of any pledge regarding these receivables by third parties. We will not collect any assigned receivables as long as the Customer meets his obligation to pay. However, the Customer shall be obliged to indicate his third party debtor upon our request and to advise the third party debtor of the assignment. The Customer shall also assign the accounts receivable to us for the securing of our claims against him, under the business relationship created against a third party by the combination of the purchased good with a plot of land.
- The processing or transformation of the goods subject to retention of title by the Customer shall always be made for us. In the event that the goods subject to retention of title are being processed further together with other materials that do not belong to us, we acquire co-ownership in the resulting item in the ratio of the value of the goods subject to retention of title to the other processed items at the time of processing. The item resulting from the processing shall be treated the same as the purchased good supplied by us under reservation of title. In the event that the goods subject to retention of title are being processed further together with other materials that do not belong to us or if they are inseparably mixed with them, we acquire co-ownership in the resulting item in the ratio of the value of the goods subject to retention of title to the other materials or items inseparably mixed to them at the time of such mixing. If the processing or the inseparable mixture occurs in a way such as to consider the item as the Customer's main item, it is deemed to be agreed that the Customer transfers to us co-ownership on a pro rata basis. The Customer stores the sole or jointly held property thus created on our behalf. Unless otherwise agreed according to the aforementioned two paragraphs, the provisions under Articles 946 ff. German Civil Code (BGB) shall apply.
- If the value of the securities held on our behalf exceeds our amounts receivable by more than 10%, we shall be obliged to release such securities on request of the Customer or of a third party affected by the excessive security. The choice of securities to be released shall be incumbent on us.

7. Liability

- We shall be liable in accordance with the statutory provisions in as much as the Customer asserts claims for damages based upon intention or gross negligence of us including intention or gross negligence of our representatives or our vicarious agents. As far as we are not accused of intentional breach of contract, damage liability shall be limited to the foreseeable, typical damage.
- We shall be liable in accordance with the statutory provisions provided that we culpably violate a contractual obligation; in this case, too, damage liability shall be limited to the foreseeable, typical damage.
- Liability in the event of negligent harm caused to life, limb and health shall remain unaffected; this also applies to statutory liability laid down in the German Product Liability Act.
- Aforementioned limitation of liability shall also apply in case of claims for damages of the Customer to our legal representatives or vicarious agents.

8. Covenant not to assign

In accordance with the contract concluded with us, the Customer may only assign rights to third parties with our consent.

9. Third party property rights and copyrights

- If we make illustrations, drawings, brochures, forms, samples or models according to the Customer's indications, the property rights and the copyright shall remain with us even if the Customer has to bear some of the costs for this or if the contract fails to be concluded in the end.
- In aforementioned cases under 9 a), the Customer shall guarantee that no rights of third parties have been breached in the context of his indications given; if nonetheless a third party makes a claim on us for such reason, the Customer shall exempt us from such claim at our first written request; we will not enter into any agreement with said third party without the Customer's approval, and will especially not agree on any settlement. The obligation to indemnify shall also refer to any expenses we necessarily incurred due to or in the context of the recourse sought by a third party.

10. Applicable law, language of the contract

- The legal relationship between the Customer and us shall be exclusively governed by the Law of the Federal Republic of Germany.
- In case of multi-language versions of the contracts, only the German text shall be authentic.

11. Place of performance and jurisdiction

- Unless otherwise agreed, Korschenbroich shall be the place of performance.
- If the Customer is a registered trader, legal person under public law or a separate estate under public law, Neuss shall be the Court of Jurisdiction; however, we shall be entitled in such cases to bring an action against the Customer at his place of residence.

Managing partner: Harald Sasserath, Elisa Sasserath-Kentsch
Local Court Neuss HRA 3601

Korschenbroich, Dezember 2020

