

Innovative solutions for smart people



20
26

PRICELIST



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	49
3. Pressure regulation	77
4. Safety devices	91
5. Valves for potable water heaters	107
6. Water treatment for heating systems	137
7. Heating valves	151
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Miscellaneous [8]	179
Product overview	180
General terms and conditions of delivery and payment	199

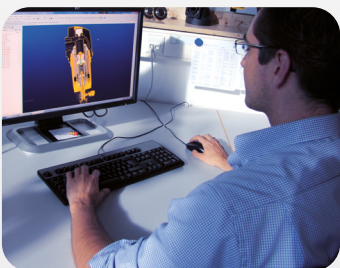
**Expertise from a single source.
SYR - Efficient building services.**

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.



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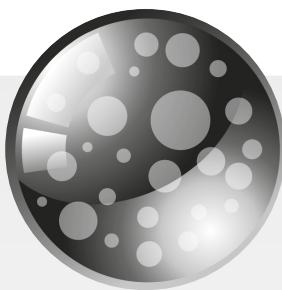
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Water technology / Water treatment

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
Neosoft 8000 Connect Duplex water softener	24
LEX Plus 10 Connect Water Softener	26
LEX Plus 10 S Connect Water Softener	28
LEX Plus 10 SL Connect Water softener	30
LEX 1500 Connect Single Water Softener 10 - 30	32
LEX 1500 Connect Single Water Softener 40 - 100	34
LEX 1500 Connect Duplex Water Softener 10 - 30	36
LEX 1500 Connect Duplex Water Softener 40 - 100	38
LEX 1500 Connect Alternating Water Softener 10 - 30	40
LEX 1500 Connect Alternating Water Softener 40 - 100	42
LEX T 1500 Connect Triple Water Softener	44
Dosing Pump NeoDos Connect 3100	46



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



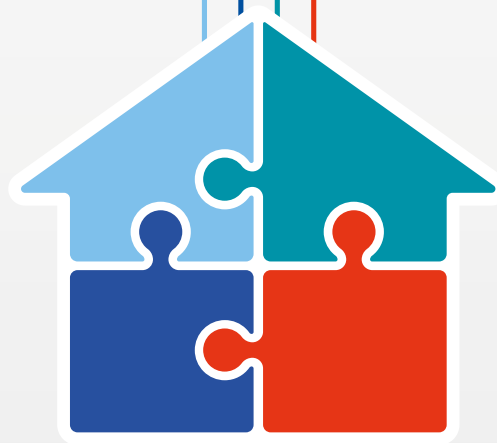
Water treatment



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 54)

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 m ³ /h at Δp 1.1 bar
DN 25	3.6 m ³ /h at Δp 1.1 bar
DN 32	3.6 m ³ /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.

TRIO DFR/LS Connect 2425	2425.00.000
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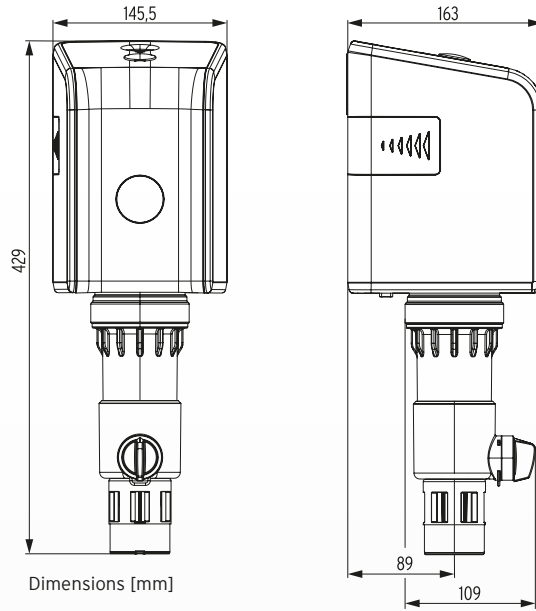
Accessories

		Order-No.
Flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200

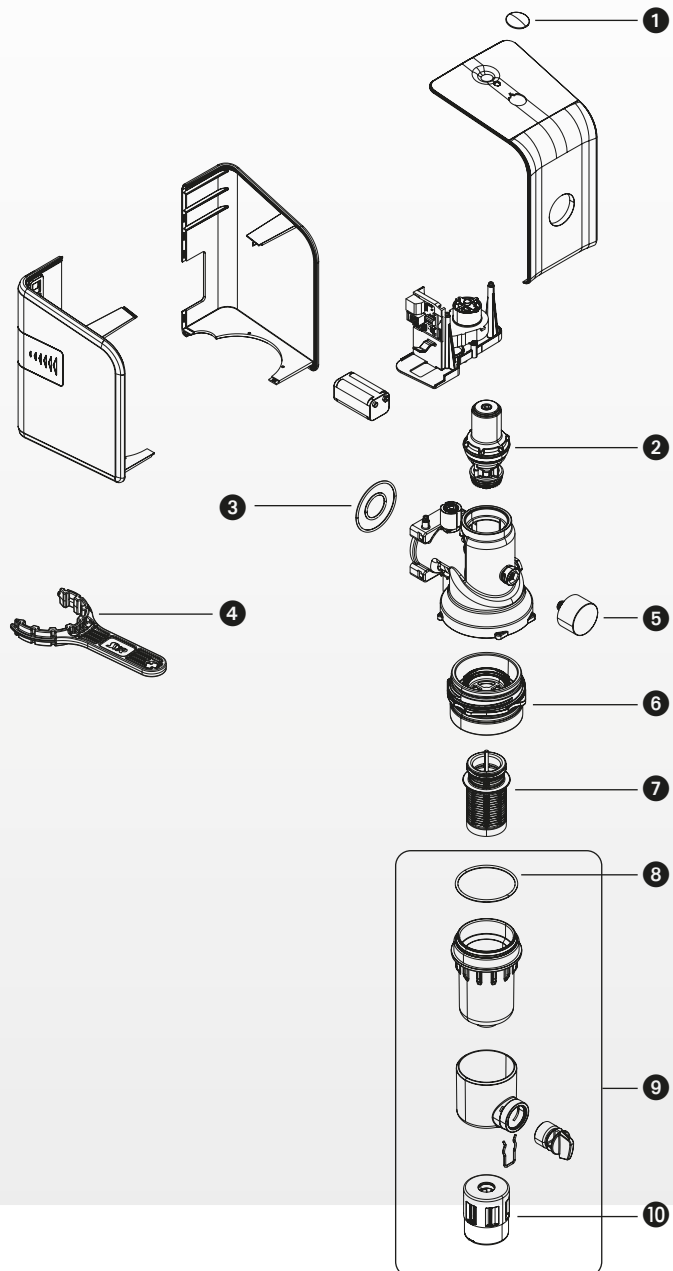
Spare parts

Adapter for filter cup	2425.00.911
Filter cup complete	2425.00.912
Filter element	2425.00.909
Gasket set	2425.00.903
Key for filter cup	2425.00.907
O-ring for filter cup	2425.00.904
Plug	2425.00.908
Pressure gauge	2425.00.906
Pressure reducer	2425.00.902
Tundish	2315.01.943

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





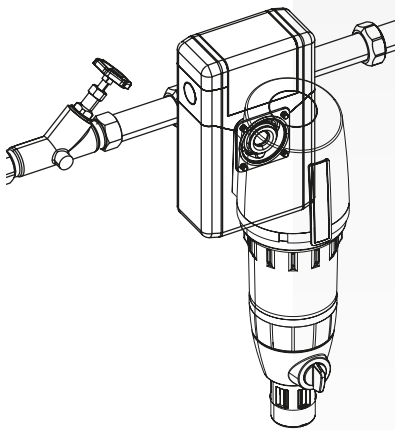
SafeTech+ Connect 2422

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 54) and can be fitted with SYR DRUFI filter.



Technical specifications

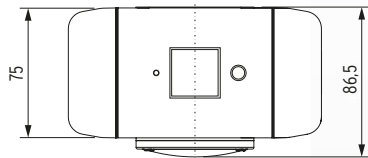
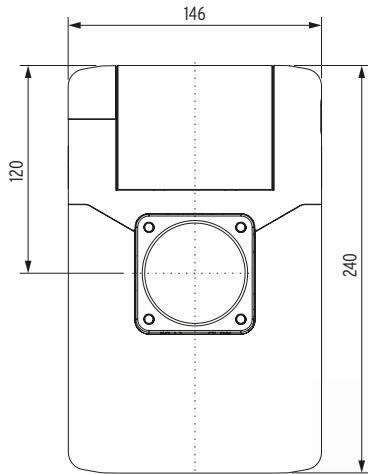
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	60 °C
Fluid	potable water
Flow rate	
DN 20	5.2 m³/h at Δp 1.0 bar
DN 25	5.7 m³/h at Δp 1.0 bar
DN 32	6.0 m³/h at Δp 1.0 bar
Electricity supply	5V DC
Battery	4 x LR6 (AA)
Standard wireless protocol	WiFi 2.4 GHz / WPA/WPA2
Protection class	TCPIP/IPv4



Order-No.

SafeTech+ Connect 2422.00.010

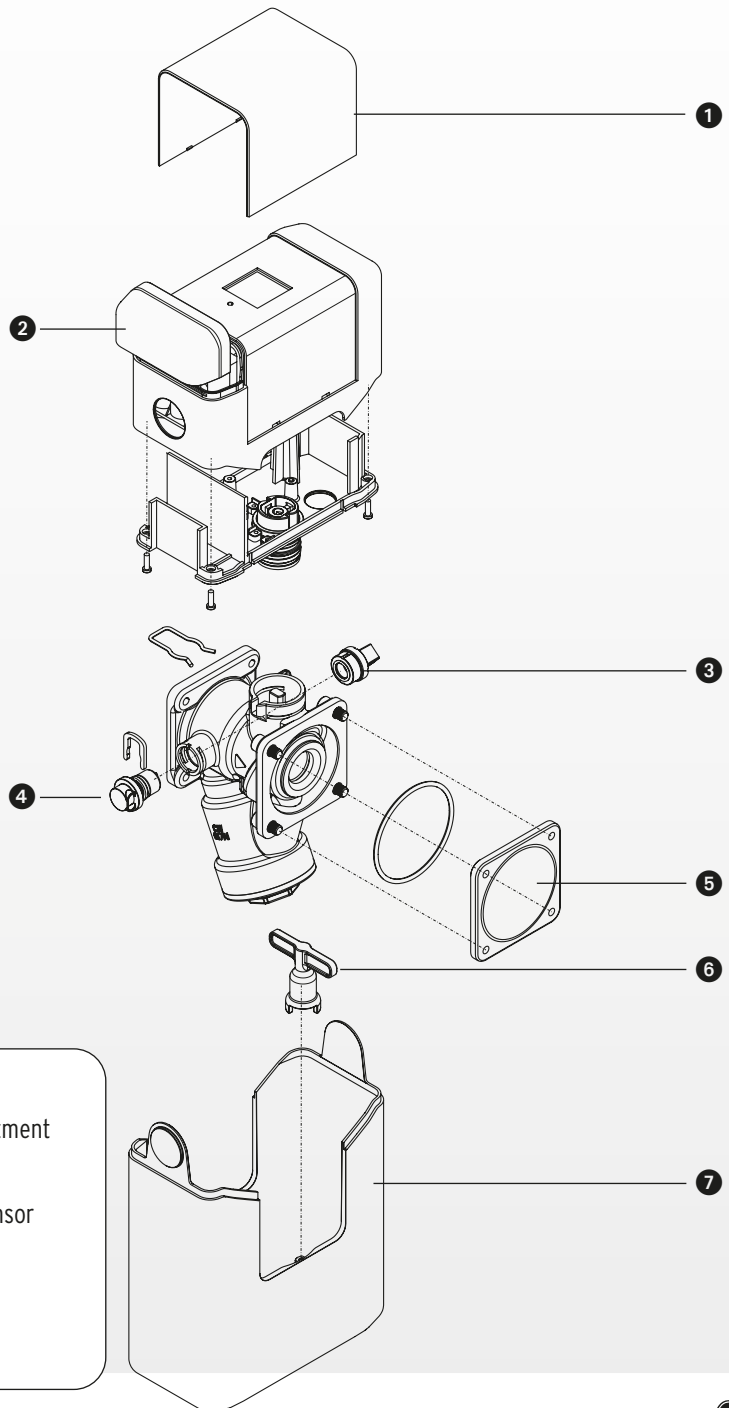
- Integrated WiFi
- Control and monitoring via SYR app
- Notifications via push message/email (online mode)
- Reliably protects against expensive water damage and wastage
- Vacation monitoring and special absence function
- Perfect combination with the SYR DRUFI+: the SafeTech+ Connect fits between DRUFI 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



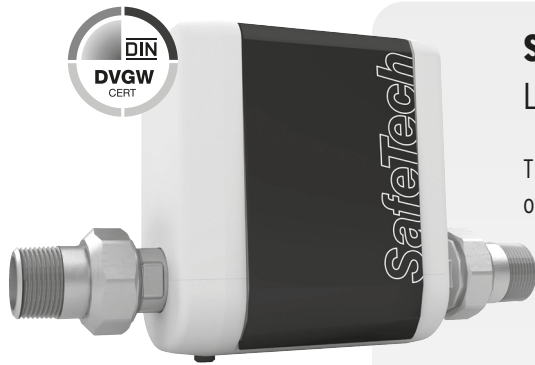
Dimensions (mm) DN 20- 32	
H	240
L	146
B	75
b	86

Accessories		Order-No.
Flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200

Spare parts		Order-No.
DC built-in socket with wire		2422.00.905
Pressure sensor with wire		2422.00.902
Conductivity measuring cartridge		2422.00.901
Reed contact		2422.00.903
Strainer		2422.00.900
Temperature sensor		2422.00.904



- 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

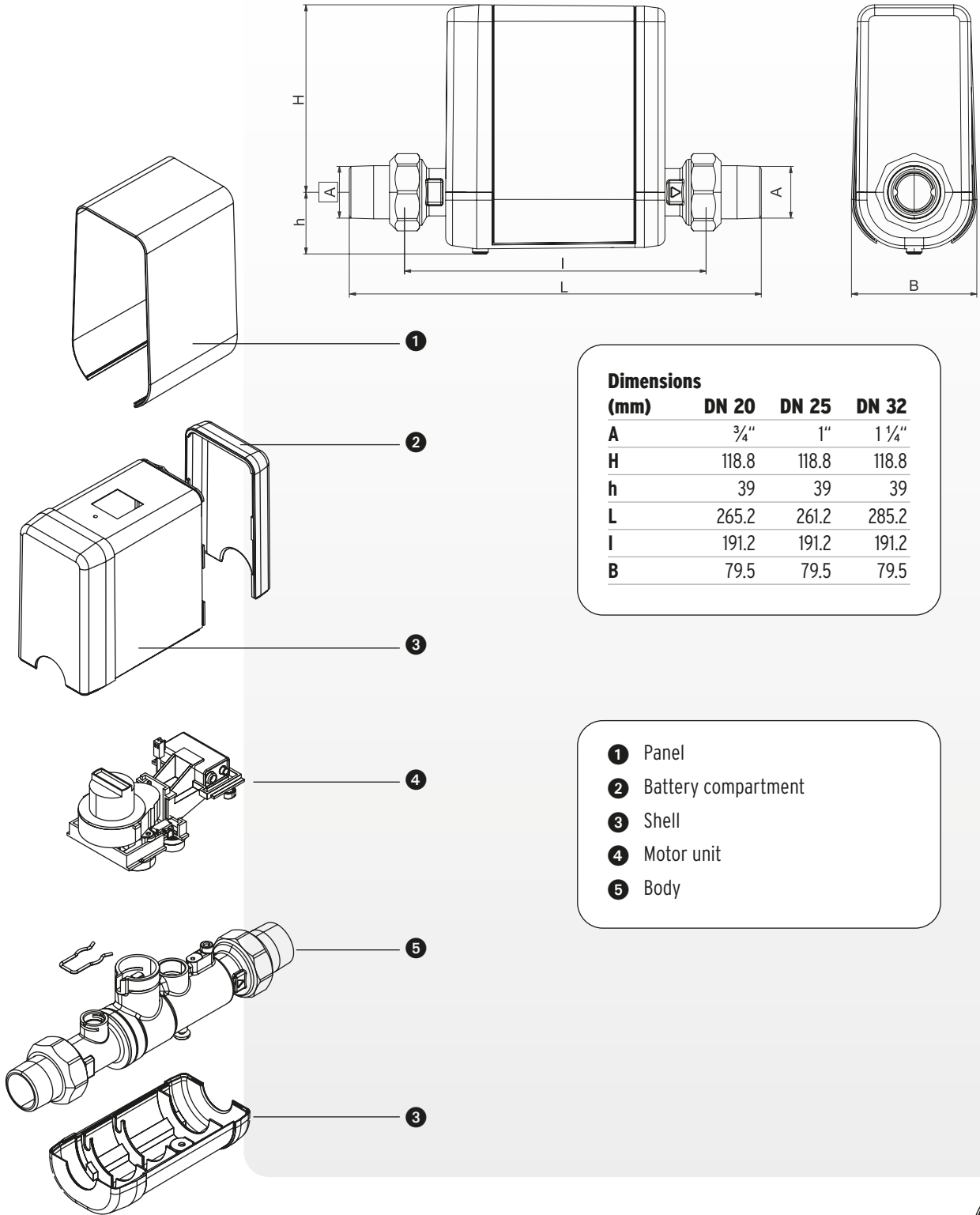
		Order-No.
SafeTech Connect	DN 20	2422.20.200
	DN 25	2422.25.200
	DN 32	2422.32.200

- 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

Spare parts

Order-No.

DC built-in socket with wire	2422.00.905
Pressure sensor with wire	2422.00.902
Conductivity measuring cartridge	2422.00.901
Reed contact	2422.00.903
Strainer	2422.00.900
Temperature sensor	2422.00.904



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.

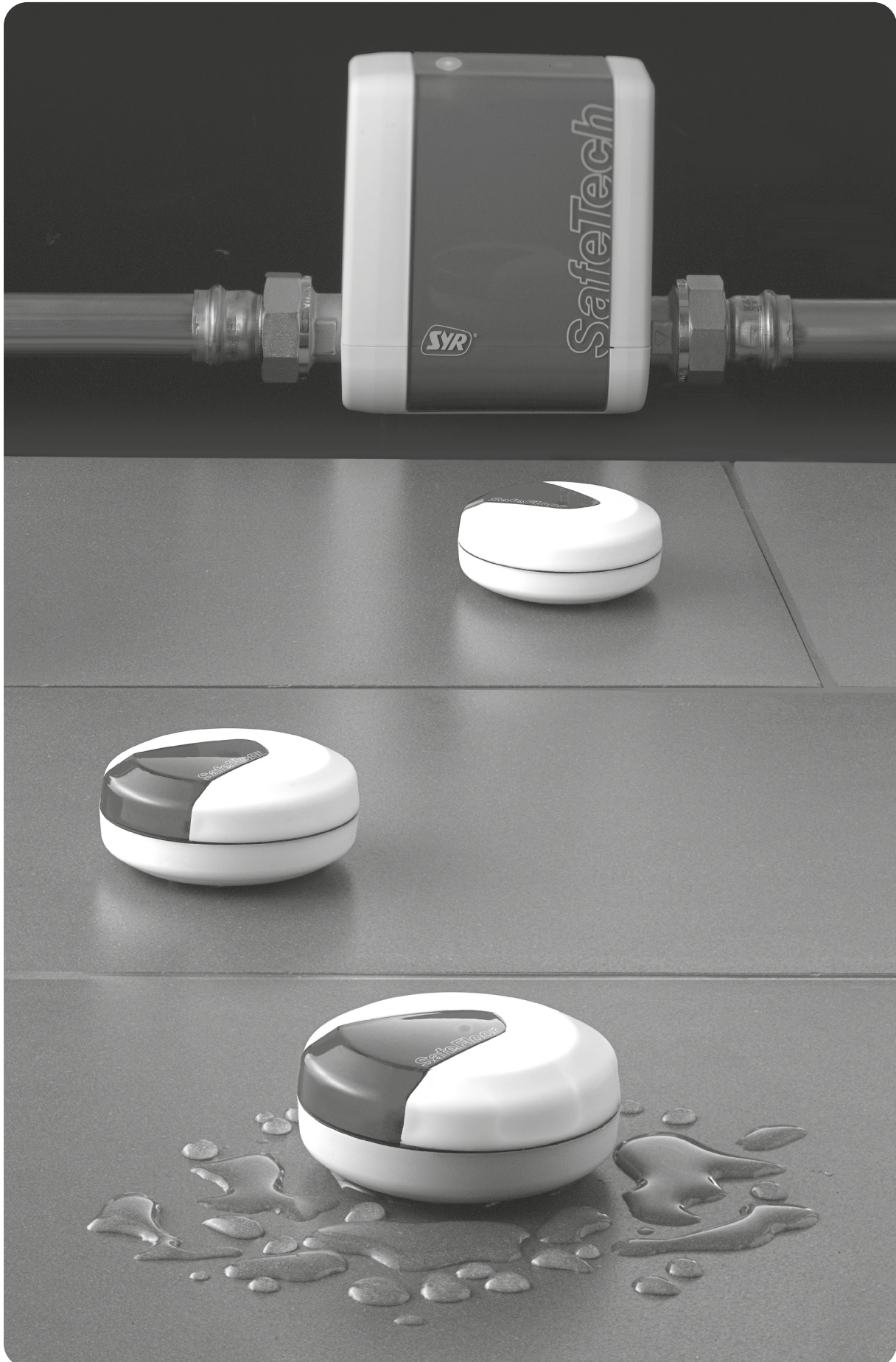
Several SafeFloor Connect sensors can be used. With the help of the SafeTech Connect leakage protection (page 14), the SafeTech+ Connect leakage protection (page 12) or the TRIO DFR/LS (page 10) the sensors can be managed. In this case the SafeTech Connect or the SafeTech+ Connect works as a control 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.
SafeFloor Connect	2422.00.200

- 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





Installation as single device or warm/cold combination

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.

Technical specifications

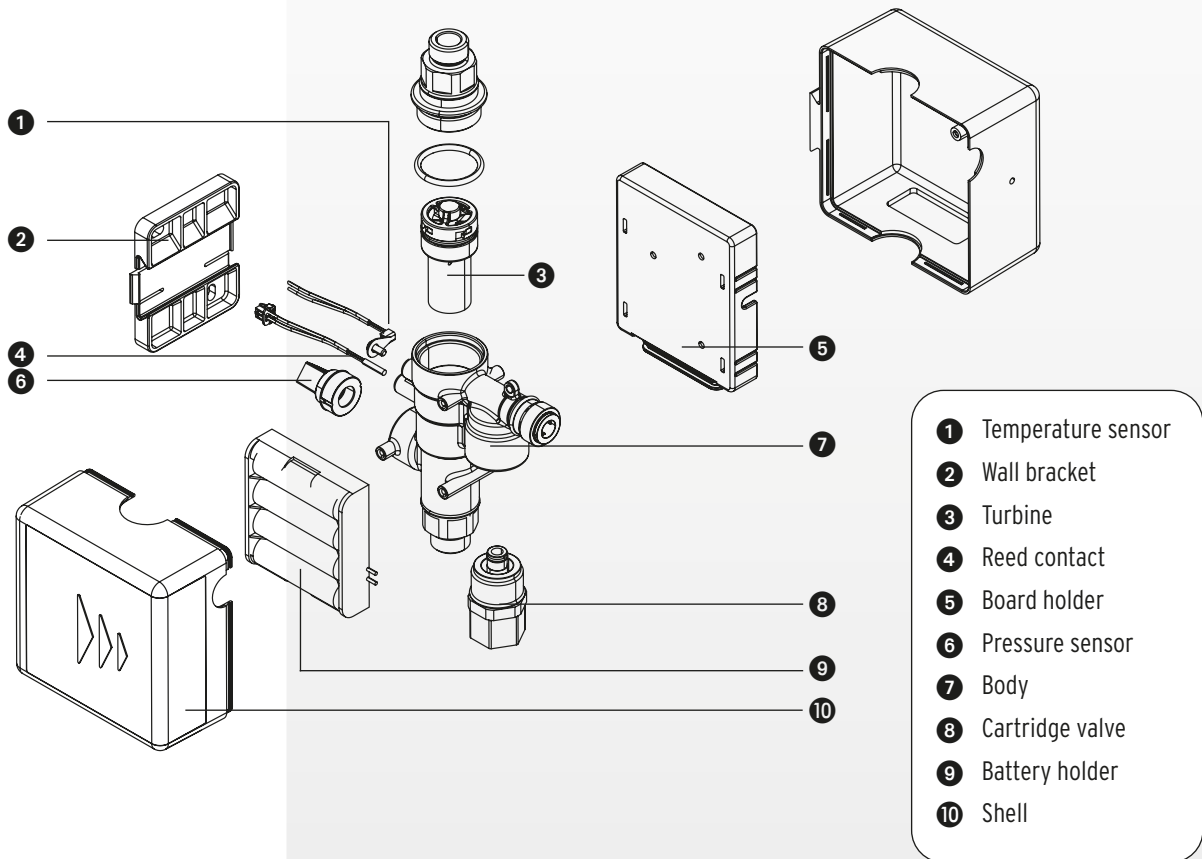
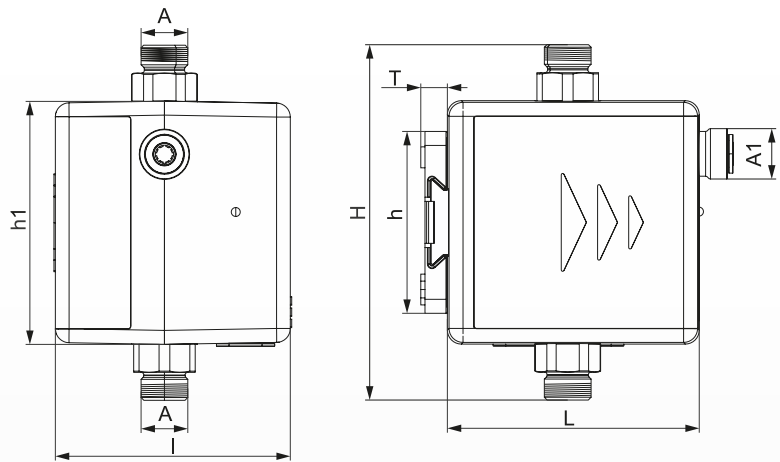
Operating pressure	1 - 10 bar
Max. operating temperature	60 °C (80 °C approved for thermal disinfection)
Fluid	potable water
Flow rate	2.0 m³/h at Δp 1.0 bar
Voltage	6V DC
Voltage power supply	12V DC
Batteries	4 x LR6 AA
Protecting class	IPX4

	Order-No.
HygBox Connect	2622.15.000

Accessories	Order-No.
Connection set siphon	2622.00.900
Connection set waste water	2622.00.901
Connection set 2 Boxes	2622.00.902
Adhesive set for wall bracket	2622.00.909
Power supply	1500.01.915

Spare parts	Order-No.
Cable for pressure sensor	2622.00.905
Cartridge valve	2622.00.904
Reed-Contact 2.5 mm	2622.00.907
Reed-Contact 4 mm	2622.00.908
Temperature sensor	2622.00.906
Wall bracket	2622.00.903

Dimensions (mm)	
A	G 3/8"
A1	18 mm for hose (8 mm \varnothing)
H	127
h	65
h1	87
L	90
I	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 54) and regeneration salt!

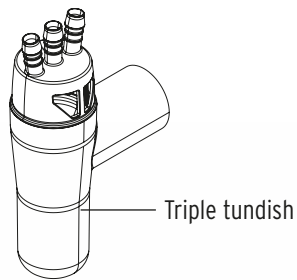
Technical specifications

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

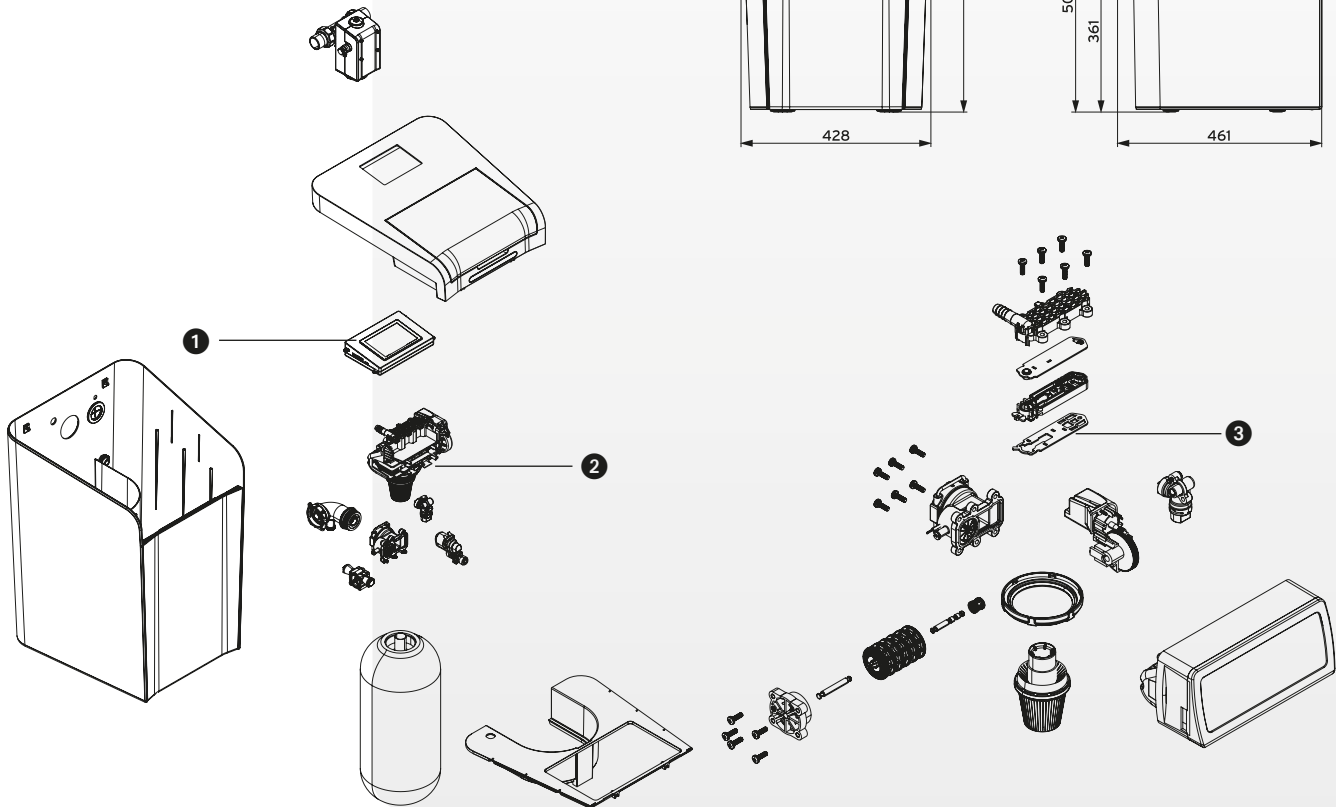
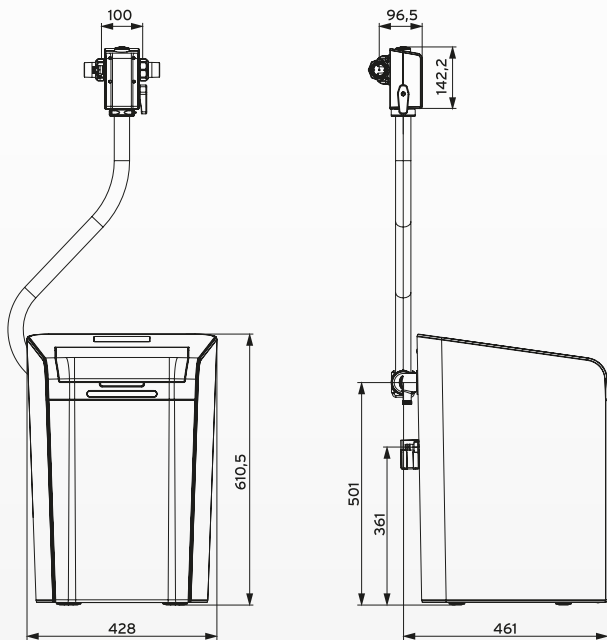
	Order-No.
NeoSoft 2500 Connect	2500.00.000

- 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

Accessories	Order-No.
Connection fitting garden	2500.00.013
Hardness tester	3000.00.913
Regeneration salt (25 kg)	3000.00.911
Spare parts	
Triple tundish	0214.00.005
Wiring harness solenoid valve	2500.00.904
Board unit with display	2500.00.900
Mainboard connection cable	2500.00.903
Connecting cable brine turbine	2500.00.905
Power supply	1500.01.915
Control head	2500.00.901
Maintenance set	2500.00.902



- 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 54) and regeneration salt!

Technical specifications

Operating pressure	2 - 8 bar
Operating temperature	5 - 25 °C
Ambient temperature	5 - 35 °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

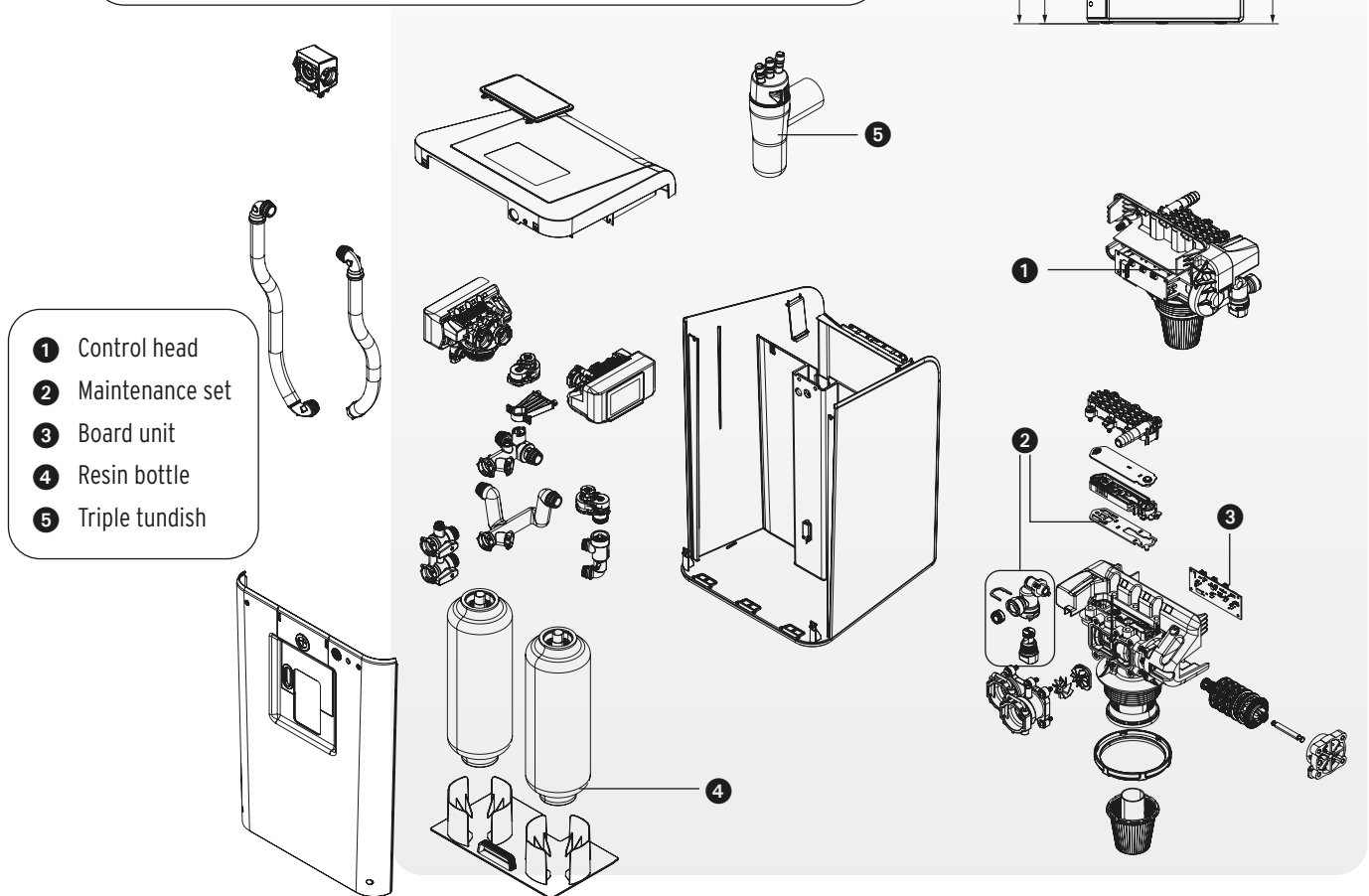
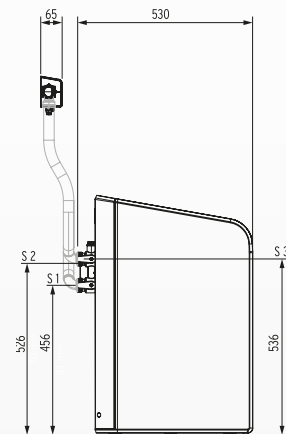
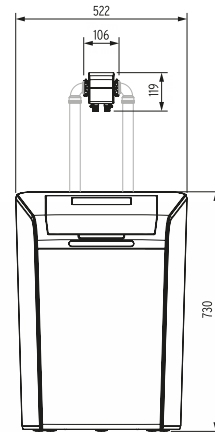
	Order-No.
NeoSoft 5000 Connect	5000.00.000

- 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, DRUFI+ and/or TRIO DFR/LS

Neosoft 5000 Connect Duplex water softener

1

Accessories	Order-No.
Connection fitting garden	1500.01.013
Hardness tester	3000.00.913
Regeneration salt (25 kg)	3000.00.911
Spare parts	
Connection set filter	5000.00.900
Resin bottle (1 x)	5000.00.905
Armored hose (1 x)	5000.00.901
Board unit with display	5000.00.903
Power supply	5000.00.906
Control head	5000.00.904
Maintenance set	5000.00.902
Shelf	5000.00.908
Wiring harness brine unit	5000.00.909
Wiring harness conversion and intersection	5000.00.910
Conductivity cartridge	5000.00.914
Armored hose set (angle 1.85 m)	1500.01.966
Stepper motor for blending and changeover	5000.00.911
Plug for potential-free contacts	5000.00.915
Output housing including changeover	5000.00.913
Triple tundish	0214.00.005
Bypass valve complete	5000.00.907
Blending valve	5000.00.912





Neosoft 8000 Connect Duplex water softener

The NeoSoft 8000 Connect reliably supplies up to 25 residential units with soft water around the clock with two twin units operating in parallel up to 25 residential units with soft water around the clock. The parallel flow of both components ensures particularly hygienic operation and a high flow rate. The automatic, consumption-dependent selection of the operating mode (ECO, Standard or Power) ensures economical operation. Thanks to the ready-to-connect delivery and the fully automatic setting of the water hardness, the two individual modules can be simply be mounted on the SYR double flange and put into operation and put into operation. **A double connection flange, two triple funnel siphons and two SafeFloor Connect floor sensors are included in the scope of delivery. Please order regeneration salt at the same time!**

Technical specifications

Operating pressure	2 - 8 bar
Operating temperature	5 - 25 °C
Ambient temperature	5 - 35 °C
Fluid	potable water
Flow rate DIN 14743	6 m ³ /h at Δp 1.0 bar
DIN 19636 from 20 °dH to 8 °dH	8 m ³ /h at Δp 1.0 bar
Resin volume	2 x 10 litres
Voltage power supply	230V / 50 Hz / 6W
Nominal capacity	Eco 2 x 10 m ³ x °dh Standard 2 x 20 m ³ x °dh Power 2 x 30 m ³ x °dh
Salt consumption / regeneration	0.3 - 1.2 kg per unit

	Order-No.
Neosoft 5000 Connect	8000.32.000
	8000.40.000
	8000.50.000

- Noticeably soft water for up to 25 residential units
- WLAN/LAN-capable, control and monitoring possible via SYR app
- Notifications via push message/email (online mode)
- Fully automatic commissioning
- 7" touchscreen with wipe function for intuitive control
- Automatic selection of operating mode (Eco, Standard, Power)
- Automatic salt level detection
- Pre-assembled and ready for connection
- Torsion-proof connection thanks to innovative plug-in system
- potential-free fault signal contact
- Electronic adjustment of water hardness

Neosoft 5000 Connect Duplex water softener

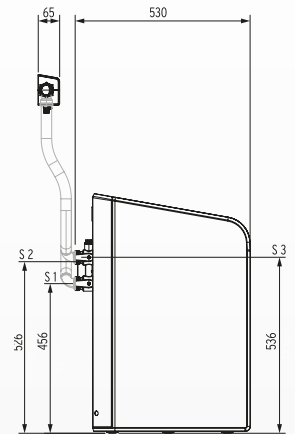
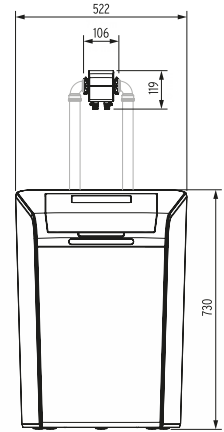
1

Accessories	Order-No.
Connection fitting garden	1500.01.013
Hardness tester	3000.00.913
Regeneration salt (25 kg)	3000.00.911

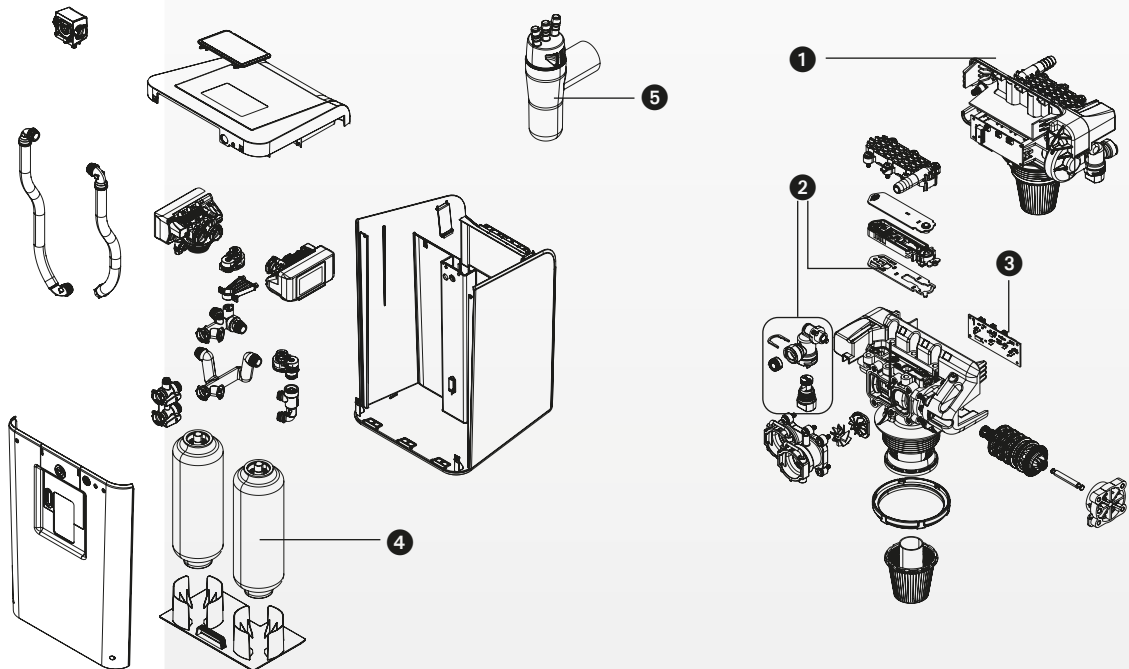
Spare parts	Order-No.
Connection set filter	5000.00.900
Resin bottle (1 x)	5000.00.905
Armored hose (1 x)	5000.00.901
Board unit with display	5000.00.903
Power supply	5000.00.906
Control head	5000.00.904
Maintenance set	5000.00.902
Shelf	5000.00.908
Wiring harness brine unit	5000.00.909
Wiring harness conversion and intersection	5000.00.910
Conductivity cartridge	5000.00.914
Armored hose set (angle 1.85 m)	1500.01.966
Stepper motor for blending and changeover	5000.00.911
Plug for potential-free contacts	5000.00.915
Output housing including changeover	5000.00.913
Triple tundish	0214.00.005
Bypass valve complete	5000.00.907
Blending valve	5000.00.912

Dimensions [mm]

S1 = Eingang
S2 = Spülwasser-/
Überlaufschlauch
S3 = Ausgang

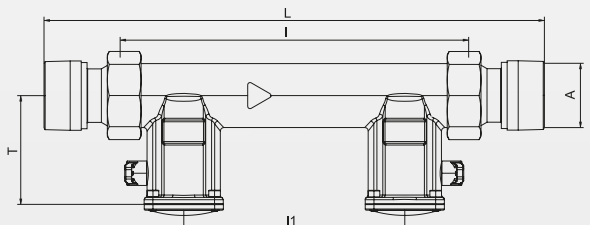


- 1 Control head
- 2 Maintenance set
- 3 Board unit
- 4 Resin bottle
- 5 Triple tundish



Baumaße Doppelanschlussflansch (mm)

	DN 32	DN 40	DN 50
A	R 1 1/4"	R 1 1/2"	R 2"
L	390	390	430
I	300	300	300
II	190	190	190
T	93,5	93,5	93,5





LEX Plus 10 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 unit. Connection accessories (safe push-fit system) and bypass valve included. **Do not forget to order the SYR connection flange (page 54) 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.

LEX Plus 10 Connect	1500.01.010
----------------------------	-------------

Accessories

		Order-No.
Flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200
Double flange	DN 32	1500.32.000
	DN 40	1500.40.000
	DN 50	1500.50.000
Salt for regen. process (25 kg)		3000.00.911
Armoured hose (1.85m)		1500.01.951

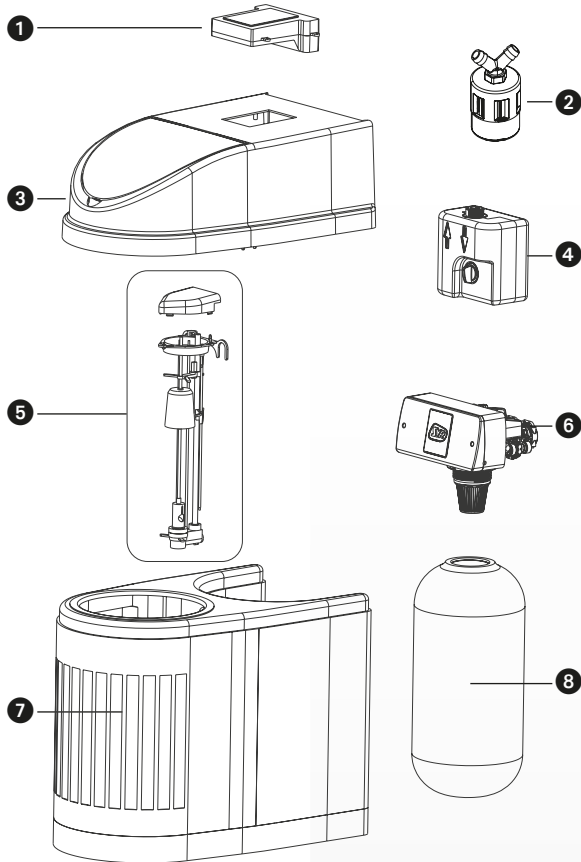
Spare parts

Control unit	1500.01.906
Sealing set	1500.01.921
Turbine	1500.01.919
Magnetic valve	1500.01.922
Cabinet cover	1500.01.907
Drive piston	1500.01.902
Tundish	0214.00.908
Reed-contact	1500.01.918
Board control head	1500.01.914
Bypass- and blending valve	1500.01.916
Chlorinator	1500.01.920
Pressure sensor	1500.01.917
Drive unit	1500.01.903
Control head	1500.01.901
Wiring harness brine pipe	1500.01.911
Filling level unit	1500.01.905
Wiring harness control head	1500.01.912
Cabinet	1500.01.908
Wiring harness blending valve	1500.01.913
Resin bottle	1500.01.904
Turbine control head	1500.01.953
Extension for flat cable 1.5 m	1500.01.935
LED	1500.01.948

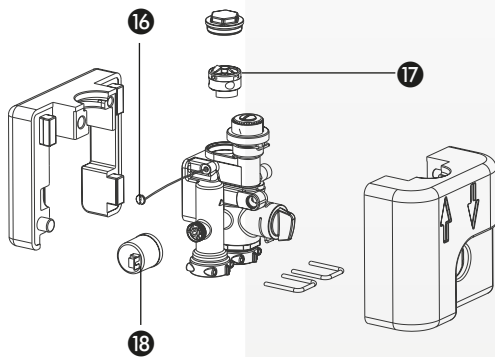
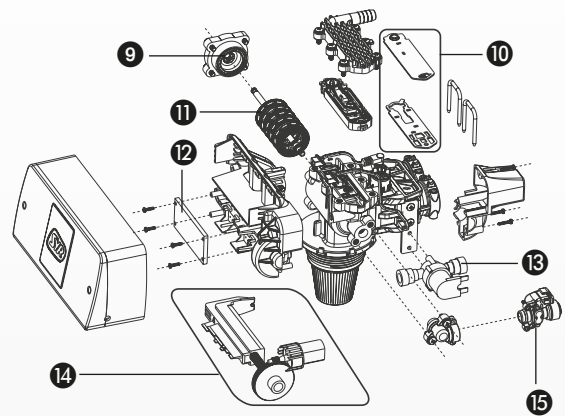
- Semiautomatic, simple start-up
- Flexible mounting options
- Safe-connection by new plug-in system
- Compact design
- Internet supported, controllable via SYR app
- User-friendly operation via touch display
- Illuminated salt container
- Salt saving
- Including tundish

LEX Plus 10 Connect Single Water Softener

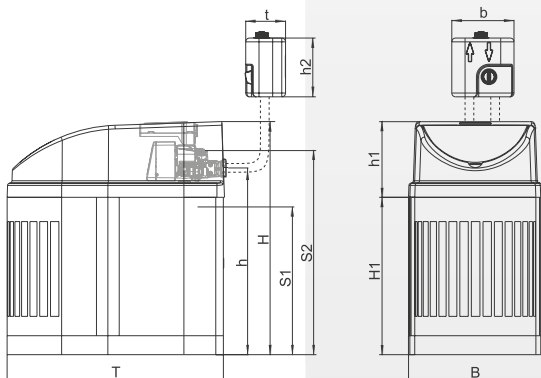
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Spare parts	Order-No.
Power supply	1500.01.915
Maintenance set	1500.01.900
Armoured hose	1500.01.929
Lid for cover	1500.01.946
Piston plate	1500.01.945
Adapter connection for hose extension (2 pcs)	1500.01.928
Resin bottle with control head	1500.01.944
Sealing kit	1500.01.940
Hardness tester	3000.00.913



- | | |
|------------------------------|-----------------------|
| 1 Control unit | 10 Sealing set |
| 2 Tundish | 11 Drive piston |
| 3 Cabinet cover | 12 Board control head |
| 4 Bypass- and blending valve | 13 Magnetic valve |
| 5 Filling level unit | 14 Drive unit |
| 6 Control head | 15 Chlorinator |
| 7 Cabinet | 16 Reed-contact |
| 8 Resin bottle | 17 Turbine |
| 9 Piston plate | 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 54) 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

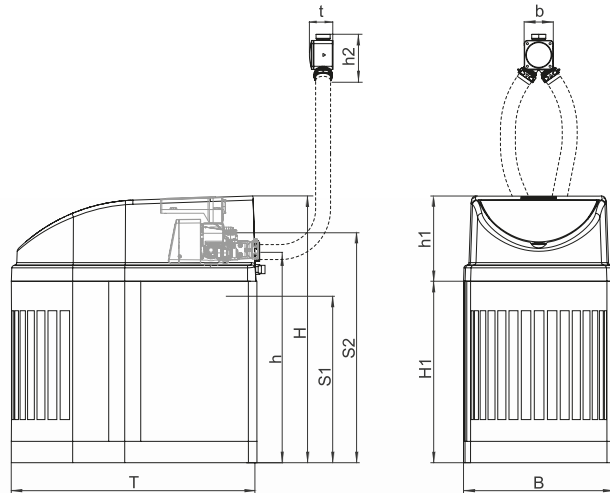
	Order-No.
LEX Plus 10 S Connect	1500.01.011

Accessories	Order-No.	
Flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200
Double flange	DN 32	1500.32.000
	DN 40	1500.40.000
	DN 50	1500.50.000
Regeneration salt (25 kg)	3000.00.911	
Armoured hose (1.85)	1500.01.952	
Adapter connection for hose extension (2 pcs.)	1500.01.928	

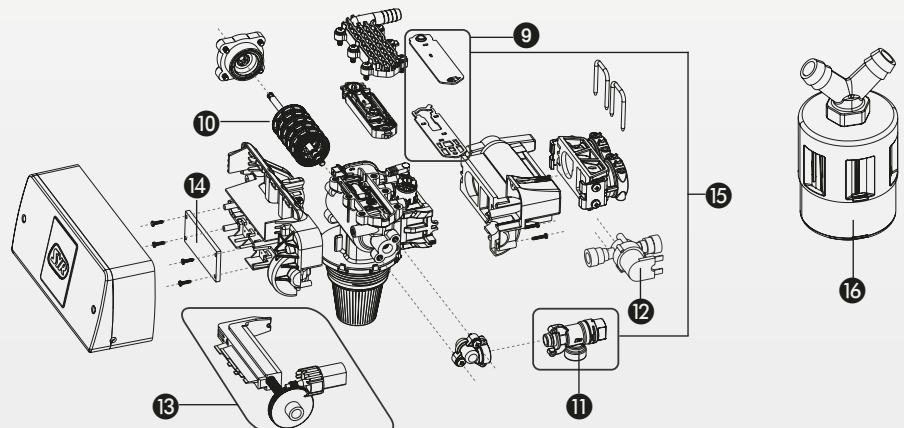
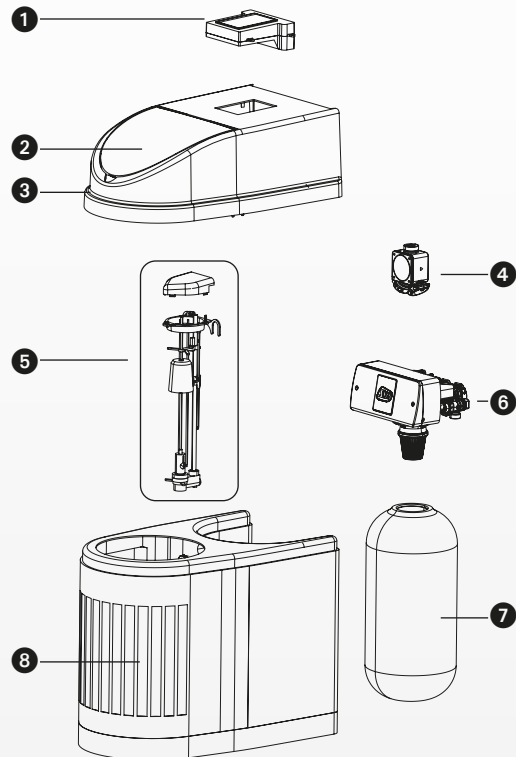
Spare parts	Order-No.
Control unit	1500.01.947
Sealing set	1500.01.921
Magnetic valve	1500.01.922
Cabinet cover	1500.01.907
Drive piston	1500.01.902
Tundish	0214.00.908
Board control head	1500.01.914
Sandwich blending valve	1500.01.941
Chlorinator	1500.01.920
Drive unit	1500.01.903
Control head	1500.01.950
Wiring harness brine pipe	1500.01.911
Filling level unit	1500.01.905
Wiring harness control head	1500.01.912
Cabinet	1500.01.908
Resin bottle	1500.01.904
Power supply	1500.01.915
Maintenance set	1500.01.900
Armoured hose	1500.01.929
Lid for cover	1500.01.946
Piston plate	1500.01.945
Sealing kit	1500.01.940
Hardness tester	3000.00.913

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 54) 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.
LEX Plus 10 SL Connect	1500.01.012

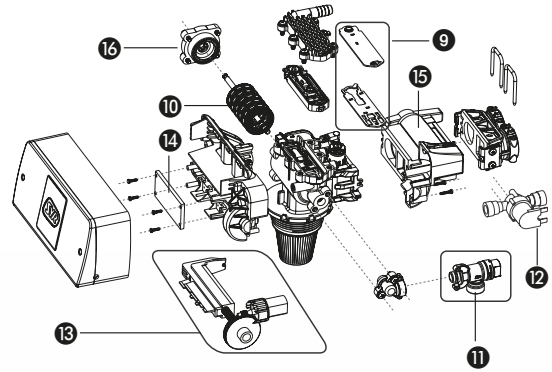
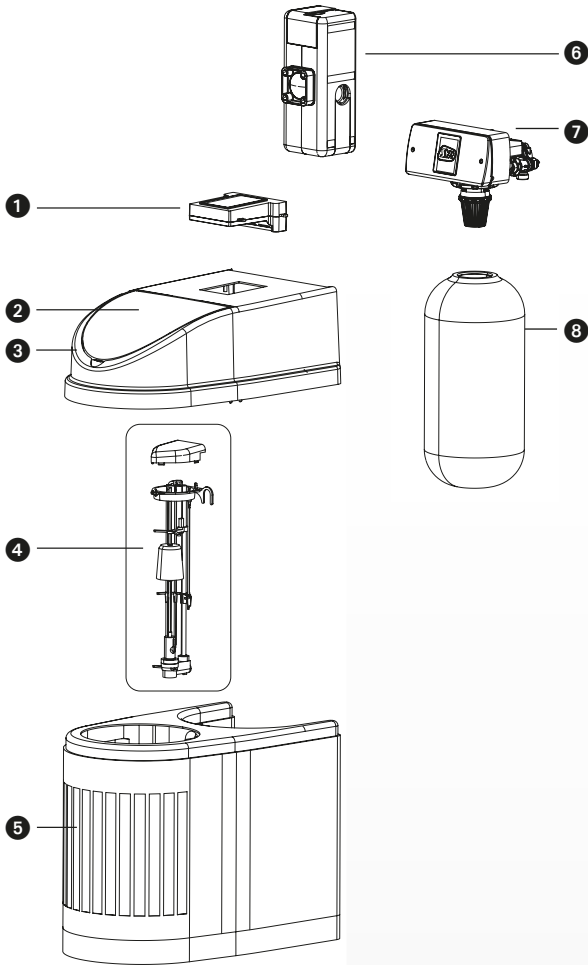
With sandwich connection fitting with leakage protection function for the additional connection of a DRUFI drinking water filter

- 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

Flange DN 20 2315.20.200

DN 25 2315.25.200

DN 32 2315.32.200

Double flange DN 32 1500.32.000

DN 40 1500.40.000

DN 50 1500.50.000

Armoured hose (1.85 m) 1500.01.952

Regeneration salt (25 kg) 3000.00.911

Spare parts

Tundish 0214.00.908

Drive unit 1500.01.903

Drive piston 1500.01.902

Chlorinator 1500.01.920

Sealing kit 1500.01.940

Sealing set 1500.01.921

Filling level unit 1500.01.905

Hardness tester 3000.00.913

Resin bottle 1500.01.904

Wiring harness brine pipe 1500.01.911

Wiring harness control head 1500.01.912

Cabinet 1500.01.908

Cabinet cover 1500.01.907

Lid for cover 1500.01.946

Piston plate 1500.01.945

Magnetic valve 1500.01.922

Power supply 1500.01.915

Armoured hose 1500.01.929

Board control head 1500.01.914

Sandwich connecting valve

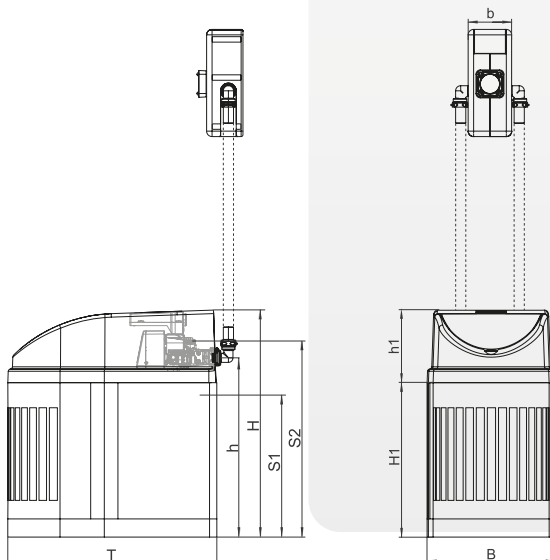
with leakage protection 1500.01.956

Control head 1500.01.950

Control unit SL, complete 1500.01.955

Maintenance set 1500.01.900

Disinfectant 1500.00.998



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 54) 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.

LEX 10	1500.00.010
LEX 20	1500.00.020
LEX 30	1500.00.030

Accessories

Order-No.

Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005

Spare parts

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

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.



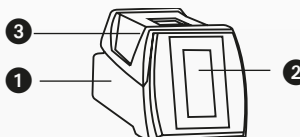
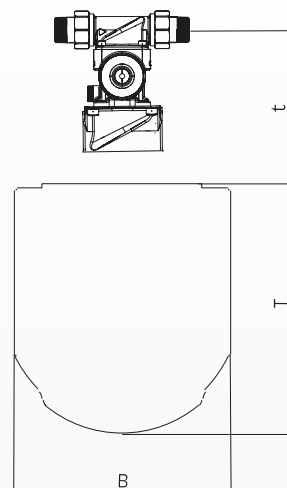
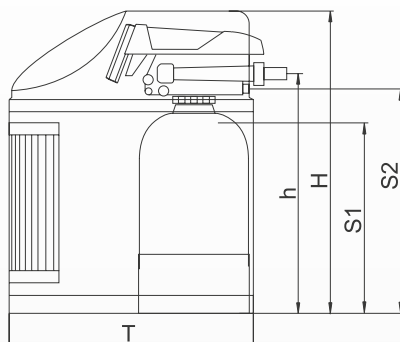
Spare parts

Order-No.

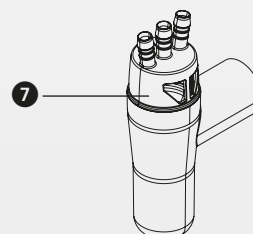
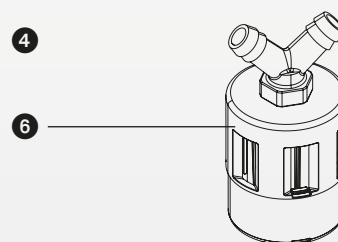
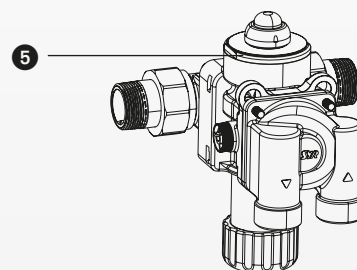
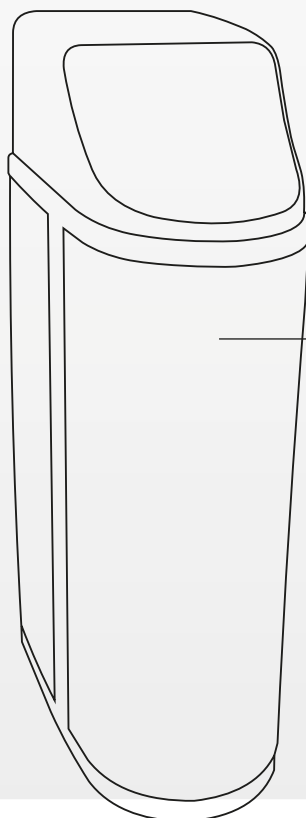
Resin bottle	
LEX 10	1500.00.926
LEX 20	1500.00.927
LEX 30	1500.00.928
John-Guest-connecting angle	1500.00.929
Motor with cable loom	1500.00.964
Power plug f. plastics display (old)	1500.00.948
Power plug for glass display (new)	1500.01.915
Optical eye	1500.00.968

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 56) 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.

LEX 40	1500.00.040
LEX 60	1500.00.060
LEX 80	1500.00.080
LEX 100	1500.00.100

Accessories

Order-No.

Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005

Spare parts

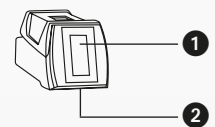
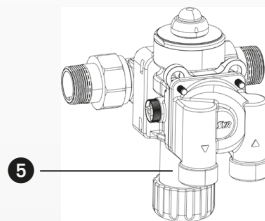
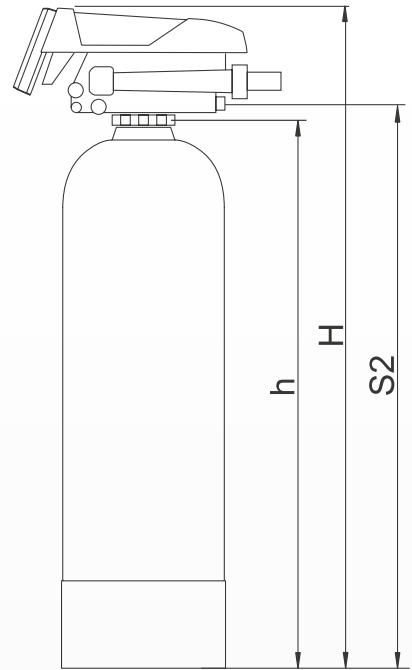
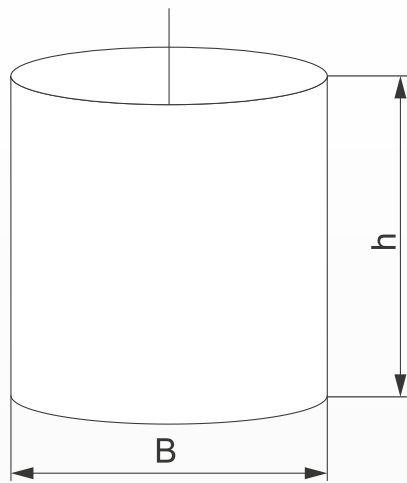
Shut off- and bypass valve	1700.00.001
Hardness tester	3000.00.913
Cover control head	1500.00.945
Sealing material	1500.00.904
Flexible connecting hoses (2 pcs.)	1500.00.905
Maintenance kit	1500.00.930
Chlorine cell	1500.00.965
John-Guest-connecting angle	1500.00.929
Motor with cable loom	1500.00.964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

Dimensions resin bottle

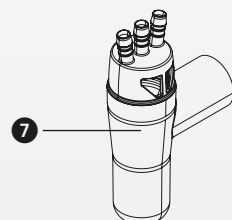
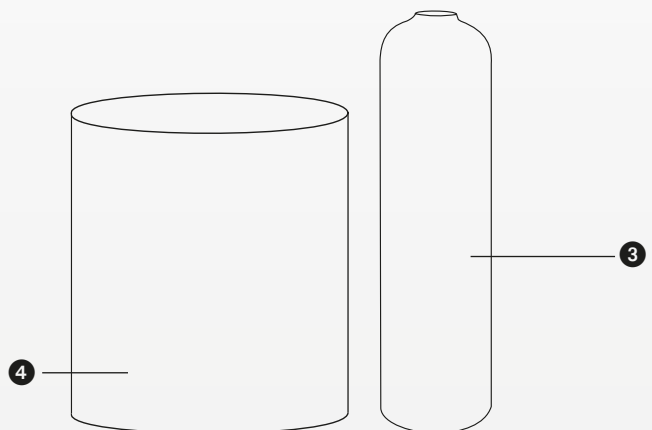
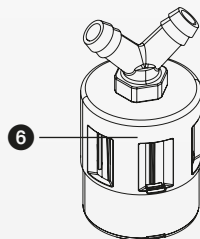
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
S2 rinsing water	1.255	1.251	1.465	1.685

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.
LEX 10	1500.02.010
LEX 20	1500.02.020
LEX 30	1500.02.030

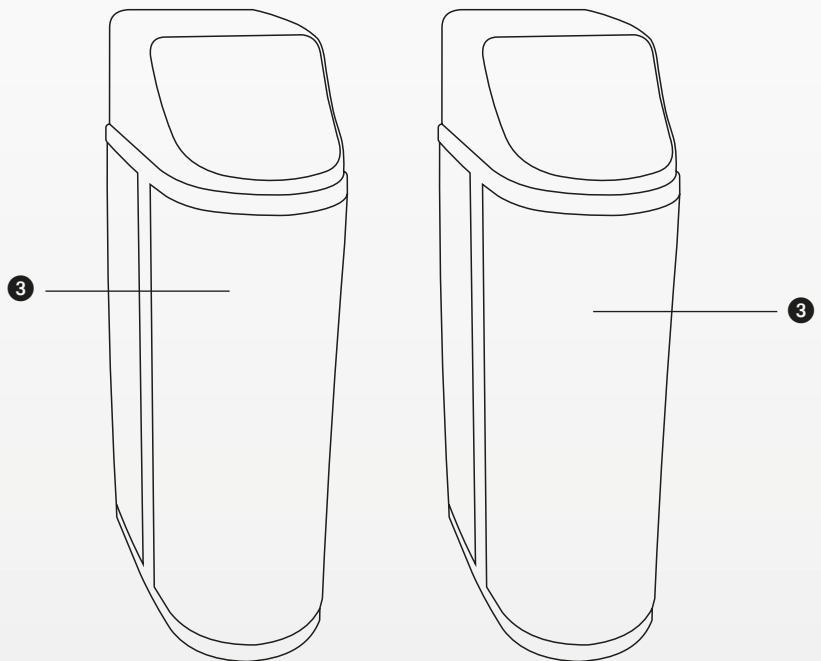
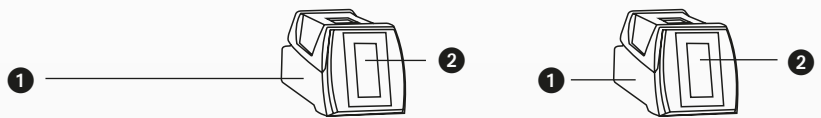
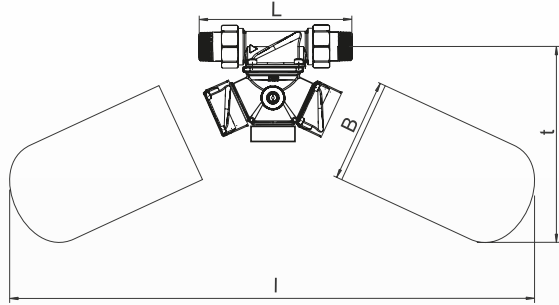
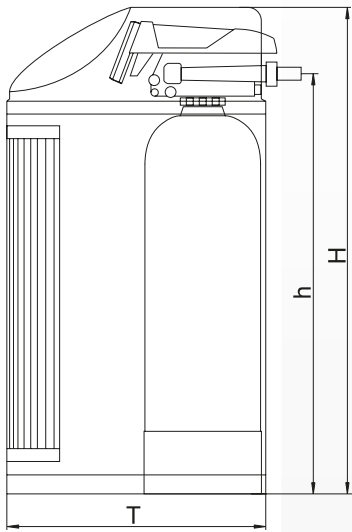
Accessories	Order-No.
Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005
Spare parts	
Shut off and bypass valve	1700.00.002
Hardness tester	3000.00.913
Universalflange	DN 32 2315.32.201
max	DN 40 2315.40.201
Cover with lid	1500.00.912
Blending valve for triple distributor	1500.00.947
Salt container	
LEX 10	1500.00.913
LEX 20 + 30	1500.00.901
Control head	
LEX 10	1500.00.903
LEX 20	1500.00.920
LEX 30	1500.00.921
Sealing material	1500.00.904
Flexible connecting hoses (2 pcs.)	1500.00.905
Connect control	
LEX 10 Duplex water softener	1500.00.914
LEX 20 Duplex water softener	1500.00.915
LEX 30 Duplex water softener	1500.00.916
Maintenance kit	1500.00.930
Lid for cover	1500.00.923
Maintenance case	1500.00.922

Dimensions (mm)

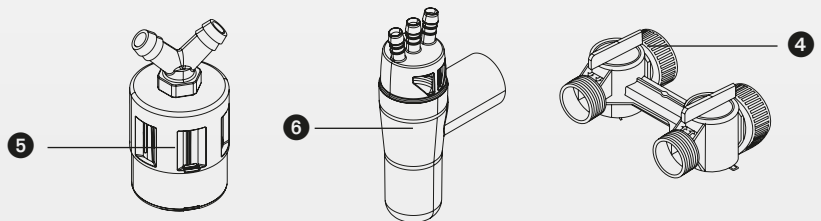
Type	LEX 10	LEX 20/30
H	860	1130
h	730	970
t	min. 335	min. 335
T	600	600
L		
DN 32	570	570
DN 40	570	570
DN 50	610	610
l	480	480
B	350	350

Spare parts

	Order-No.
Resin bottle	
LEX 10	1500.00.926
LEX 20	1500.00.927
LEX 30	1500.00.928
John-Guest-connecting angle	1500.00.929
Power plug f. plastics display (old)	1500.00.948
Power plug for glass display (new)	1500.01.915



- 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 56) 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
Connection size	DN 32	DN 40	DN 50	DN 50
	LEX 40	LEX 60	LEX 80	LEX 100
Max. housing units	25	40	55	65

Duplex Water Softener

Order-No.

LEX 40	1500.02.040
LEX 60	1500.02.060
LEX 80	1500.02.080
LEX 100	1500.02.100

Accessories

Order-No.

Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005

Spare parts

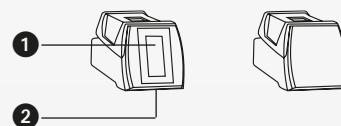
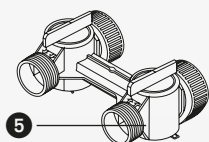
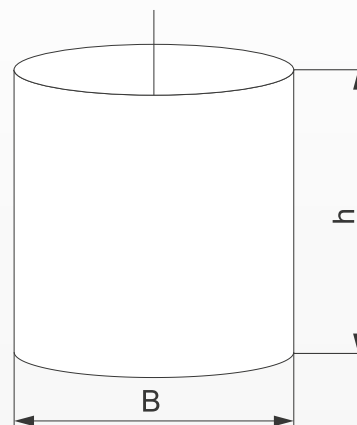
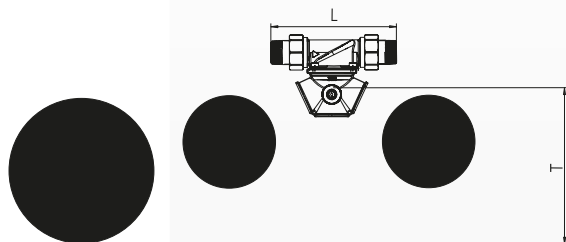
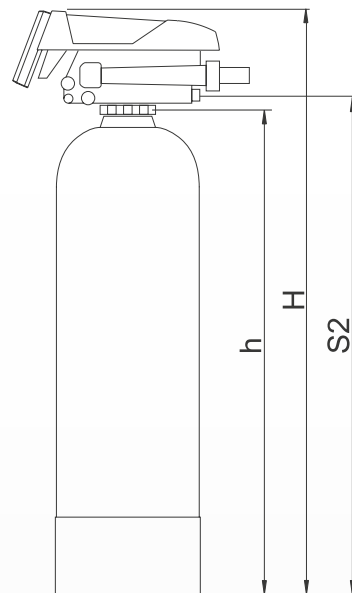
Shut off- and bypass valve	1700.00.002
Hardness tester	3000.00.913
Cover with lid	1500.00.912
Cover control head	1500.00.945
Sealing material	1500.00.904
Flexible connecting hoses (2 pcs.)	1500.00.905
Maintenance kit	1500.00.930
Lid for cover	1500.00.923
Chlorine cell	1500.00.965
John-Guest-connecting angle	1500.00.929
Motor with cable loom	1500.00.964
Power plug f. plastics display (old)	1500.00.948
Power plug for glass display (new)	1500.01.915
Optical eye	1500.00.968

Dimensions resin bottle

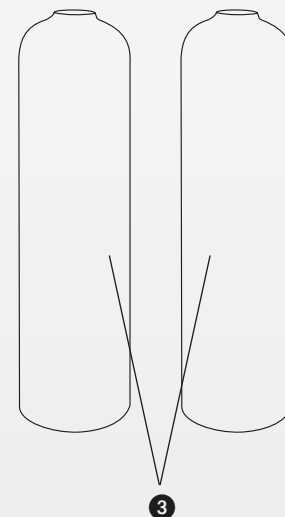
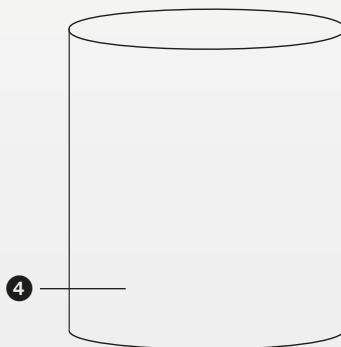
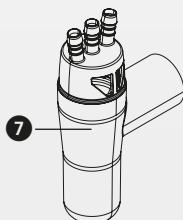
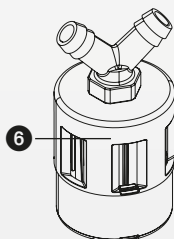
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
T	~1.000	~1.000	~1.000	~1.000
S2 rinsing water	1.255	1.251	1.465	1.685

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°dH	40x°dH	60x°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.

LEX 10	1500.00.012
LEX 20	1500.00.022
LEX 30	1500.00.032

Accessories Order-No.

Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005

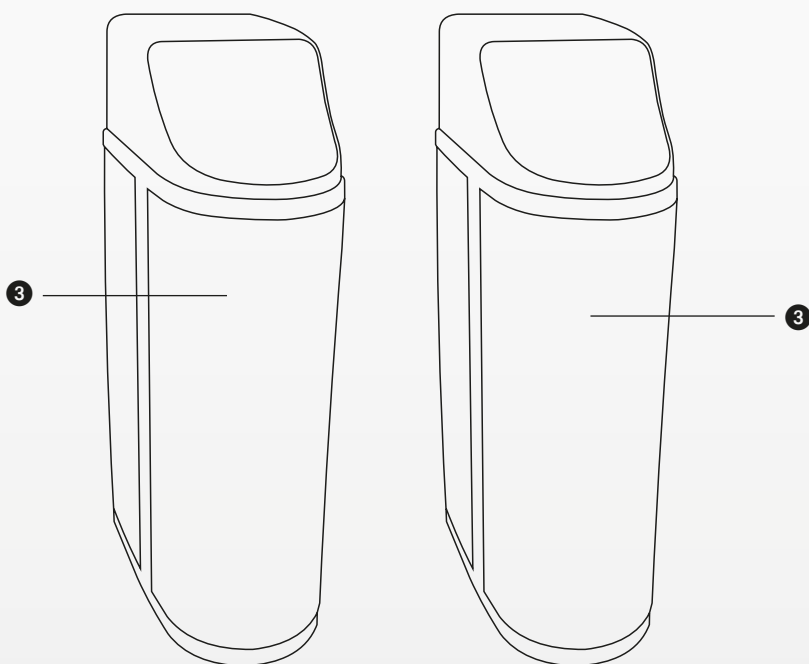
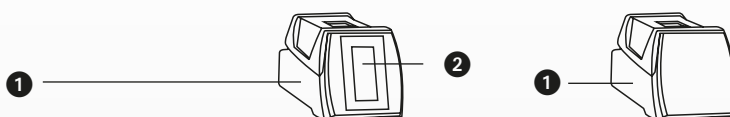
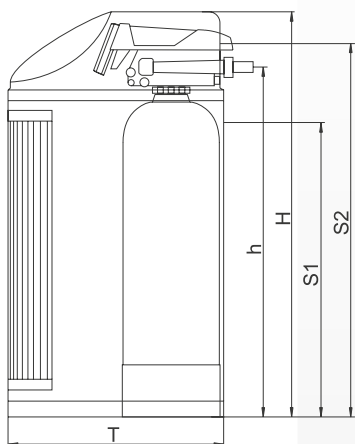
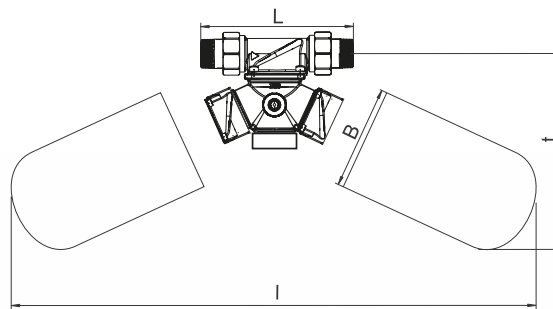
Spare parts

Shut off and bypass valve	1700.00.002
Hardness tester	3000.00.913
Universal flange max	DN 32 2315.32.201
	DN 40 2315.40.201
Cover with lid	1500.00.912
Blending valve for triple distributor	1500.00.947
Salt container	
LEX 10	1500.00.913
LEX 20 + 30	1500.00.901
Control head	
LEX 10	1500.00.934
LEX 20	1500.00.935
LEX 30	1500.00.936
Sealing material	1500.00.904
Flexible connecting hoses (2 pcs.)	1500.00.905
Connect control	
LEX 10 Alternating water softener	1500.00.951
LEX 20 Alternating water softener	1500.00.953
LEX 30 Alternating water softener	1500.00.955
Maintenance kit	1500.00.930
Lid for cover	1500.00.923
Maintenance case	1500.00.922
Control box	1500.00.986
Belimo shut-off valve	1500.00.982
Motor with cable loom	1500.00.964

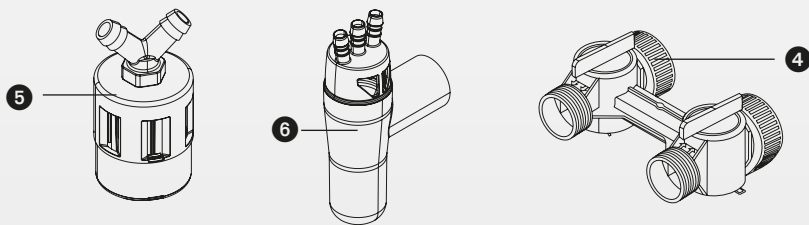
LEX 1500 Connect Alternating Water Softener

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 56) 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
Connection size	DN 32	DN 40	DN 50	DN 50
	LEX 40	LEX 60	LEX 80	LEX 100
Max. housing units	15	20	25	35

Alternating Water Softener Order-No.

LEX 40	1500.00.042
LEX 60	1500.00.062
LEX 80	1500.00.082
LEX 100	1500.00.102

Accessories Order-No.

Regeneration salt (25 kg)	3000.00.911
Tundish	0214.00.908
Triple tundish	0214.00.005

Spare parts

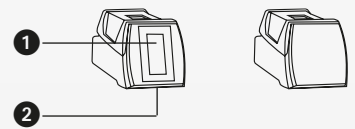
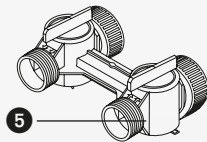
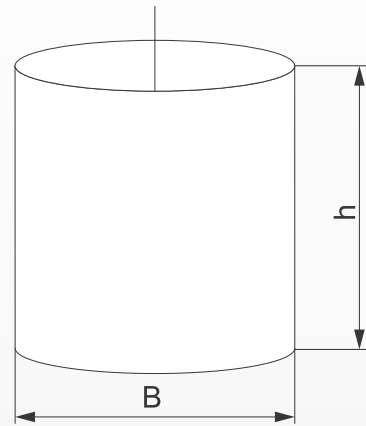
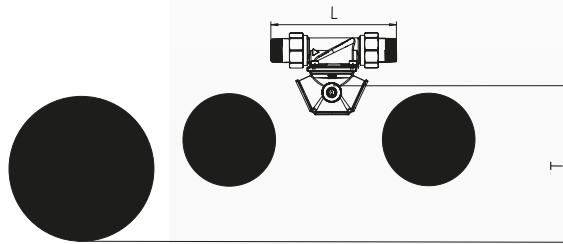
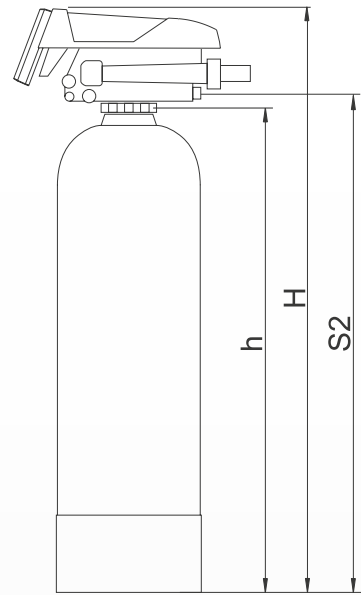
Shut off- and bypass valve	1700.00.002
Belimo shut-off valve	1500.00.982
Hardness tester	3000.00.913
Cover with lid	1500.00.912
Cover control head	1500.00.945
Sealing material	1500.00.904
Flexible connecting hoses (2 pcs.)	1500.00.905
Maintenance kit	1500.00.930
Lid for cover	1500.00.923
Chlorine cell	1500.00.965
John-Guest-connecting angle	1500.00.929
Motor with cable loom	1500.00.964
Power plug f. plastics display (old)	1500.00.948
Power plug for glass display (new)	1500.01.915
Optical eye	1500.00.968
Control box	1500.00.986
Blending valve for dual manifold	1500.00.950

Dimensions resin bottle

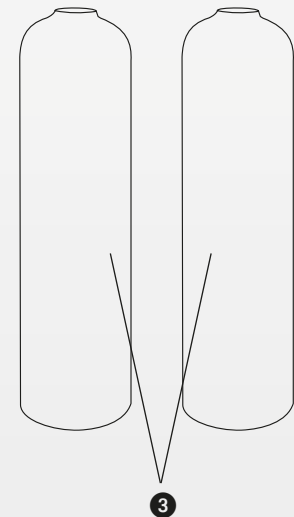
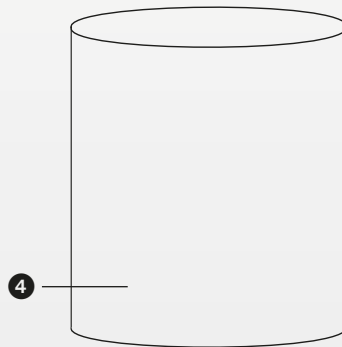
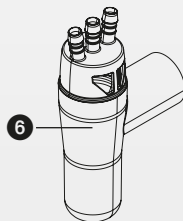
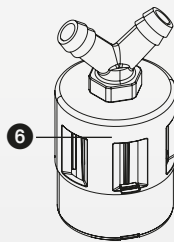
(mm)	LEX 40	LEX 60	LEX 80	LEX 100
H	1.318	1.406	1.560	1.780
h	1.230	1.219	1.390	1.610
T	~1.000	~1.000	~1.000	~1.000
S2 rinsing water	1.255	1.251	1.465	1.685

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	10.049,10	2
LEX T2 (3 x 30 litre)	1500.00.025	10.892,90	2
LEX T3 (3 x 60 litre)	1500.00.035	16.012,30	2
LEX T4 (3 x 90 litre)	1500.00.045	20.577,85	2
LEX T5 (3 x 125 litre)	1500.00.055	22.529,85	2

Accessories	Order-No.
Regeneration salt (25 kg)	3000.00.911
Tundish *	0214.00.908
Triple tundish	0214.00.005

* For Lex-T units you need 3 pieces!

Spare parts

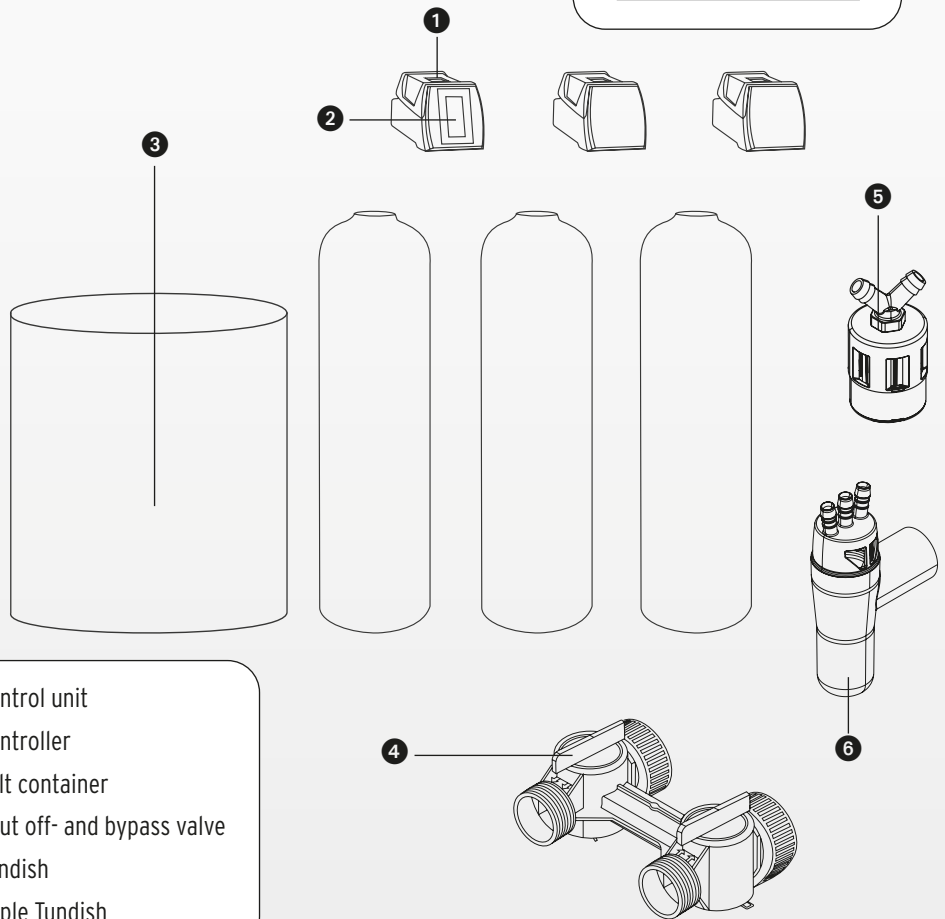
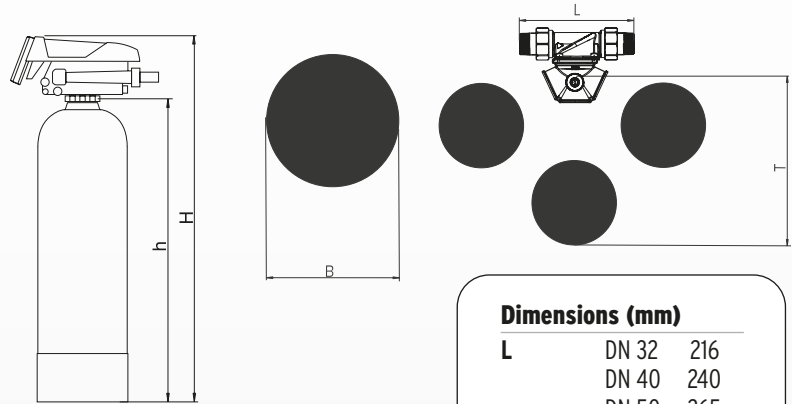
Universal flange max	DN 32	2315.32.201
	DN 40	2315.40.201
	DN 50	2315.50.201
Shut-off- and bypass valve		1700.00.002
Hardness tester		3000.00.913
Blending valve for double distributor		1500.00.947
Salt container	110 litre (T1)	1500.00.967
	200 litre (T2)	1500.00.932
	300 litre (T3+T4)	1500.00.933
	500 litre (T5)	1500.00.988
Control head	LEX T1	1500.00.920
	LEX T2	1500.00.921
	LEX T3	1500.00.937
	LEX T4	1500.00.938
	LEX T5	1500.00.900
Sealing material		1500.00.904
Connect control	LEX T1	1500.00.941
	LEX T2	1500.00.942
	LEX T3	1500.00.943
	LEX T4	1500.00.944
	LEX T5	1500.00.999
Flexible connecting hoses		1500.00.905

Spare parts **Order-No.**

Maintenance kit		1500.00.930
Maintenance case		1500.00.922
Resin bottle	LEX 20 (T1)	1500.00.927
	LEX 30 (T2)	1500.00.928
	LEX 60 (T3)	1500.00.939
	LEX 90 (T4)	1500.00.940
	LEX 125 (T5)	1500.00.987
John-Guest-connecting angle		1500.00.929
Motor with cable loom		1500.00.964
Power plug f. plastics display (old)		1500.00.948
Power plug for glass display (new)		1500.01.915

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



- 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.

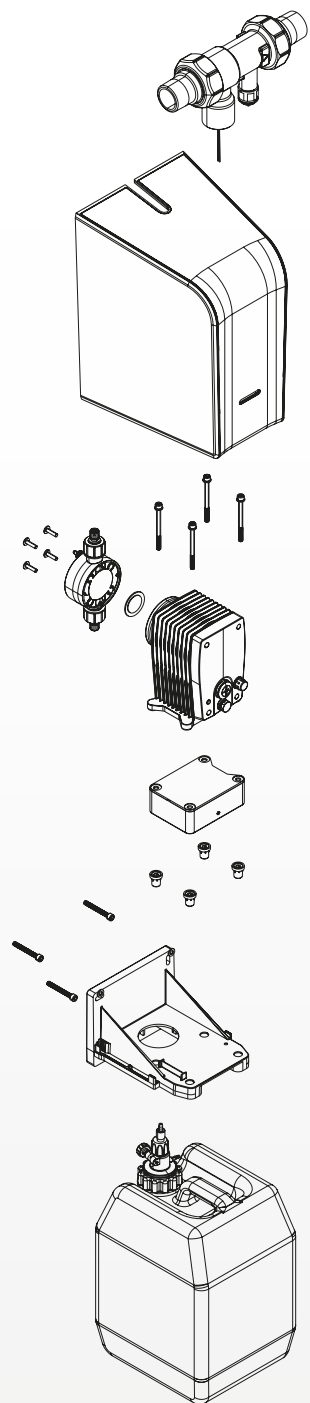
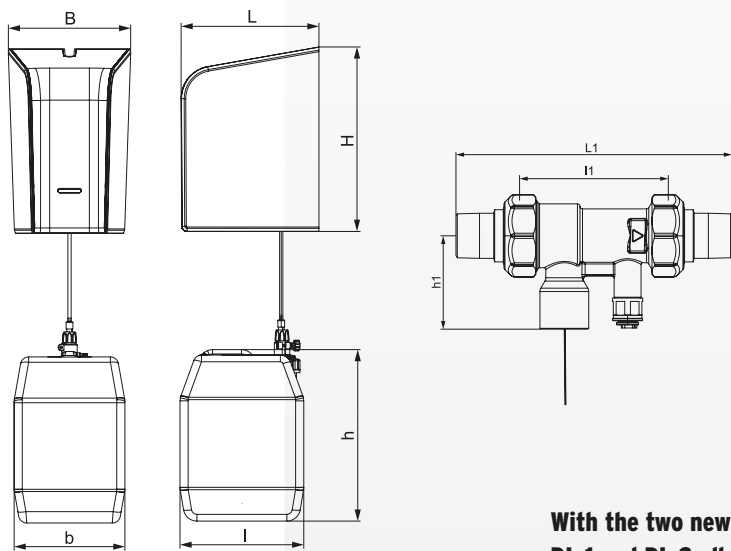
NeoDos Connect Dosing pump 3100.00.010

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

- **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**

Accessories		Order-No.
Connection set	DN 20	3100.20.000
	DN 25	3100.25.000
	DN 32	3100.32.000
Connection set LEX plus series		3100.00.011
Dosing solution DL 1	10 litres	3100.00.919
	5 litres	3100.00.921
Dosing solution DL 2	10 litres	3100.00.920
	5 litres	3100.00.922
Hose-Set		3100.00.923
Spare parts		
Dosing pump		3100.00.927
Electronic box		3100.00.925
Membrane set		3100.00.924
Power supply		3100.00.926

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

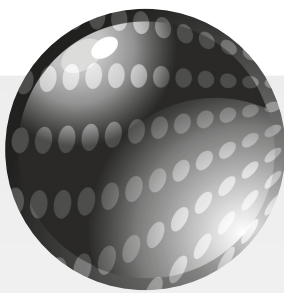


With the two new SYR dosing solutions DL 1 and DL 2 all applications can be covered.

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	50
DRUFI+ max 2315	52
Flange program 2315	54
DUO 2314	58
DUO HOT 2314	60
Ratio 5315	62
Ratio HOT 5315	64
Ratio Vario	66
Flange filter 6380	68
POU Smart 7315	70
Automatic Backwash System RSA 2316	72

Filter technology



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 54)!

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 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
Flow rate FR	
DN 20	3.0 m ³ /h at Δp 0.2 bar
DN 25	3.8 m ³ /h at Δp 0.2 bar
DN 32	3.9 m ³ /h at Δp 0.2 bar
DN 20	4.9 m ³ /h at Δp 0.5 bar
DN 25	6.1 m ³ /h at Δp 0.5 bar
DN 32	6.3 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 6952/I
FR	P-IX 6951/I

The DRUFI+ DFR/FR can be upgraded with the automatic backwash RSA (page 72) to a fully automatic system!

DESIGN PLUS

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Product movie

Order-No.

DRUFI+ DFR	2315.01.200
DRUFI+ FR	2315.01.201

- 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

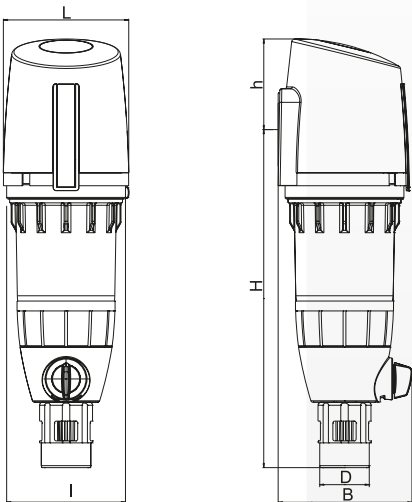
Use the angle tundish to mount the DRUFI in horizontal position!



Dimensions

(mm)

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



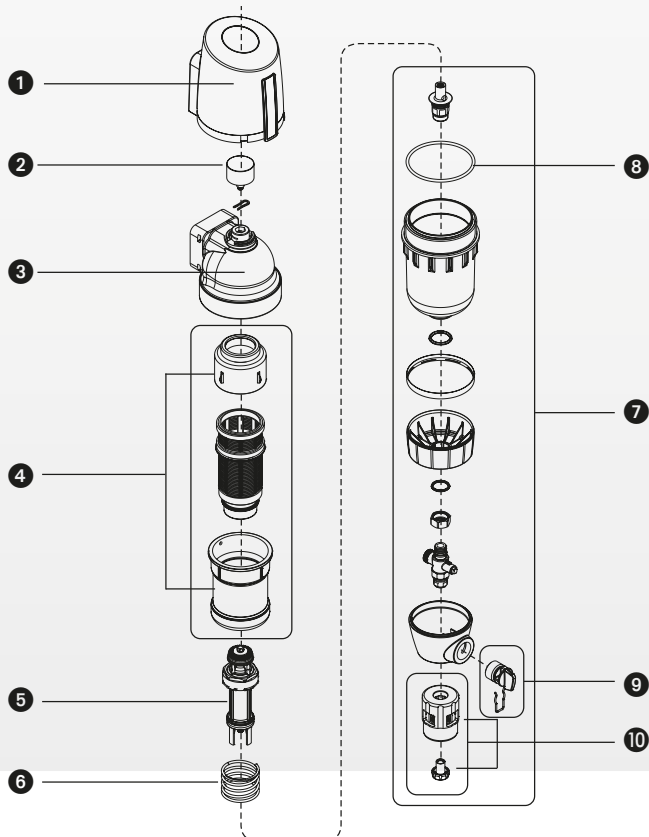
- 1 Cover
- 2 Pressure gauge
- 3 Valve body
- 4 Filter insert
- 5 Pressure reducing cartridge
- 6 Spring
- 7 Filter cup
- 8 O-ring for filter cup
- 9 Backwash knob
- 10 Tundish

Accessories

	Order-No.	
Connection flange	DN 20	2315.20.200
	DN 25	2315.25.200
	DN 32	2315.32.200
Assembly key for filter cup	2000.25.907	
Angle tundish	2315.01.924	

Spare parts

Pressure reducing cartridge, up to 2015 retrofitting and replacement set	2315.01.925	
Pressure reducing cartridge, from 2016 retrofitting and replacement set	2315.01.970	
Filter insert, stainless steel filter mesh (90 µm) and O-ring for filter cup (40 µm) (20 µm)	2315.00.930	
	2315.01.946	
	2315.01.965	
Valve body	DFR	2315.01.918
	FR	2315.00.929
Guide sleeve	FR	2315.00.932
Spring	DFR, FR	2315.00.961
Cover		2315.01.919
Pressure gauge for DRUFI+ 0 -10 bar		2315.01.920
Filter cup up to 2015	DFR	2315.01.914
	FR	2315.01.915
Filter cup from 2016	DFR	2315.01.971
O-ring for filter cup		2315.01.922
Flange seal		2315.00.931
Backwash knob		2315.01.923
Tundish		2315.01.943



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 56)!



Technical specifications

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

Flow rate DFR

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

Flow rate FR

DN 32	8.4 m³/h at Δp 0.2 bar
DN 40	9.0 m³/h at Δp 0.2 bar
DN 50	9.2 m³/h at Δp 0.2 bar
DN 32	13.0 m³/h at Δp 0.5 bar
DN 40	14.5 m³/h at Δp 0.5 bar
DN 50	15.0 m³/h at Δp 0.5 bar

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

Mesh width 90 μ m

ABP.-No.

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

The DRUFI+ max DFR/FR can be upgraded with the automatic backwash RSA (page 72) to a fully automatic system!

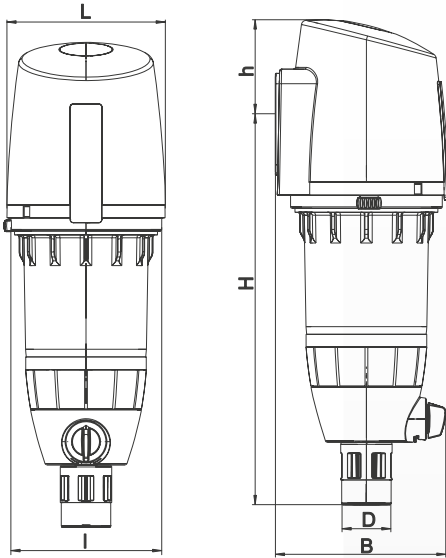


Order-No.

DRUFI+ max DFR	2315.01.202
DRUFI+ max FR	2315.01.203

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

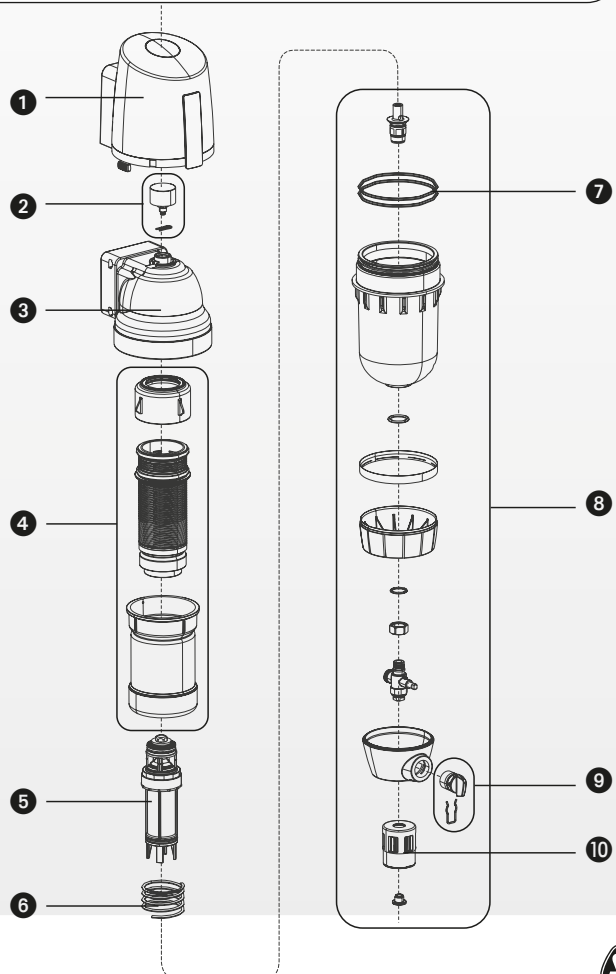
Accessories

Accessories	Order-No.
DRUFI max universal flange	
DN 32	2315.32.201
DN 40	2315.40.201
DN 50	2315.50.201
Assembly key for filter cup	2315.01.927
Angle tundish	2315.01.924

Spare parts

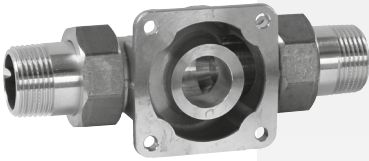
Pressure reducing cartridge with knob	
Retrofitting and replacement set	2315.01.934
Valve body	2315.01.931
Filter insert	2315.01.932
Backwash knob	2315.01.941
O-rings for filter cup	2315.01.940
Filter cup	
DFR max	2315.01.936
FR max	2315.01.937
Pressure gauge	
for DRUFI+ max DFR	2000.00.907
Pressure gauge (horizontal connection)	
for DRUFI+ max flange, 0 - 10 bar	2315.01.930
Flange seal with screws	2315.00.944
Spring	2315.01.935
Guide sleeve	FR
FR	2315.01.933
Tundish	2315.01.943

- 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



SYR Flange program

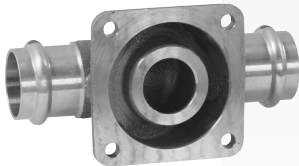
SYR's well-thought-out flange program perfectly fits the respective products. All flanges can be mounted in horizontal or vertical pipes.



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.

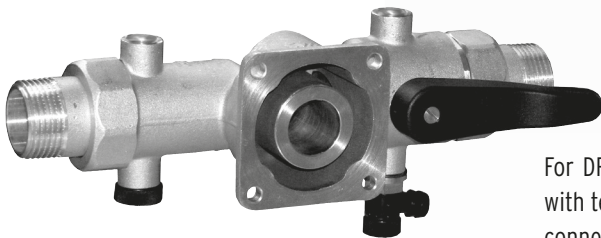
Universal flange	Order-No.
DN 20 Thread union	2315.20.200
DN 25 Thread union	2315.25.200
DN 32 Thread union	2315.32.200



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.

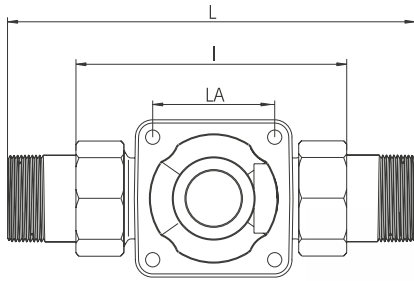
Press flange	Order-No.
22 mm	2315.20.025
28 mm	2315.25.025
35 mm	2315.32.025



Domestic water unit flange 2000 Plus

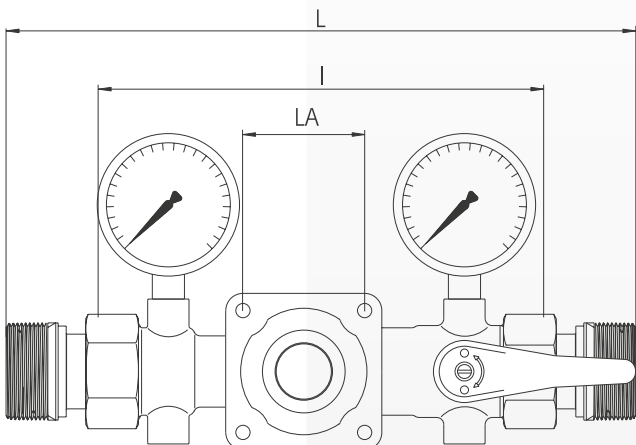
For DRUFI+ as well as other SYR articles. Casing made of gunmetal. Check valve with test device, shut-off valve for maintenance (ball valve), drain of main line and connections for inlet and outlet pressure manometer, with threaded unions on both sides, any mounting position. Inlet and outlet pressure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

HWS-Flange 2000 Plus	Order-No.
DN 20 Thread union	2000.20.015
DN 25 Thread union	2000.25.015
DN 32 Thread union	2000.32.015



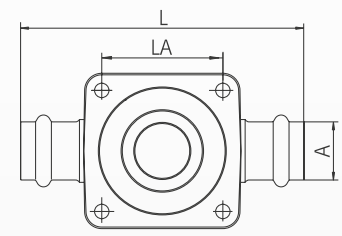
Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	155	170	191
I	90	100	105
LA	53	53	53

Accessories Universal flange	Order-No.
Unions	
DN 20	0812.20.900
DN 25	0812.25.900
DN 32	0812.32.900

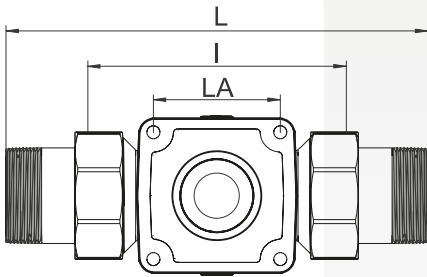
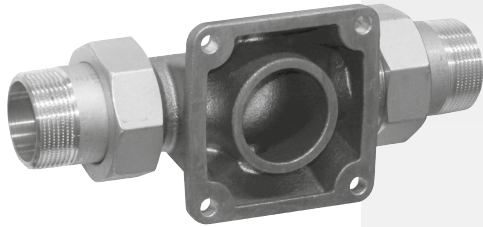


Dimensions Nominal size			
(mm)	DN 20	DN 25	DN 32
L	229	234	250
I	164	164	164
LA	53	53	53

Accessories DWU-Flange	Order-No.
Unions	
DN 20	0814.20.900
DN 25	0812.25.900
DN 32	0816.32.900
Spare parts DWU-Flange	
Pressure gauge	
10 bar	2000.00.906
25 bar	2000.00.907
Check valve	2000.00.910
Manometer plug	0828.08.000
Drain plug	2315.00.920
Isolating valve	2000.00.920



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



Dimensions Nominal size

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

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.
DN 32	2315.32.201
DN 40	2315.40.201
DN 50	2315.50.201

Accessories

Universal flange max	Order-No.
Manometer plug	0828.08.000
Unions	
DN 32	0812.32.900
DN 40	0812.40.900
DN 50	0812.50.900

Spare parts for Universal flange max

Pressure gauge	2315.01.930
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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.
DN 20 - 32	2315.00.071

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.



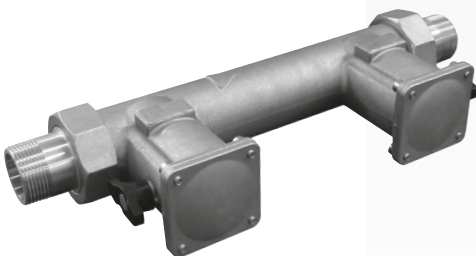
Blanking cap	Order-No.
DN 20 - 32	2320.00.901



Blanking cap	Order-No.
DN 32 - 50	2315.01.911

Double connection flange

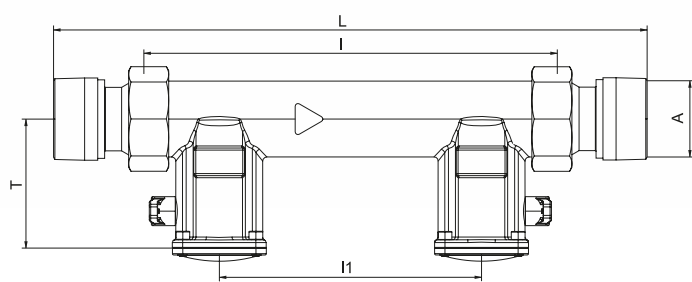
The double connection flange has inlet shut-offs and was created for the soft water systems of the NeoSoft Connect series, the LEX Plus 10 Connect series and for the LEX 1500 Connect (10, 20, 30). The shut-offs are used to adjust the blending.



Double connection flange	Order-No.
DN 32	1500.32.000
DN 40	1500.40.000
DN 50	1500.50.000

If two intersections are fitted, the first intersection must be bridged with a shut-off valve so that the water intersection value can be set precisely for the second. This procedure is used on each side to obtain the desired value.

Dimensions Nominal size			
(mm)	DN 32	DN 40	DN 50
A	R 1¼"	R 1½"	R 2"
L	390	390	430
I	300	300	300
II	190	190	190
T	93,5	93,5	93,5





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

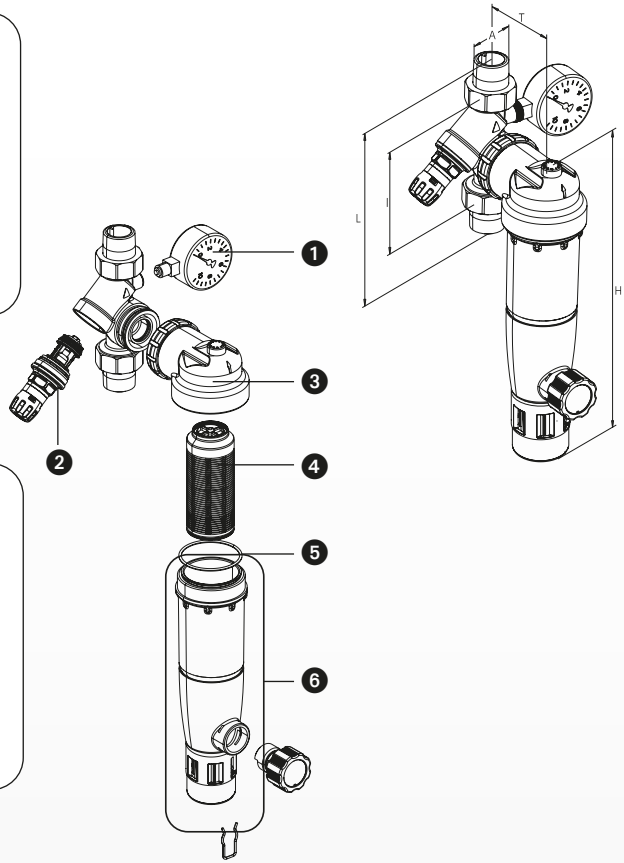
Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	30 °C
Fluid	potable water
Flow rate DFR	
DN 20 (R ¾)	2.3 m³/h at Δp 1.1 bar
DN 20 (R 1)	2.3 m³/h at Δp 1.1 bar
Flow rate FR	
DN 20	1.4 m³/h at Δp 0.2 bar
DN 25	2.3 m³/h at Δp 0.2 bar
DN 20	2.3 m³/h at Δp 0.5 bar
DN 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.
DUO DFR DN 20	2314.20.000
DN 25	2314.25.000
DUO FR DN 20	2314.20.001
DN 25	2314.25.001

Accessories	Order-No.
Assembly key for filter cup	2350.00.906
Spare parts	
Pressure gauge	2000.00.906
Valve body	2350.00.901
Filter cup	2350.00.904
Filter element	2350.00.903
Pressure reducing cartridge	0312.20.928
O-ring	2350.00.907

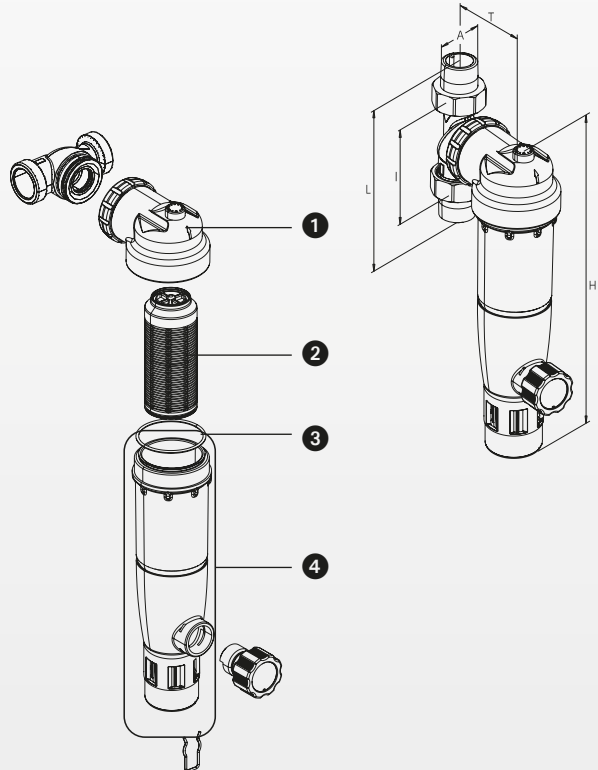
Dimensions (mm)	Nominal size DFR	
	DN 20	DN 25
A	R ¾	R 1
H	310	310
L	172	180
I	110	110
T	90	90

- 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

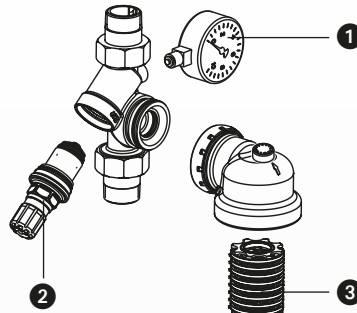
Min. operating pressure	2 bar
Max. operating pressure	16 bar
Max. operating temperature	80 °C
Fluid	potable water
Flow rate HOT DFR	
DN 20 (R ¾)	2.3 m³/h at Δp 1.1 bar
DN 20 (R 1)	2.3 m³/h at Δp 1.1 bar
Flow rate HOT FR	
DN 20	1.8 m³/h at Δp 0.2 bar
DN 25	2.3 m³/h at Δp 0.2 bar
DN 20	2.7 m³/h at Δp 0.5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

		Order-No.
DUO HOT DFR	DN 20	2314.20.004
	DN 25	2314.25.004
DUO HOT FR	DN 20	2314.20.005
	DN 25	2314.25.005

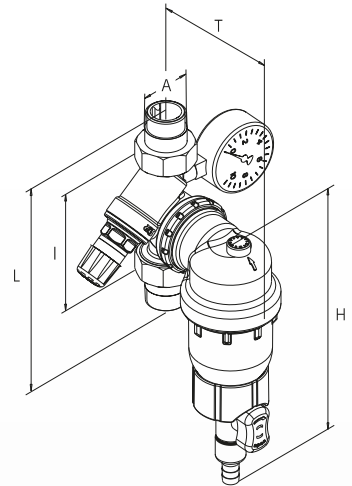
Accessories	Order-No.
Assembly key for filter cup	2314.00.904
Spare parts	
Pressure gauge	2314.00.907
Filter cup	2314.00.905
Filter element	2340.00.900
Pressure reducing cartridge	0315.20.910
O-ring	2314.00.903

DUO HOT DFR / FR 2314 Manual Backwash filter

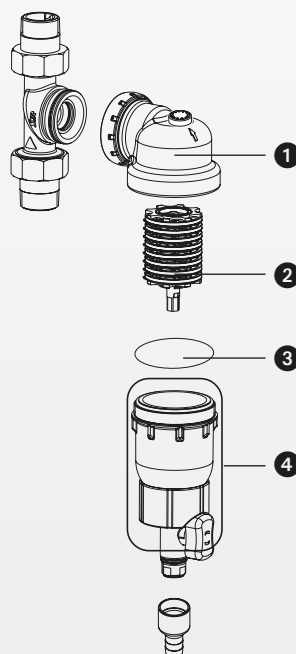
Dimensions (mm)	Nominal size HOT DFR	
	DN 20	DN 20
A	R ¾	R 1
H	229	229
L	172	180
I	95	95
T	120	120



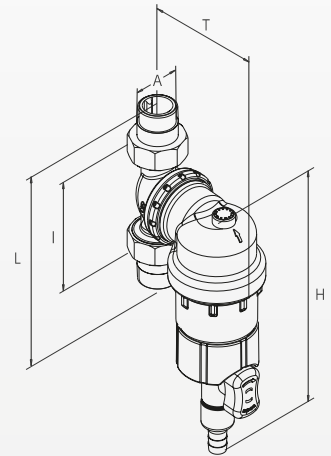
- 1 Pressure gauge
- 2 Pressure reducing cartridge
- 3 Filter element
- 4 O-ring
- 5 Filter cup



Dimensions (mm)	Nominal size HOT FR	
	DN 20	DN 25
A	R ¾	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 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

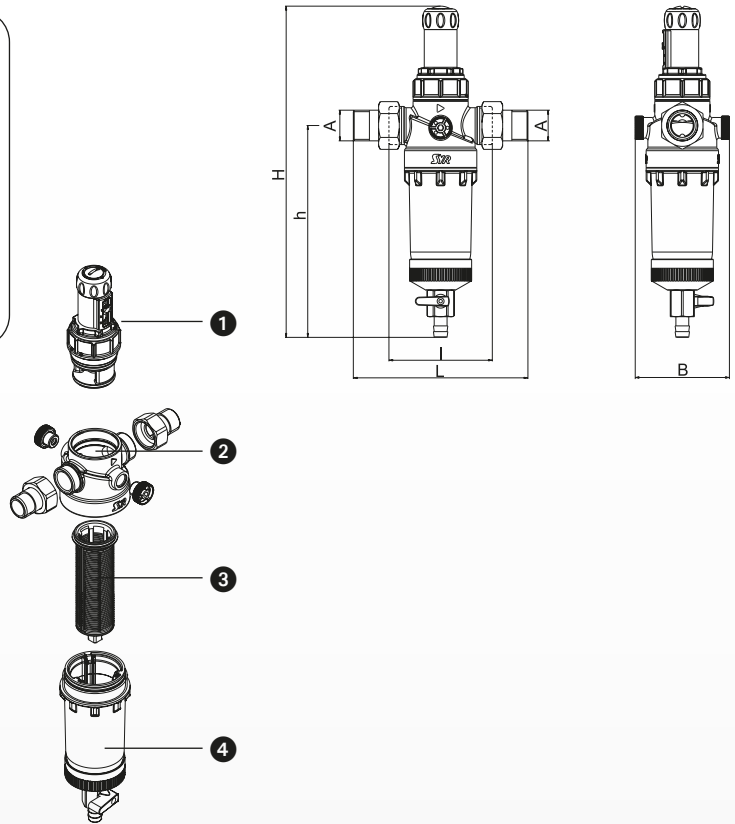
		Order-No.
Ratio DFR	DN 15	5315.15.004
	DN 20	5315.20.004
	DN 25	5315.25.004
Ratio FR	DN 15	5315.15.005
	DN 20	5315.20.005
	DN 25	5315.25.005

Accessories	Order-No.
Assembly key for filter cup	5315.00.902
Spare parts	
Plug	5315.00.901
Filter cup	5315.00.904
Filter element	5315.00.903
Pressure reducing cartridge	5315.00.900

Ratio DFR / FR 5315 Manual Backwash filter

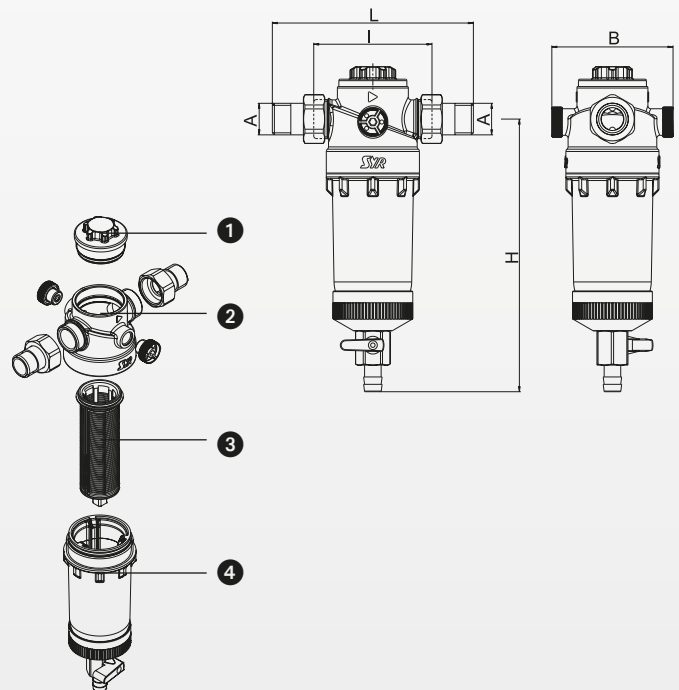
Dimensions (mm)	Nominal size DFR		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	288.5	288.5	288.5
h	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

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



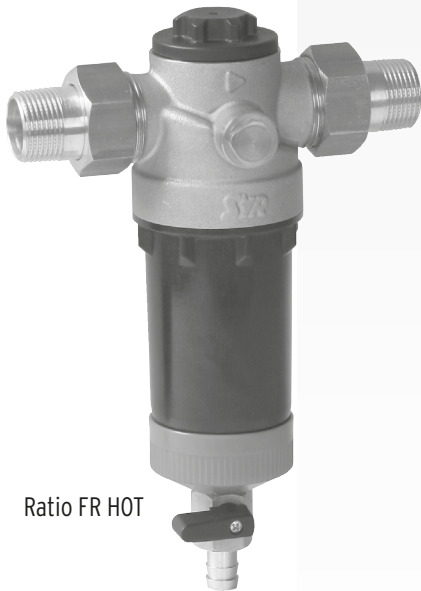
Dimensions (mm)	Nominal size FR		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 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.

Ratio DFR	DN 15	5315.15.002
	DN 20	5315.20.002
	DN 25	5315.25.002
Ratio FR	DN 15	5315.15.003
	DN 20	5315.20.003
	DN 25	5315.25.003

Accessories

Assembly key for filter cup	5315.00.902
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Spare parts

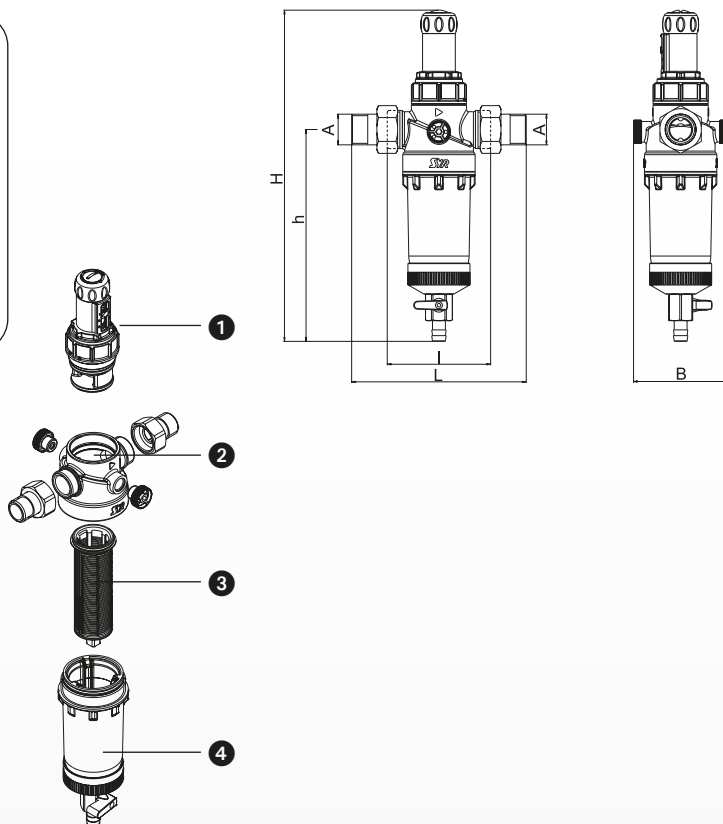
Plug	5315.00.901
Filter cup	5315.00.906
Filter element	5315.00.903
Pressure reducing cartridge	5315.00.905

Ratio DFR HOT / FR HOT 5315 Manual Backwash filter

2

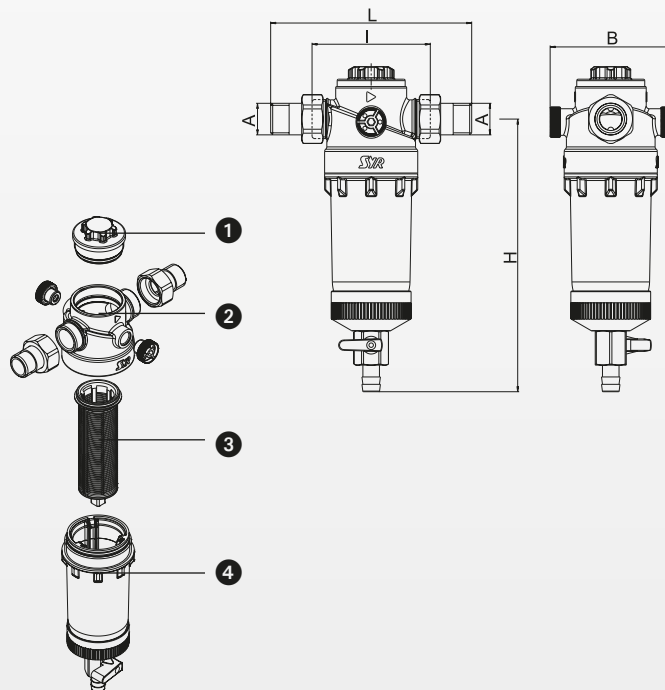
Dimensions (mm)	Nominal size DFR HOT		
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
H	288.5	288.5	288.5
h	184.5	184.5	184.5
L	136	152	170
I	80	90	100
B	82	82	82

- 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



Ratio Vario FR



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 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	any (by rotatable flange)
Mesh width	90 μm

	Order-No.
Ratio Vario DFR	5315.00.000
Ratio Vario FR	5315.00.001
Flange DN 15	5315.15.008
Flange DN 20	5315.20.008
Flange DN 25	5315.25.008

Accessories	Order-No.
Assembly key for filter cup	5315.00.902
Spare parts	
Plug	5315.00.901
Filter cup	5315.00.904
Filter element	5315.00.903
Pressure reducing cartridge	5315.00.900

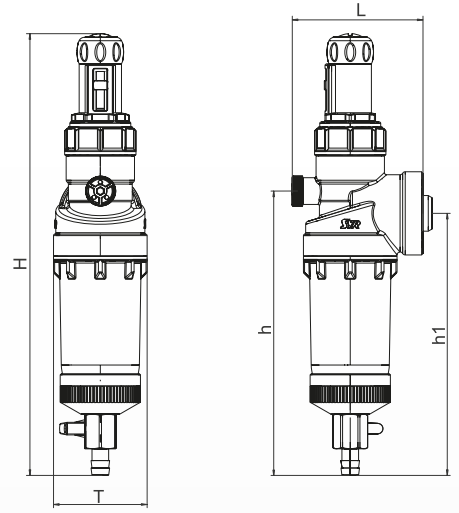
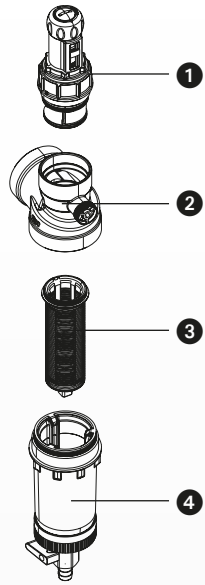
Ratio Vario DFR / Vario FR 5315 Manual Backwash filter

2

Dimensions Nominal size DFR (mm)

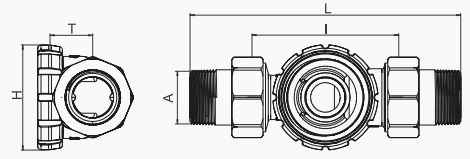
H	297
h	191
h1	176
L	88
T	63

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



Dimensions Nominal size (mm)

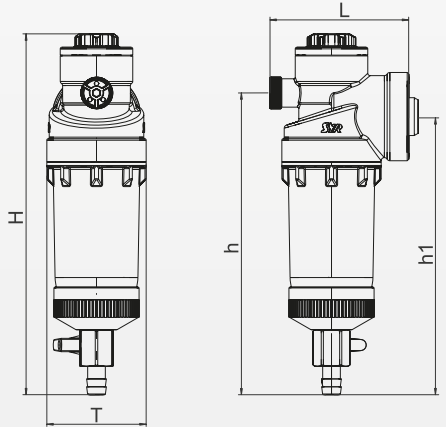
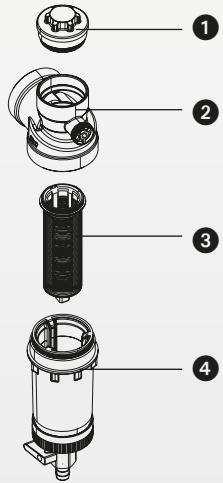
	DN 15	DN 20	DN 25
A	R 1/2"	R 3/4"	R 1"
L	160	157	165
I	95	95	95
H	64	64	64
T	23	23	23



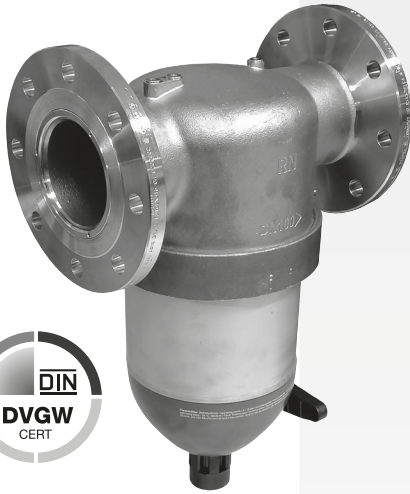
Dimensions Nominal size FR (mm)

H	230
h	191
h1	176
L	88
T	63

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



Filter technology



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 m ³ /h at Δp 0.2 bar
DN 80	55 m ³ /h at Δp 0.2 bar
DN 100	58 m ³ /h at Δp 0.2 bar
DN 65	70 m ³ /h at Δp 0.5 bar
DN 80	85 m ³ /h at Δp 0.5 bar
DN 100	92 m ³ /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 72) to a fully automatic device!

	Order-No.
Flange Filter DN 65	6380.65.010
Flange Filter DN 80	6380.80.010
Flange Filter DN 100	6380.100.010

Accessories	Order-No.
Pressure gauge	
0 - 10 bar	2000.00.906
0 - 25 bar	2000.00.907
Mini - ball valve	6600.00.904
Differential pressure switch	6380.00.901
RSA 2316	2316.00.200

Spare parts	Order-No.
Filter element, 125 μm	6380.00.910
Filter element, 240 μm	6380.00.911
O-ring filter cup	6380.00.907
Maintenance key	6380.00.912

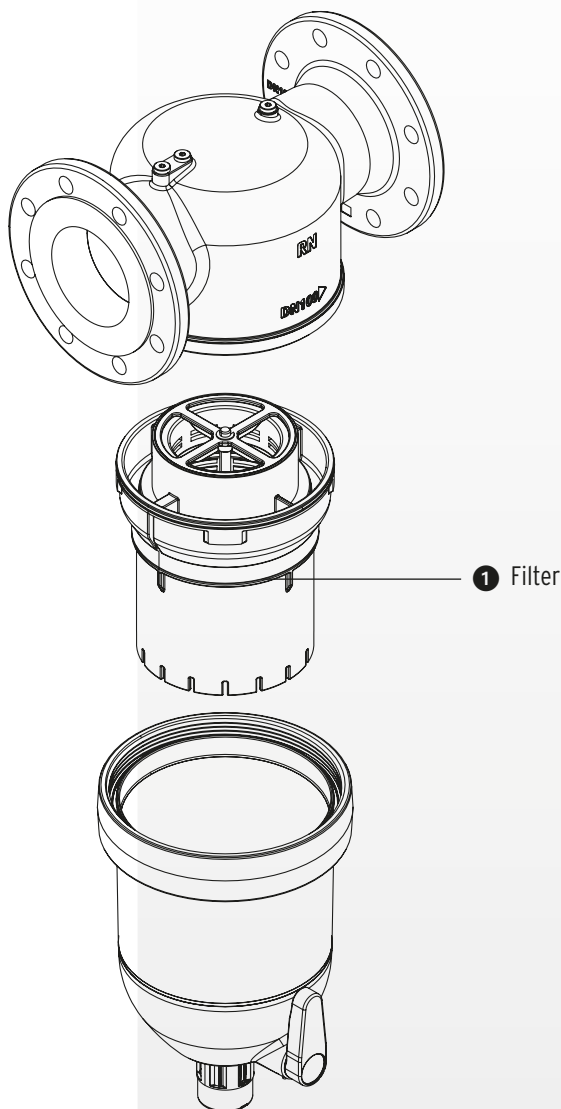
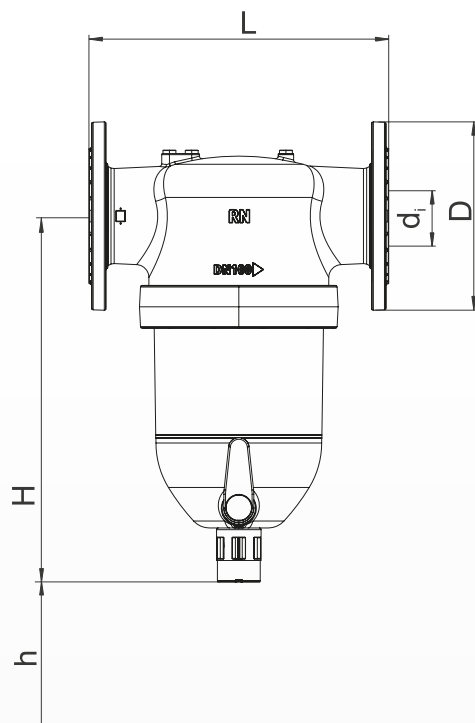


Differential pressure switch
(only in connection with automatic backwash system RSA)

- 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 $\frac{3}{8}$ " 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.
POU Smart with tap	7315.10.010
POU Smart w/o tap	7315.10.011

Spare parts	Order-No.
Cartridge POU Smart	7315.00.914

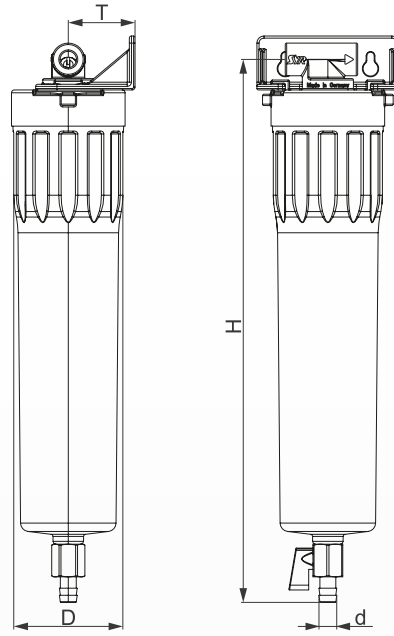
SYR Tips for Pro`s

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

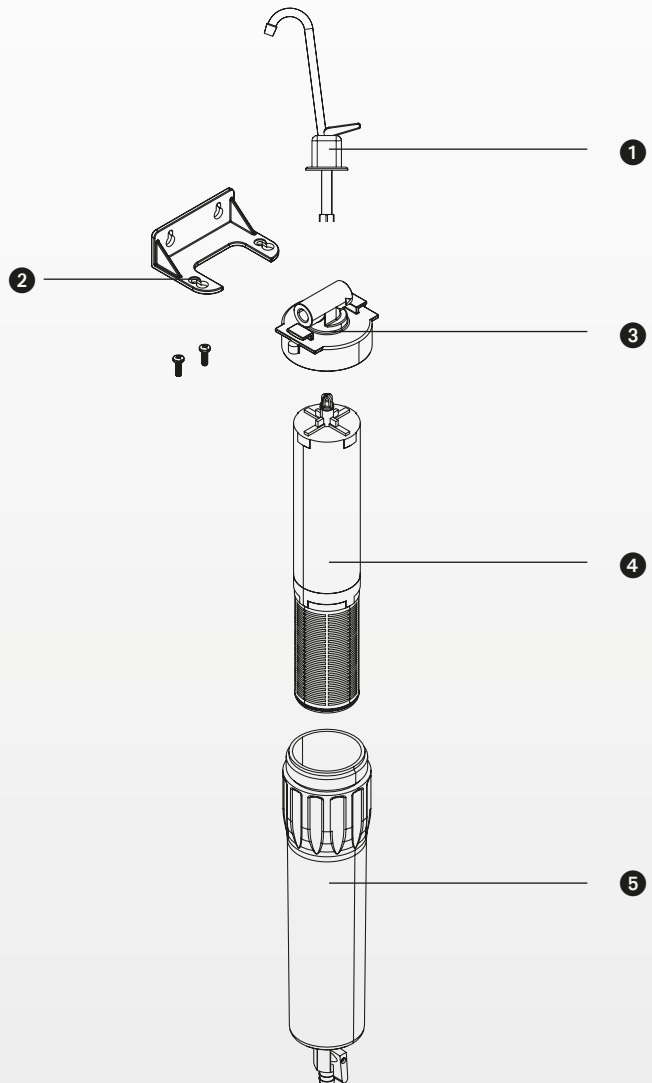
POU Smart 7315 Backwashable Compact Filter

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.
RSA 2316	2316.00.200

Accessories	Order-No.
Power pack (6 V)	2316.00.905

The automatic backwash system RSA 2316 fits the following filters:





Pressure regulation

3

Pressure Reducing Valve 315	74
Pressure Reducing Valve 315 AB	76
Pressure Reducing Valve 315.2	78
Pressure Reducing Valve 312 Compact	80
Gunmetal Flange Pressure Reducing Valve 6247	82
Pressure Reducing Valve 6243	84
Pressure Regulating Valve 6203	86

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

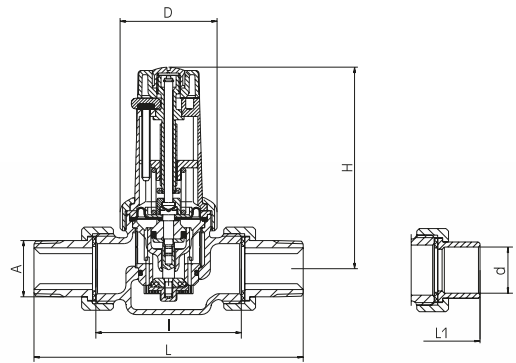
Max. operating pressure	25 bar
Max. operating temperature	30 °C
Outlet pressure	1.5 - 6 bar (factory setting: 4 bar)
Fluid	water, compressed air, neutral non-adhesive fluids, neutral gases
Mounting position	any
Flow rate	
DN 15	1.3 m³/h at Δp 1.1 bar
DN 20	2.3 m³/h at Δp 1.1 bar
DN 25	3.6 m³/h at Δp 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.
DN 15	0315.15.000
DN 20	0315.20.000
DN 25	0315.25.000
DN 32	0315.32.000
DN 40	0315.40.000
DN 50	0315.50.000

Accessories	Order-No.
Pressure gauge	0011.08.000
Spare parts	
Pressure reducing cartridge	
DN 15 + 20	0315.20.904
DN 25	0315.25.904
DN 32 - 50	0315.32.902
Unions	
DN 15	0812.15.900
DN 20	0812.20.900
DN 25	0812.25.900
DN 32	0812.32.900
DN 40	0812.40.900
DN 50	0812.50.900
Manometer plug	0828.08.000

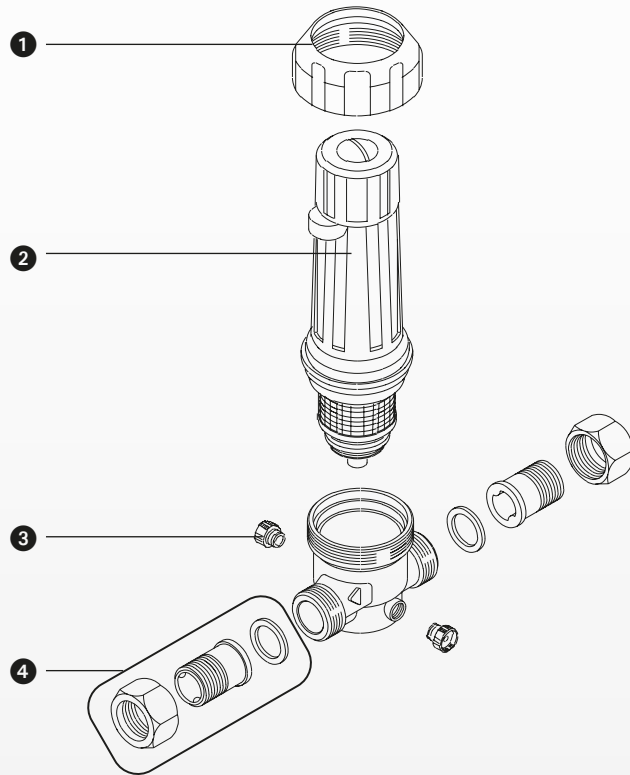
Pressure Reducing Valve 315

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

- ❶ Union nut
- ❷ Pressure reducing cartridge
- ❸ Manometer plug
- ❹ 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/I
DN 32	P-IX 7729/I

Pressure

Reducing Valve 315 AB	Order-No.
DN 15	0315.15.056
DN 20	0315.20.056
DN 25	0315.25.056
DN 32	0315.32.056
DN 40	0315.40.056
DN 50	0315.50.056

Accessories

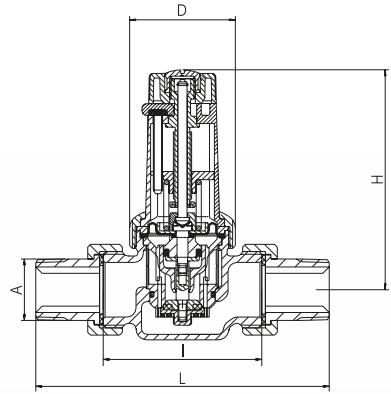
Accessories	Order-No.
Pressure gauge	0011.08.000

Spare parts

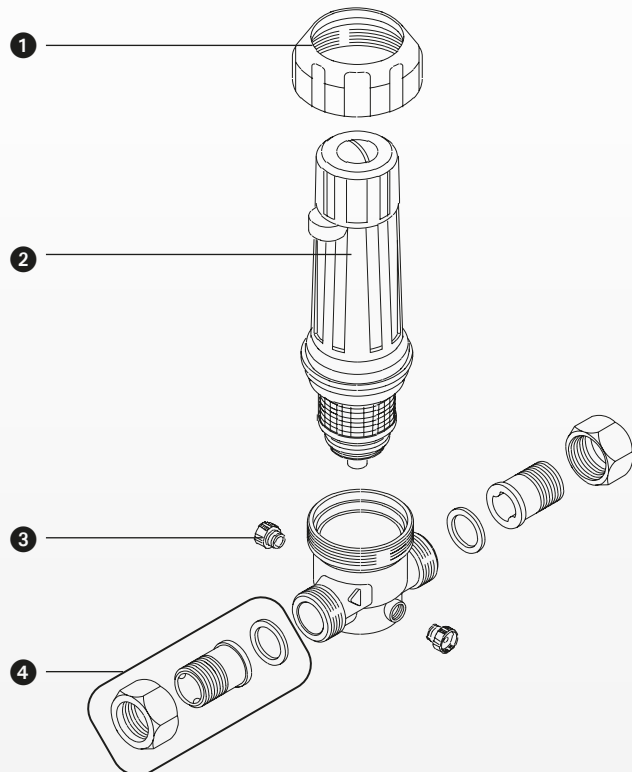
Spare parts	Order-No.
Pressure reducing cartridge	
DN 15 + 20	0315.20.904
DN 25	0315.25.904
DN 32 - 50	0315.32.902
Unions	
DN 15	0812.15.900
DN 20	0812.20.900
DN 25	0812.25.900
DN 32	0812.32.900
DN 40	0812.40.900
DN 50	0812.50.900
Manometer plug	0828.08.000

Pressure Reducing Valve 315 AB

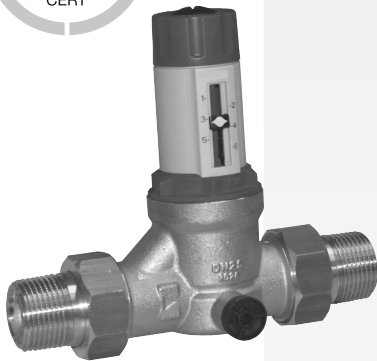
Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R ½	R ¾	R 1	R 1 ¼	R 1 ½	R 2
L	140	160	175	190	220	255
I	80	90	100	105	130	140
H	123	123	121	175	175	179
D	SW 55	SW 55	SW 55	SW 75	SW 75	SW 75



- 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

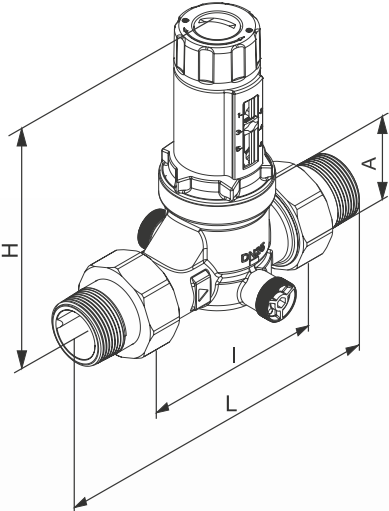
Pressure reducing valve 315.2 Order-No.

DN 15 union	0315.15.220
DN 20 union	0315.20.220
DN 25 union	0315.25.222
DN 32 union	0315.32.222
DN 40 union	0315.40.222
DN 50 union	0315.50.222

Spare parts Order-No.

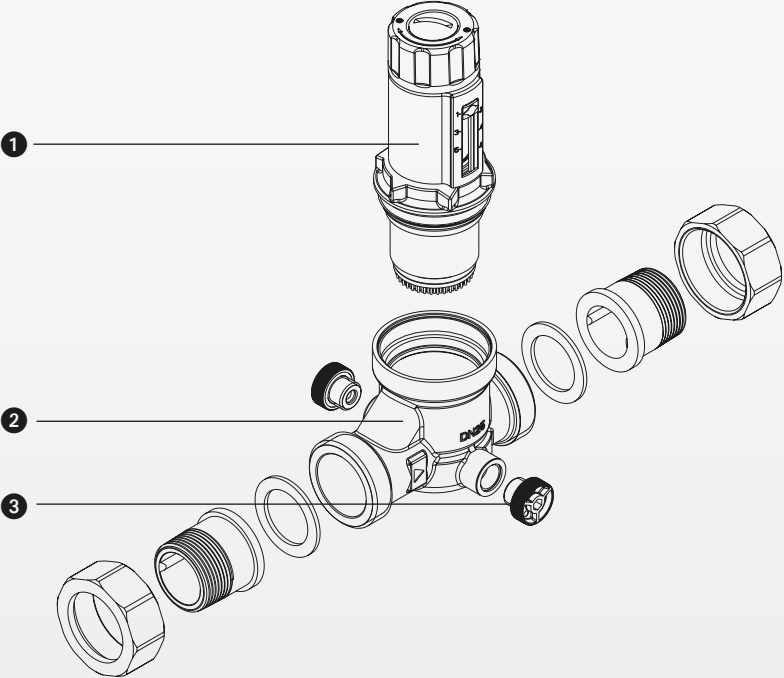
Pressure reducing cartridge	
DN 15	0315.15.936
DN 20	0315.20.966
DN 25	0315.25.924
DN 32 - 50	0315.32.924
Pressure gauge 11	0011.08.000

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

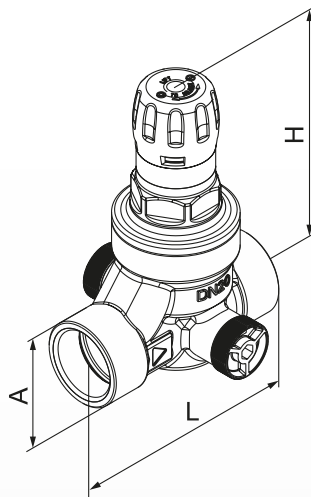
Pressure Reducing Valve

312 Compact	Order-No.
DN 15 female	0312.15.350
DN 20 female	0312.20.350
DN 25 female	0312.25.066

312 Compact, type C	Order-No.
15 mm compr. fitting	0312.15.351
22 mm compr. fitting	0312.20.351

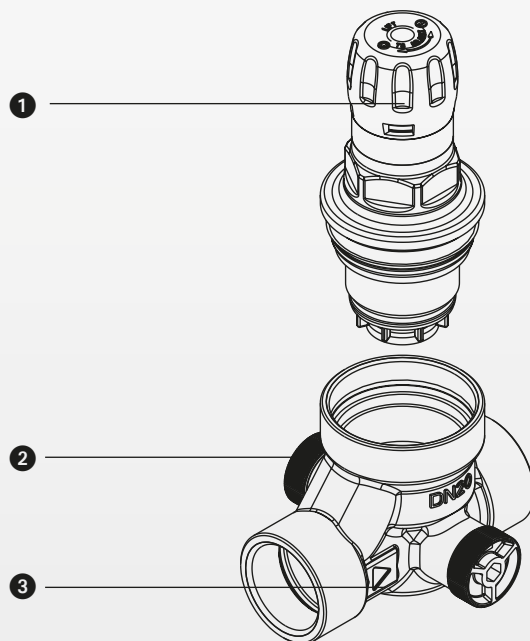
Spare parts	Order-No.
Pressure reducing cartridge	
DN 15 + 20	0312.15.990
Pressure gauge	0011.08.000

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

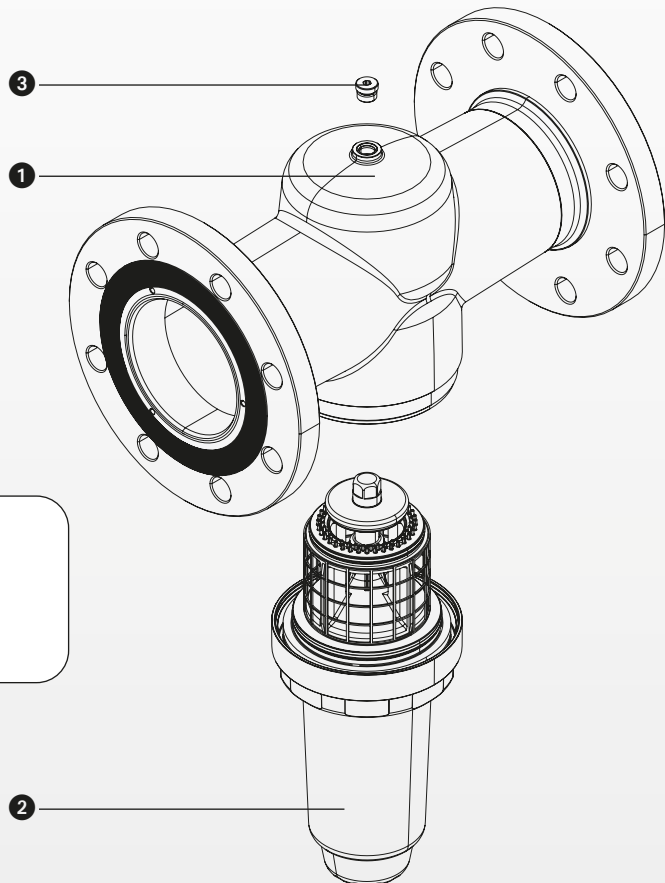
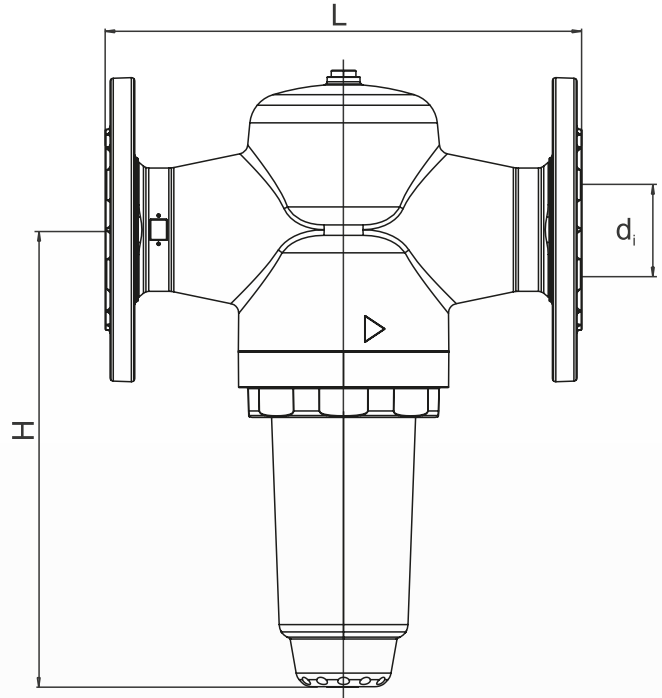
Flange-type

Pressure Reducing Valve	Order-No.
DN 65 (1.5 - 6 bar)	6247.65.000
DN 80 (1.5 - 6 bar)	6247.80.000
DN 100 (1.5 - 6 bar)	6247.100.000
Pressure Reducing Valve	Order-No.
DN 65 (5 - 10 bar)	6247.65.006
DN 80 (5 - 10 bar)	6247.80.006
DN 100 (5 - 10 bar)	6247.100.006

Accessories	Order-No.
Mini-ball valve	6600.00.912
Spare parts	
Pressure reducing cartridge	
DN 65 - 100	6247.50.903
Pressure gauge	
0 - 10 bar	2000.00.906

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	4	8	8



- ① Body
- ② Pressure reducing cartridge
- ③ Plug



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.

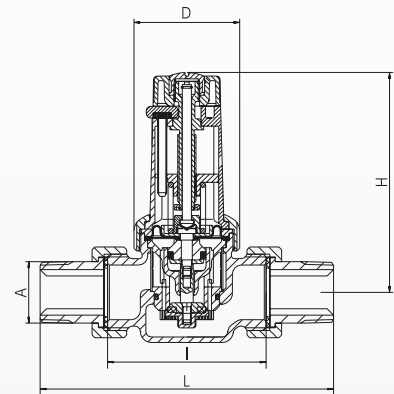
DN 15	Type 6243.1	6243.15.004
	Type 6243.2	6243.15.006
DN 20	Type 6243.1	6243.20.003
	Type 6243.2	6243.20.005
DN 25	Type 6243.1	6243.25.000
	Type 6243.2	6243.25.002
DN 32	Type 6243.1	6243.32.002
	Type 6243.2	6243.32.001
DN 40	Type 6243.1	6243.40.000
	Type 6243.2	6243.40.001
DN 50	Type 6243.1	6243.50.000
	Type 6243.2	6243.50.001

Pressure Reducing Valve 6243

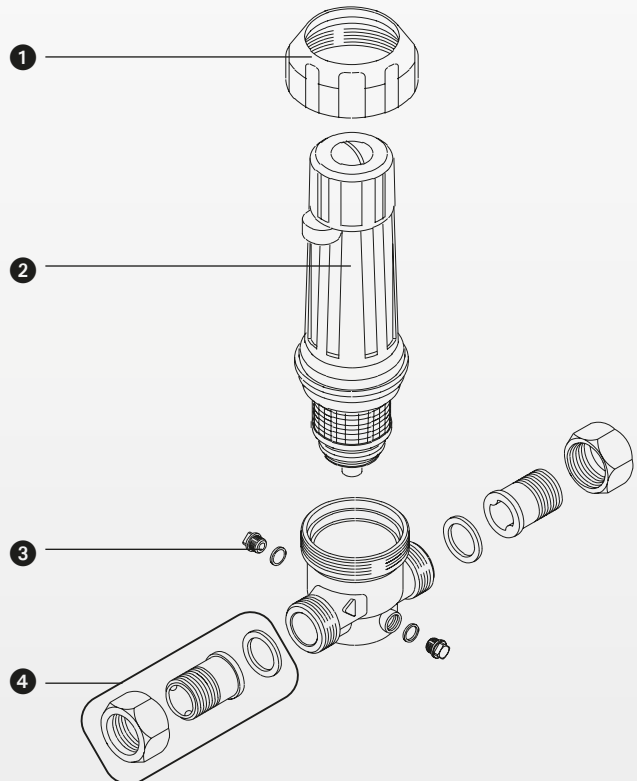
3

Spare parts	Order-No.
Pressure reducing cartridge 1.5 - 5 bar	
DN 15 + 20	6243.15.902
DN 25	6243.25.907
DN 32 - 50	6243.32.907
Pressure reducing cartridge 5 - 8 bar	
DN 15 + 20	6243.15.903
DN 25	6243.25.908
DN 32 - 50	6243.32.908
Unions	
DN 15	0812.15.900
DN 20	0812.20.900
DN 25	0812.25.900
DN 32	0812.32.900
DN 40	0812.40.900
DN 50	0812.50.900

Dimensions (mm)	Nominal size					
	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
A	R ½	R ¾	R 1	R 1¼	R 1½	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.

DN 15	Typ 6203.1	6203.15.003
	Typ 6203.2	6203.15.005
DN 20	Typ 6203.1	6203.20.007
	Typ 6203.2	6203.20.008
DN 25	Typ 6203.1	6203.25.010
	Typ 6203.2	6203.25.011
DN 32	Typ 6203.1	6203.32.000
	Typ 6203.2	6203.32.001

Spare parts

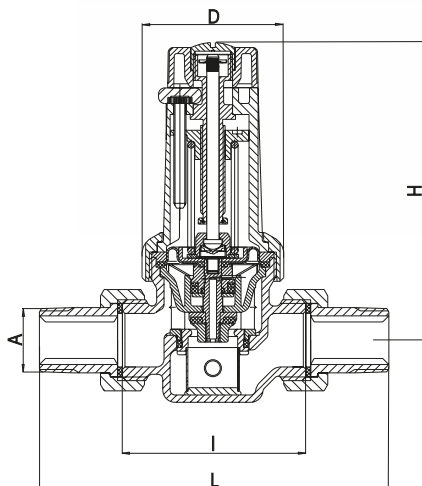
Order-No.

Pressure regulating cartridge 1.5 - 5 bar

DN 15 + 20	6203.15.903
DN 25	6203.25.903
DN 32 - 50	6203.32.903

Pressure regulating cartridge 5 - 8 bar

DN 15 + 20	6203.15.904
DN 25	6203.25.904
DN 32 - 50	6203.32.904



Dimensions

Dimensions (mm)	Nominal size			
	DN 15	DN 20	DN 25	DN 32
A	R ½	R ¾	R 1	R 1 ¼
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

Safety Disconnection Unit STS 5	88
Backflow Preventer BA 6610 In-line LF	90
Flange Backflow Preventer BA 6600	92
Backflow Preventer BA Mini 6625	94
Backflow Preventer BA 6600 ST	96
Backflow Preventer STBA 100	98
Backflow Preventer CA 6800	100
Vacuum Breaker 65	102

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

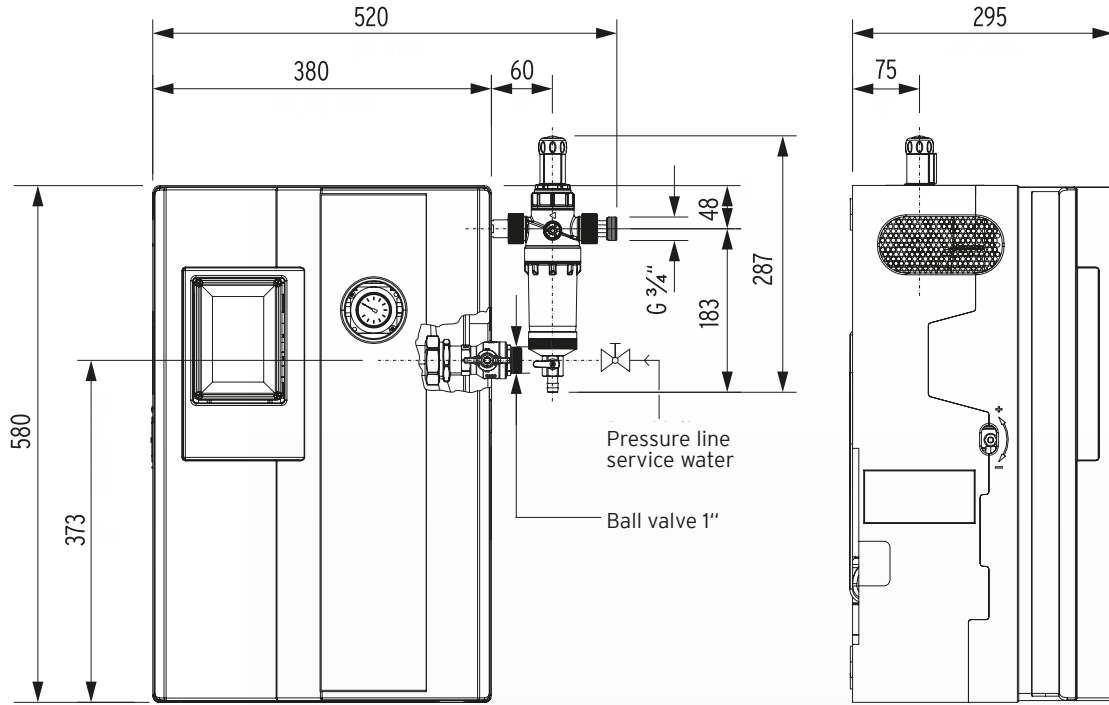
Order-No.

Safety Disconnection Unit STS 5 6500.00.002

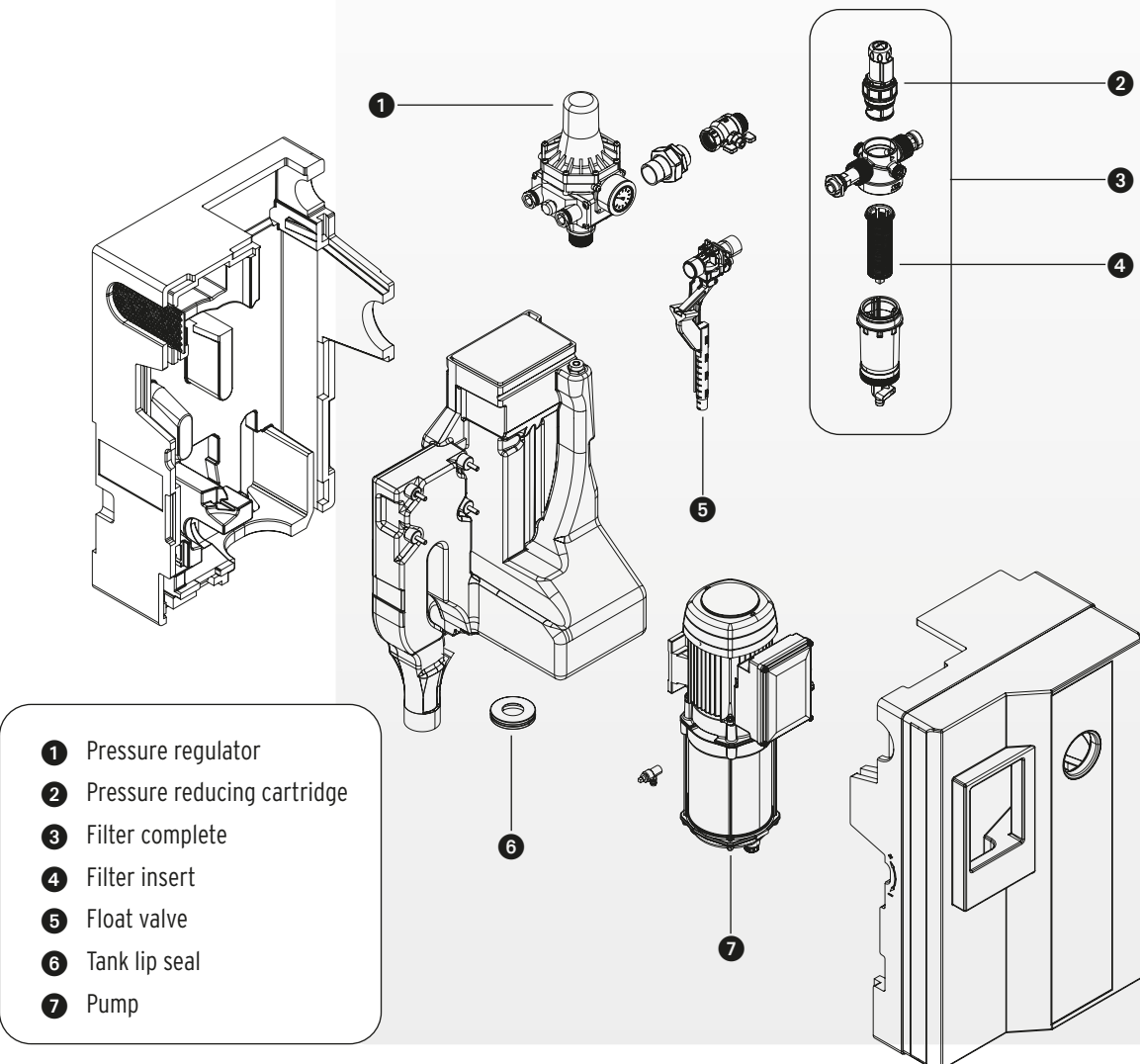
Spare parts

Spare parts	Order-No.
Pump	6500.00.901
Pressure regulator up to 2022	6500.00.903
Pressure regulator from 2023	6500.00.908
Float valve ¾"	6500.00.904
Condenser	6500.00.905
Tank lip seal	6500.00.906
DFR filter	5315.15.004
Filter insert	5315.00.903
Pressure reducing cartridge	5315.00.900
Assembly key	5315.00.902

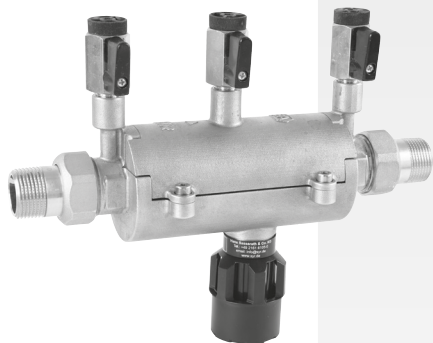
Safety Disconnection Unit STS 5



Dimensions [mm]



4



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

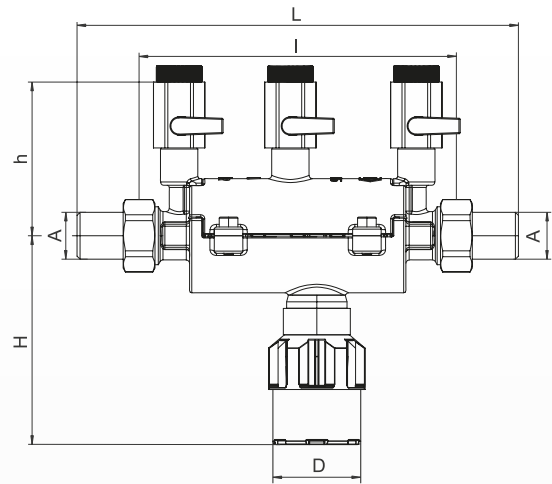
BA 6610 In-line LF	Order-No.
DN 15	6610.15.000
DN 20	6610.20.000
DN 25	6610.25.000
DN 32	6610.32.000
DN 40	6610.40.000
DN 50	6610.50.000

Accessories	Order-No.
Differential pressure measuring set, digital	6600.00.000

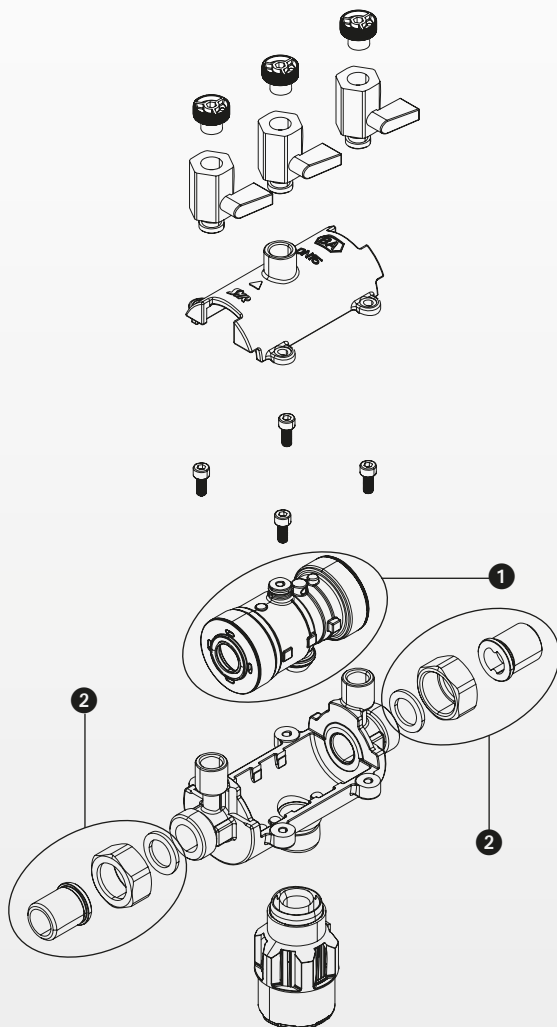
Spare parts	Order-No.
Cartridge	
DN 15	6610.00.900
DN 20 - 25	6610.00.901
DN 32 - 50	6610.00.902
Mini-ball valve	6600.00.912
Manometer plug	0828.08.000

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

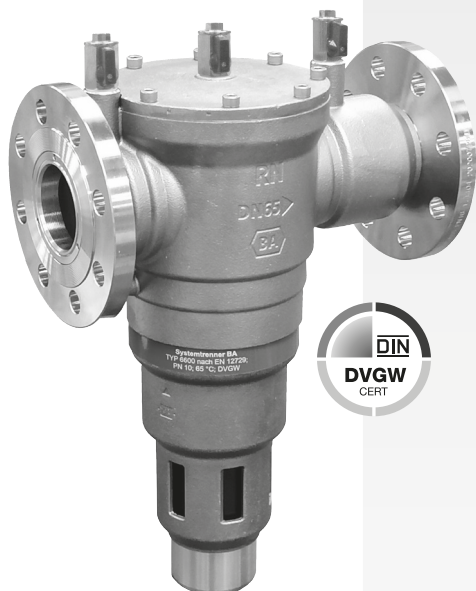


- 1 Cartridge
- 2 Connection fitting

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

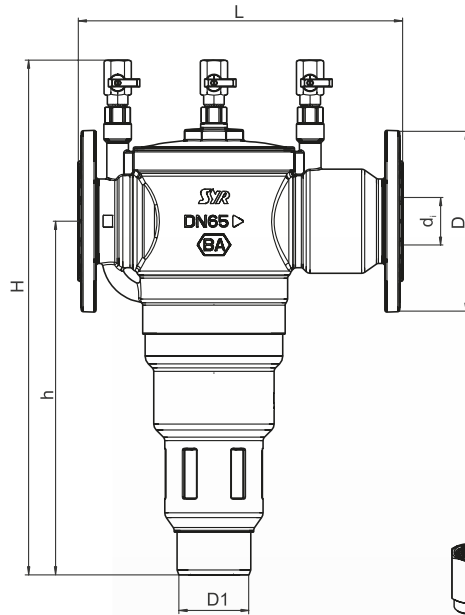
Flange Backflow Preventer BA Order-No.

DN 65	6600.65.000
DN 80	6600.80.000
DN 100	6600.100.000

Spare parts Order-No.

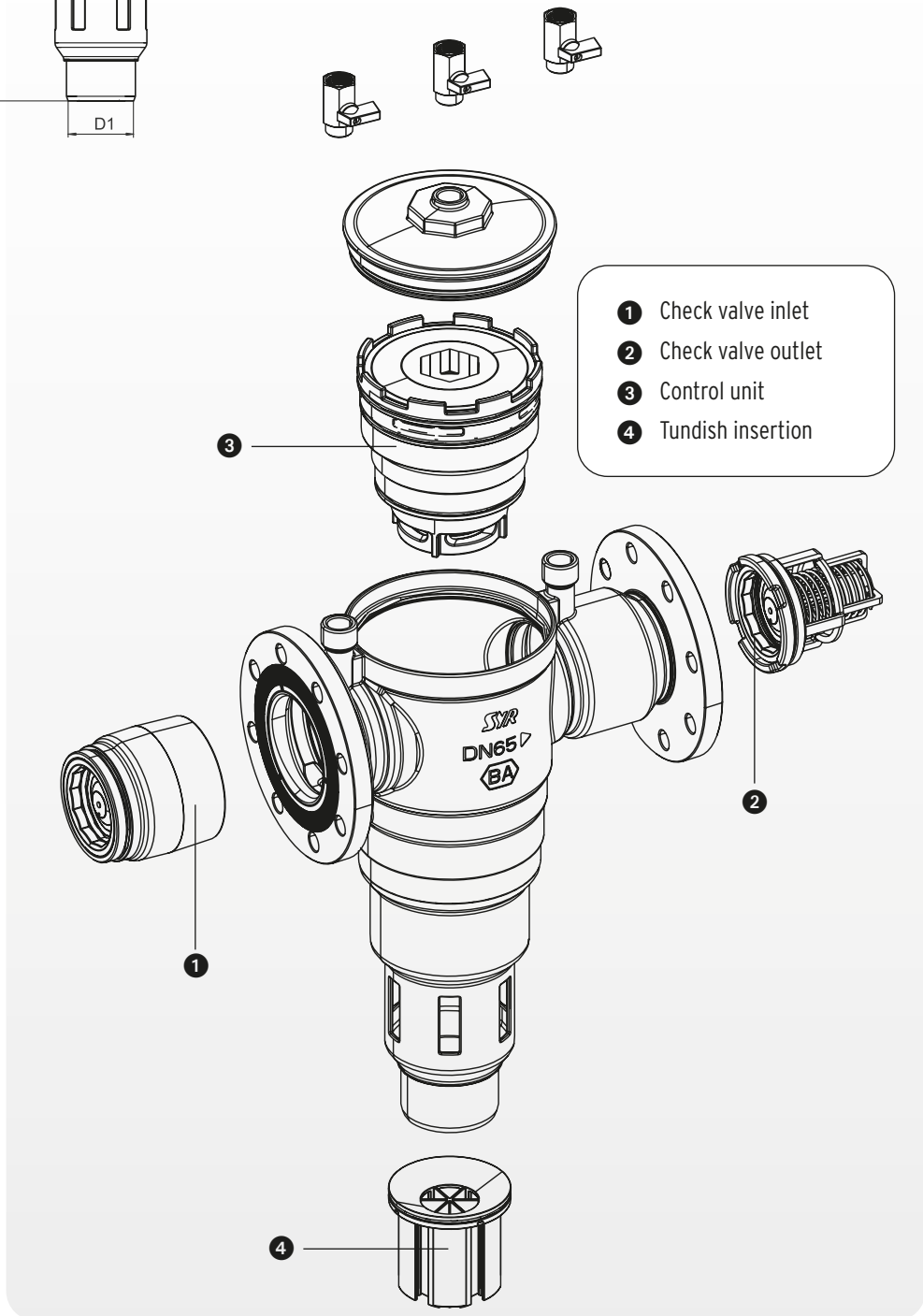
Check valve inlet	DN 65	6600.65.900
	DN 80	6600.80.900
	DN 100	6600.100.900
Check valve outlet	DN 65	6600.65.901
	DN 80	6600.80.901
	DN 100	6600.100.901

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.
DN 15	6625.15.018
DN 20	6625.15.019

- 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

Differential pressure
measuring set, digital

Order-No.

6600.00.000

Spare parts

Exchange backflow preventer

6625.15.900

Ball valves DN 6 (3 pcs.)

6625.15.902

Backflow preventer complete
with adaptor and O-rings

6625.15.903

Unions

DN 15 (R 1/2")

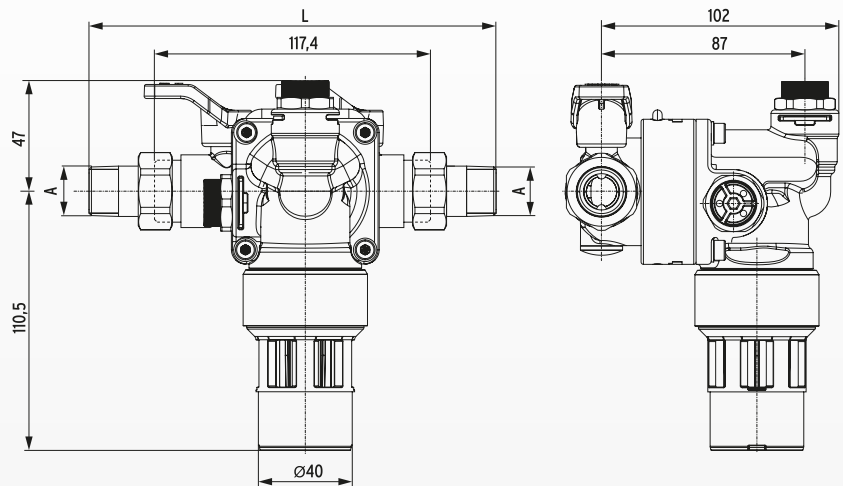
0812.15.900

DN 20 (R 3/4")

0816.20.900

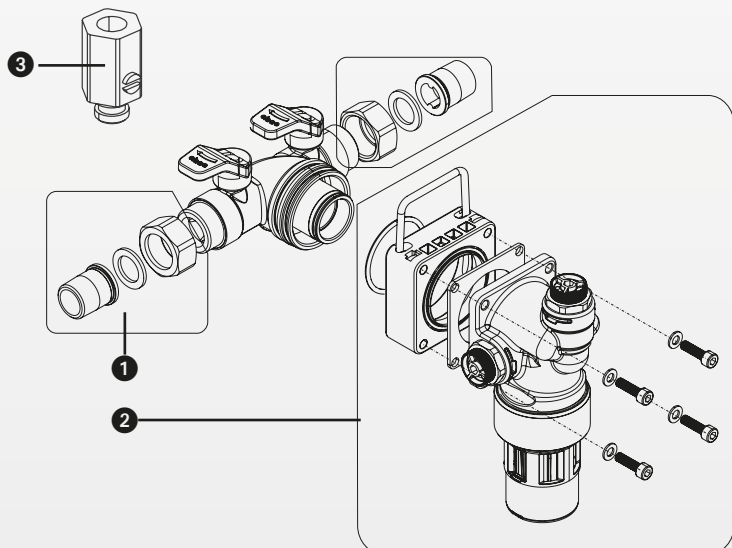
Dimensions (mm) Nominal Size (DN)

	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





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.

DN 15 (G ¾")	6600.15.015
DN 15 (G 1")	6600.15.016

- 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

Accessories Order-No.

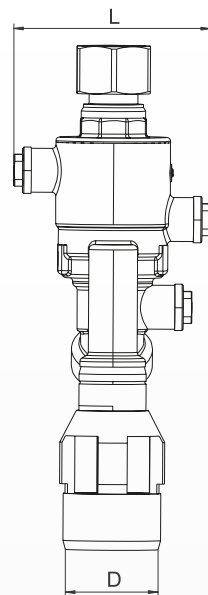
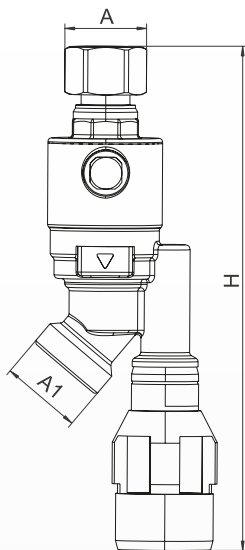
Differential pressure measuring set, digital	6600.00.000
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Spare parts

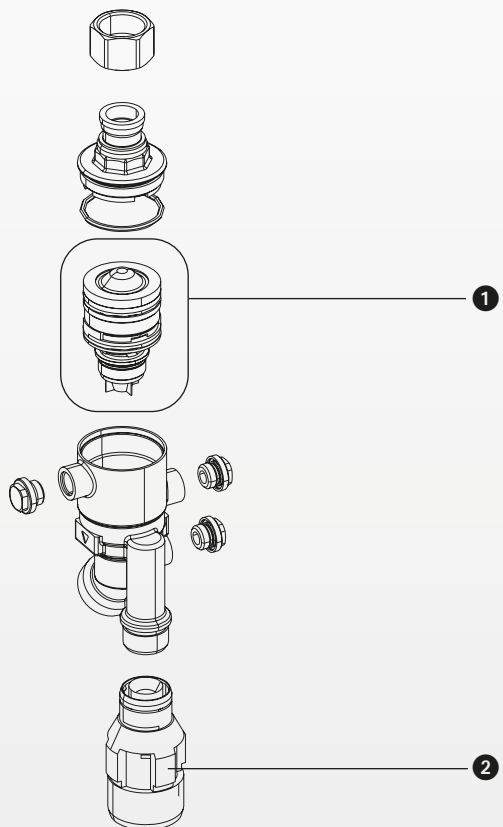
Backflow preventer cartridge	6600.00.917
Tundish	6600.00.903
Locking clamp	
DN 15 (G ¾")	6600.00.972
DN 15 (G 1")	6600.00.965
Test screw fitting	6600.00.973

Backflow Preventer BA 660 ST

Dimensions (mm)	Nominal size	
	DN 15	DN 15
A	G 3/4	G 1
A1	G1	G1
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

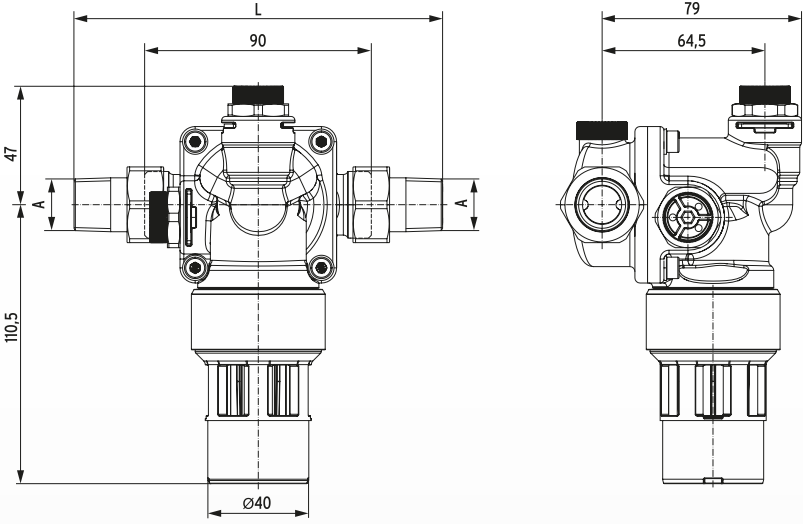
The STBA 100 is the first backflow preventer that can be mounted in a vertical position, as the flange system allows the vertical installation of the main axis.

Backflow Preventer STBA 100	Order-No.
DN 15 (R ½)	6625.15.000
DN 15 (R ¾)	6625.15.001

Accessories	Order-No.
Differential pressure measuring set, digital	6600.00.000
Spare parts	
Backflow preventer cartridge	6625.15.900
Test valves (3 units)	6625.15.902

Backflow Preventer STBA 100

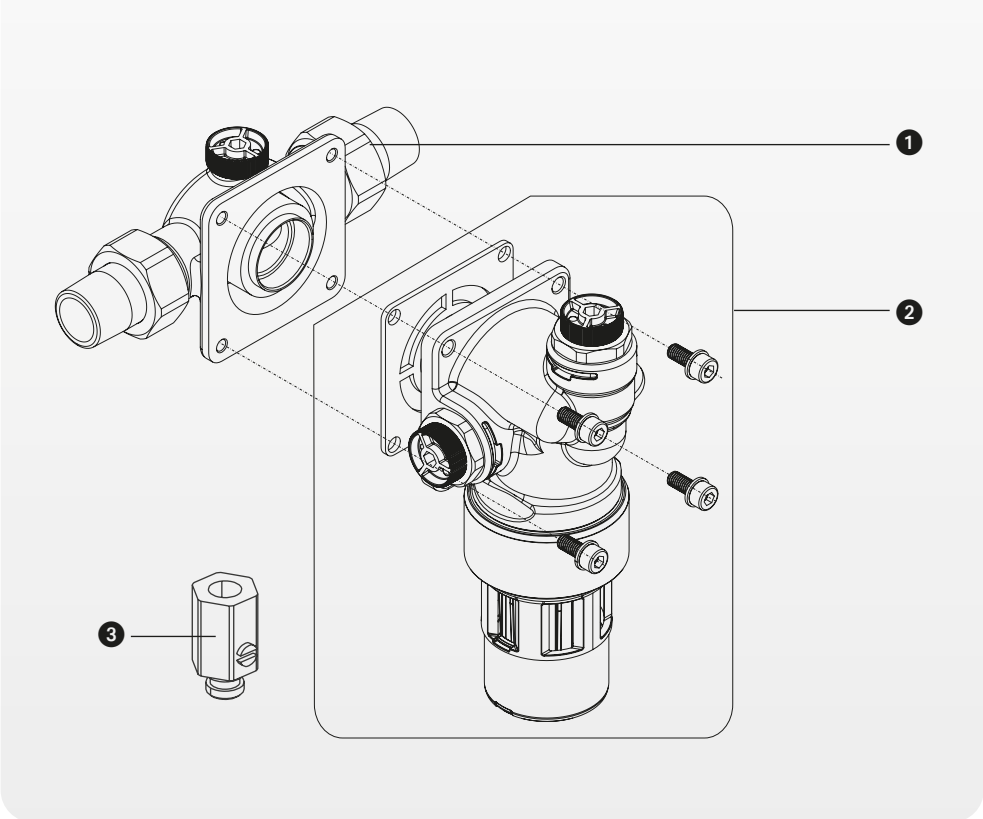
Dimensions (mm)	Nominal size DN 15	
	R 1/2	R 3/4
A		
L	146	164



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

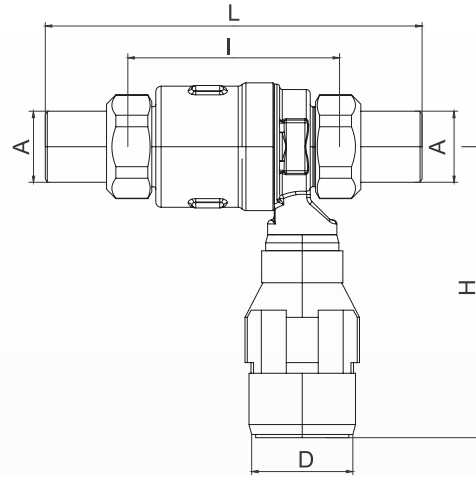
Min. operating pressure	2 bar
Max. operating pressure	10 bar
Max. operating temperature	65 °C
Fluid	potable water
Flow rate	
DN 15	2.0 m ³ /h at Δp 1.7 bar
DN 20	3.2 m ³ /h at Δp 1.7 bar
ABP-No.	
DN 15	P-IX 7998/I
DN 20	P-IX 7587/II

Backflow Preventer CA 6800	Order-No.
DN 15	6800.15.000
DN 20	6800.20.000

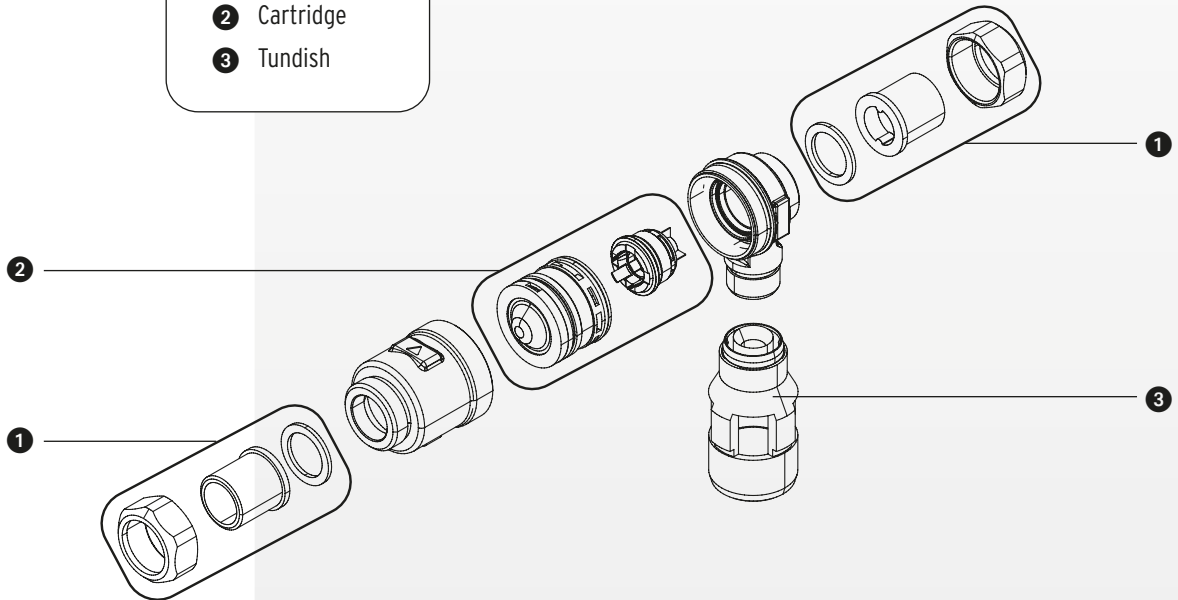
Accessories	Order-No.
Maintenance key for the cartridge exchange	6600.00.971

Spare parts	Order-No.
Cartridge	6800.00.903
Tundish	6800.00.901

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

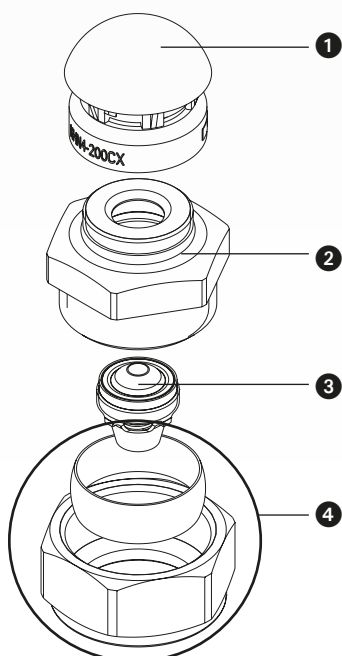
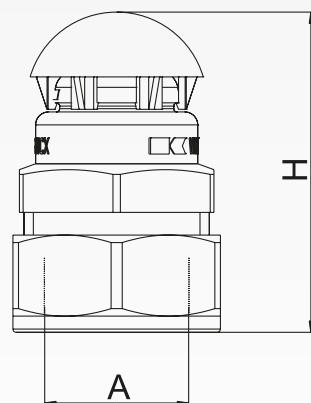
Vacuum breaker 65

15 mm
22 mm

Order-No.

0065.15.002
0065.20.003

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	104
Safety Center 4807, DN 20	106
Anti Legionella Valve 7500	108
Safety Groups SYRobloc Plus 24 / 25 insulation	110
Safety Groups SYRobloc Plus 24 / 25	112
Safety Groups SYRobloc 24	114
Safety Groups SYRobloc 25	116
Accessories / Spare parts 24 / 25	118
Dimensioning	119
Safety Assemblies 322, 323, 324	120
Safety Group 34	122
Safety Group 0330	123
Multibloc 2312	124
Inlet Control Group 2312	125
Diaphragm Pressure Relief Valve 2115	126
Pressure Relief Valve 2117	128
P&T Valve 2303	129
Drain Cock 6705	130



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.
8-litre-vessel	4807.15.000

Accessories	Order-No.
Ring spanner	4807.00.906
Pressure gauge with angle connection	4807.00.900

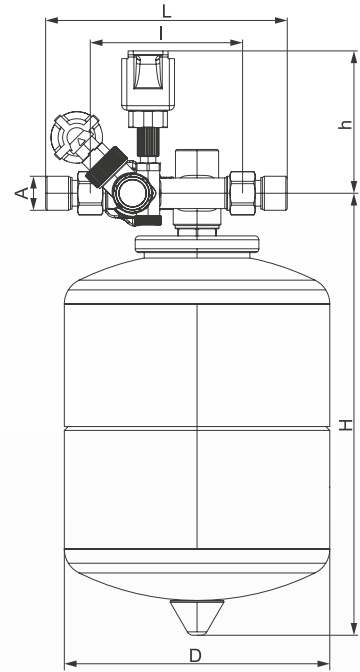
Spare parts	Order-No.
Gas pressure tester	4807.00.905
Double isolating valve	0024.15.913
Tundish	0214.00.902
Stainless steel seat	4807.00.907

Pressure relief valve	Order-No.
for the replacement of the complete pressure relief valve	
6 bar	2115.20.015
8 bar	2115.20.016
10 bar	2115.20.017
Diaphragm expansion vessel	
8 litre	4807.00.925
Exchangeable head part	
6 bar	2116.20.060
8 bar	2116.20.061
10 bar	2116.20.062



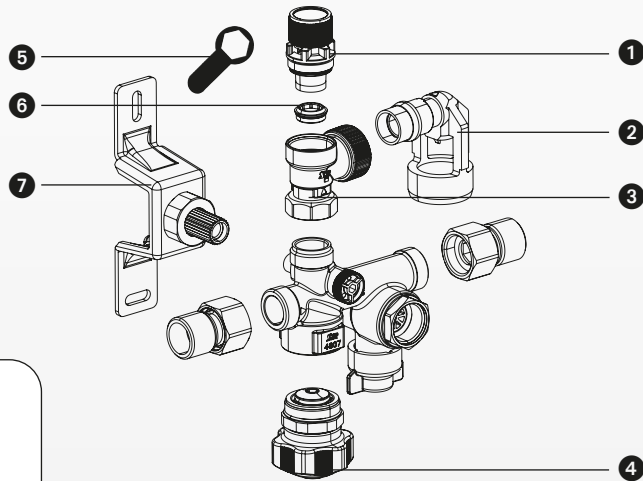
Pressure gauge with angle connection

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

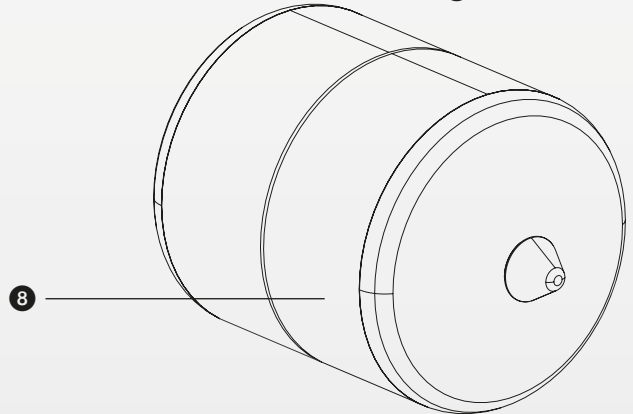


Dimensions Safety Center 4807			
Nominal volume diaphragm expansion vessel	8 litre		
Setting pressure diaphragm pressure relief valve	6 bar	8 bar	10 bar
Max. water heater	100l	120l	150l

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.
12-litre-vessel	4807.20.000
18-litre-vessel	4807.20.001

Accessories

	Order-No.
Ring spanner	4807.00.906
Pressure gauge with angle connection	4807.00.900

Spare parts

Tundish with system check	4807.00.922
Gas pressure tester	4807.00.905
Double isolating valve	0024.15.912
Check valve	4807.00.902
Plug	4807.00.908
Maintenance cap	4807.00.904

Pressure relief valve

for the replacement of the complete pressure relief valve

6 bar	2115.20.015
8 bar	2115.20.016
10 bar	2115.20.017

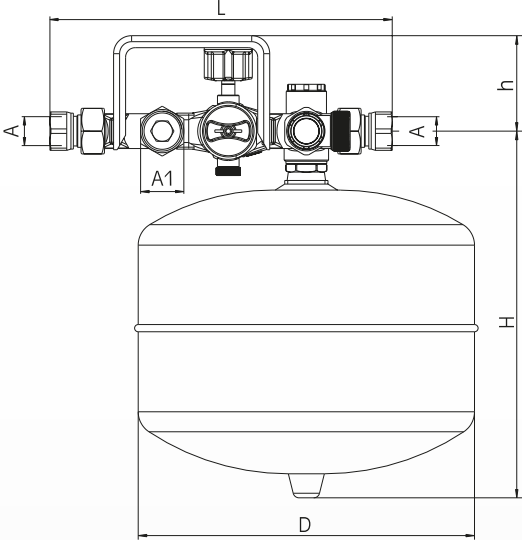
Diaphragm expansion vessel

12 litre	4807.00.923
18 litre	4807.00.924

Exchangeable head part

6 bar	2116.20.060
8 bar	2116.20.061
10 bar	2116.20.062

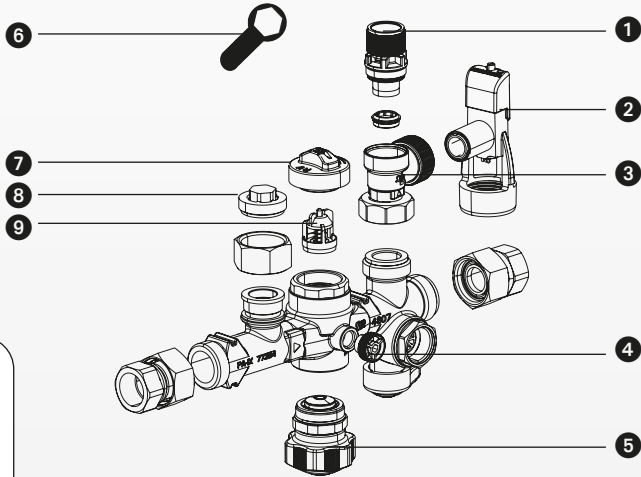
Dimensions (mm)	Nominal size DN 20
A	R 3/4"
A1	R 1
L	285
h	80 - 90
H	305 (12l MAG) 385 (18l MAG)
D	280



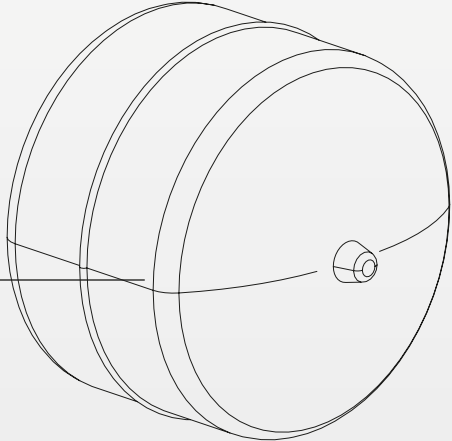
Dimensions Safety Center 4807

Nominal volume diaphragm expansion vessel	12 litre			18 litre		
	Setting pressure diaphragm pressure relief valve	6 bar	8 bar	10 bar	6 bar	8bar
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

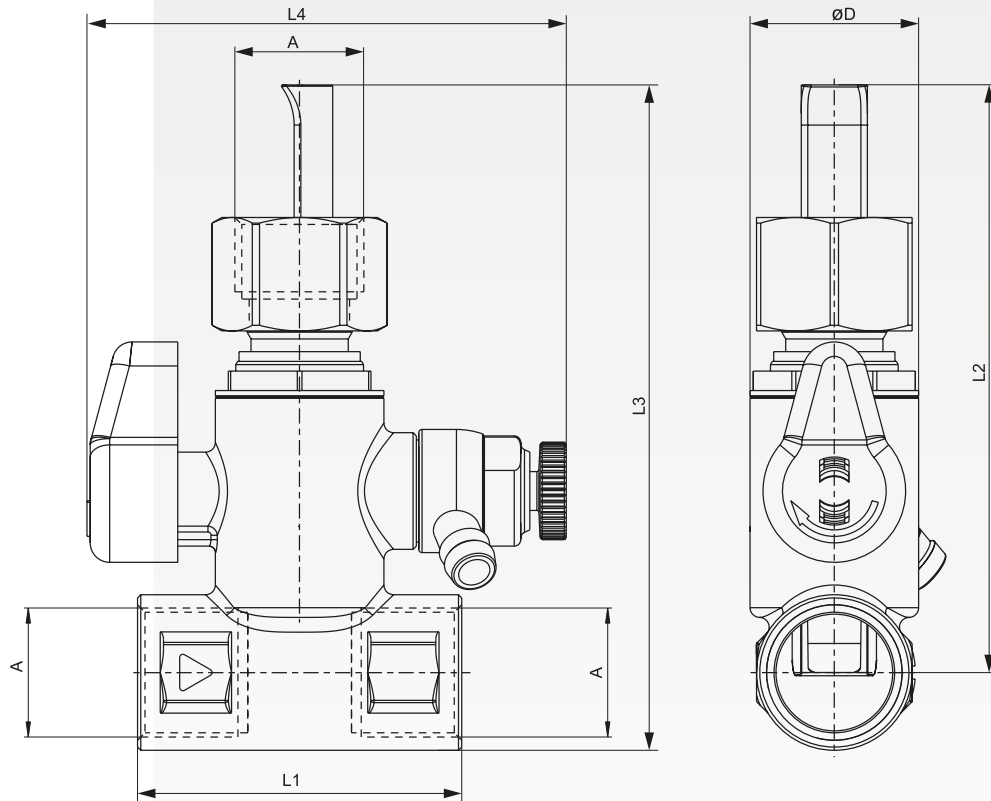
The Anti Legionella Valve 7500 is designed for the protection of unvented (pressurized) potable water heaters and for the connection with an diaphragm expansion vessel. It complies with German standards (DIN 1988, DIN 4753, part 1, DIN 4807 part 5) and the European standard EN 1488. The valve fulfils 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.
DN 15	7500.15.110
DN 20	7500.20.110
DN 25	7500.25.110
DN 32	7500.32.110

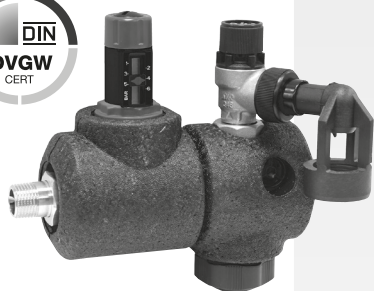
Anti-Legionella valve 7500



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

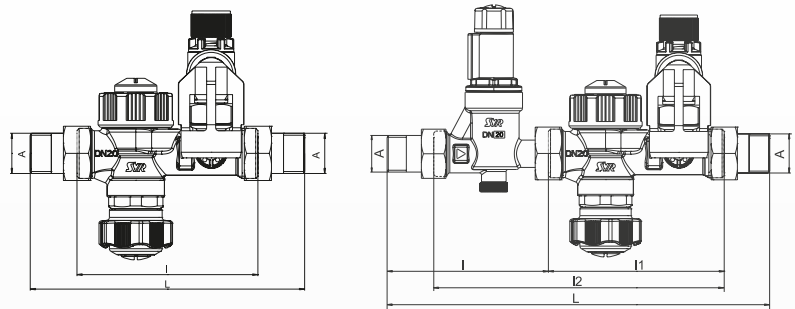
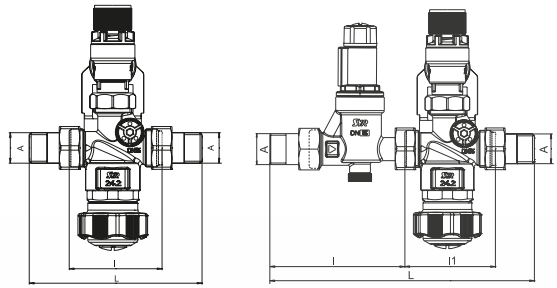
Order-No.

SYRobloc Plus 24.2, DN 15	
6 bar	0024.15.050
8 bar	0024.15.051
10 bar	0024.15.052
SYRobloc Plus 24.2, DN 20	
6 bar	0024.20.050
8 bar	0024.20.051
10 bar	0024.20.052
SYRobloc Plus 25.2, DN 15	
6 bar	0025.15.050
8 bar	0025.15.051
10 bar	0025.15.052
SYRobloc Plus 25.2, DN 20	
6 bar	0025.20.050
8 bar	0025.20.051
10 bar	0025.20.052

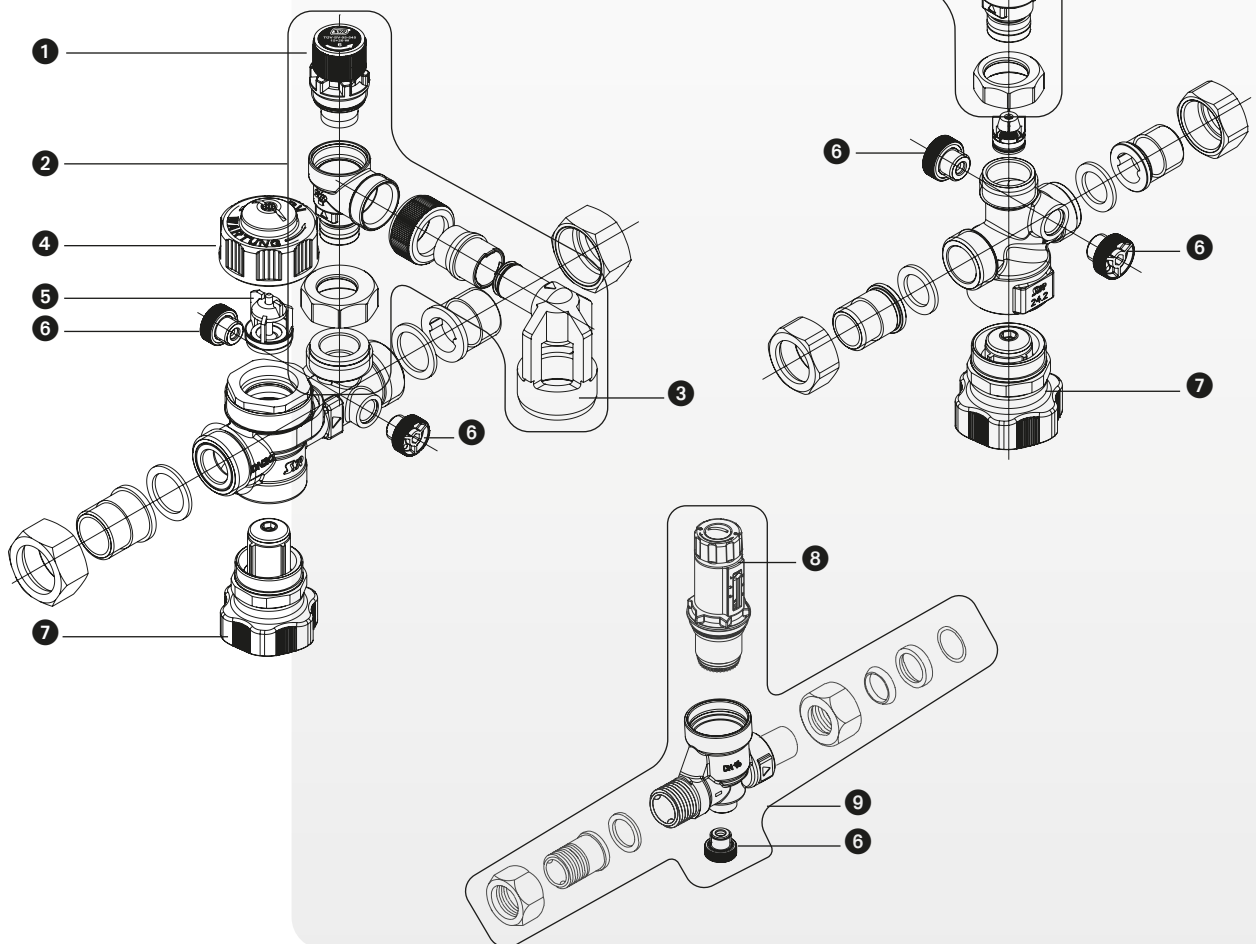
Spare parts

Tundish		0214.00.902
Exchangeable pressure relief valve	6 bar	2115.20.015
	8 bar	2115.20.016
	10 bar	2115.20.017
Screw cap		4807.00.917
Check valve	DN 20	4807.00.916
Manometer plug		0828.08.000
Isolation valve		0024.15.913
PRV-Cartridge		0315.15.931
Pressure reducing valve complete	DN 15	0315.15.932
	DN 20	0315.20.963

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



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

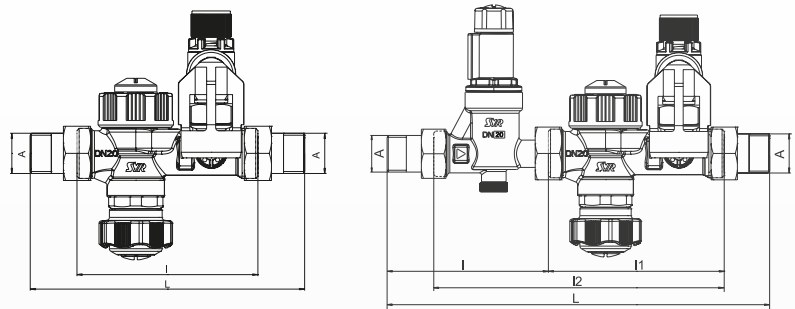
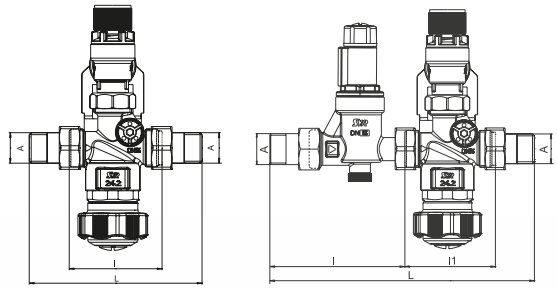
Order-No.

SYRobloc Plus 24.2, DN 15	
6 bar	0024.15.060
8 bar	0024.15.061
10 bar	0024.15.062
SYRobloc Plus 24.2, DN 20	
6 bar	0024.20.060
8 bar	0024.20.061
10 bar	0024.20.062
SYRobloc Plus 25.2, DN 15	
6 bar	0025.15.060
8 bar	0025.15.061
10 bar	0025.15.062
SYRobloc Plus 25.2, DN 20	
6 bar	0025.20.060
8 bar	0025.20.061
10 bar	0025.20.062

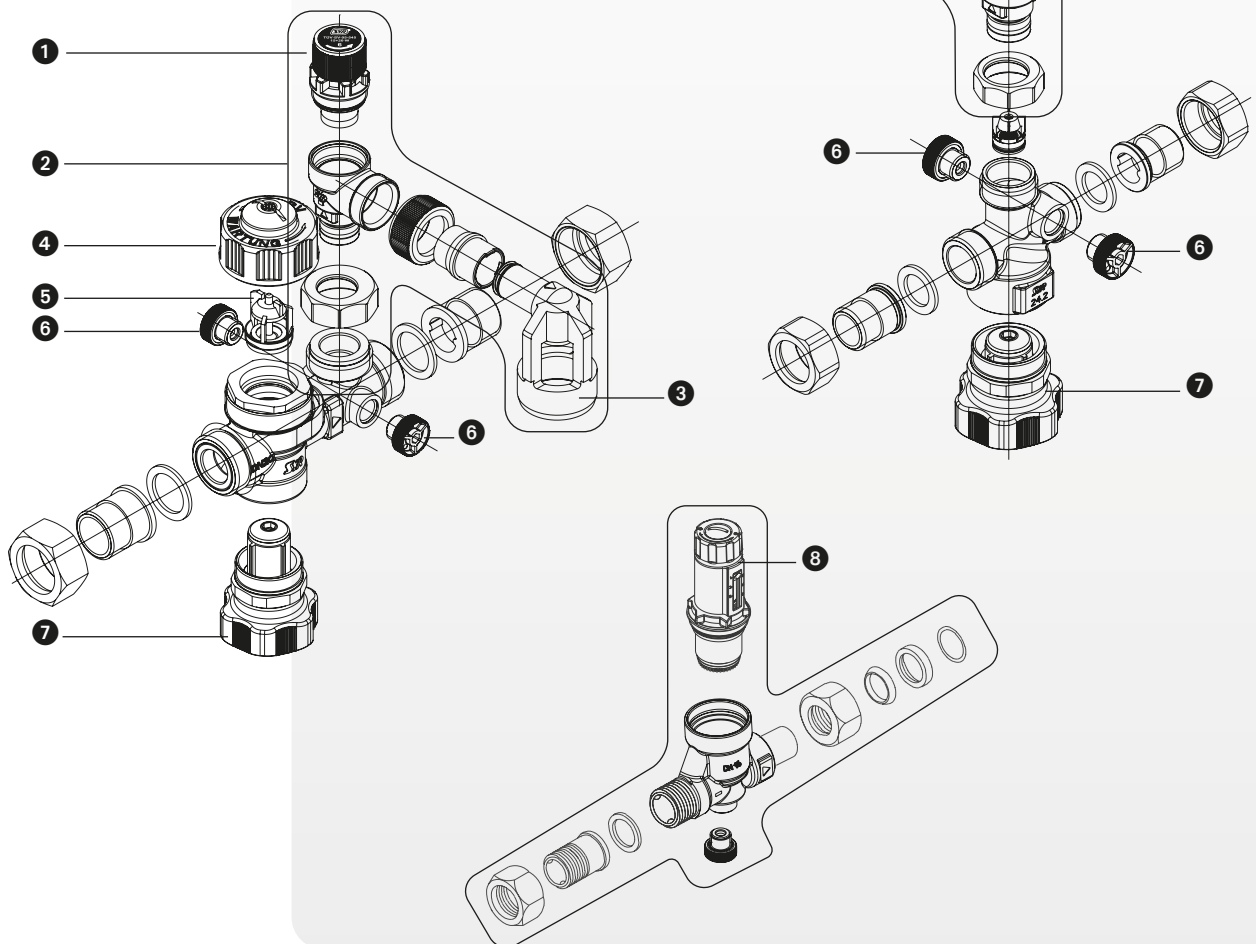
Spare parts

Tundish		0214.00.902
Exchangeable pressure relief valve	6 bar	2115.20.073
	8 bar	2115.20.074
	10 bar	2115.20.075
Screw cap		4807.00.917
Check valve	DN 20	4807.00.916
Manometer plug		0828.08.000
Isolation valve		0024.15.913
PRV-Cartridge		0315.15.931
Pressure reducing valve complete	DN 15	0315.15.932
	DN 20	0315.20.965

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

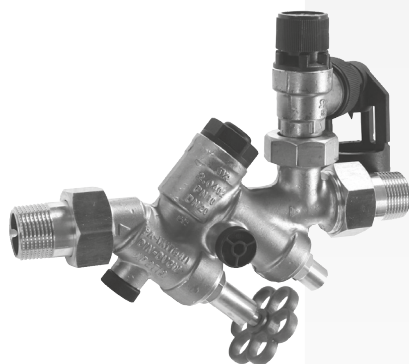


- 1 Exchange cartridge
- 2 Exchange pressure relief valve
- 3 Tundish
- 4 Handle
- 5 Check valve
- 6 Manometer plug
- 7 Isolating valve
- 8 Pressure reducing cartridge
- 9 Pressure reducing valve



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.



Spare parts:
page 120

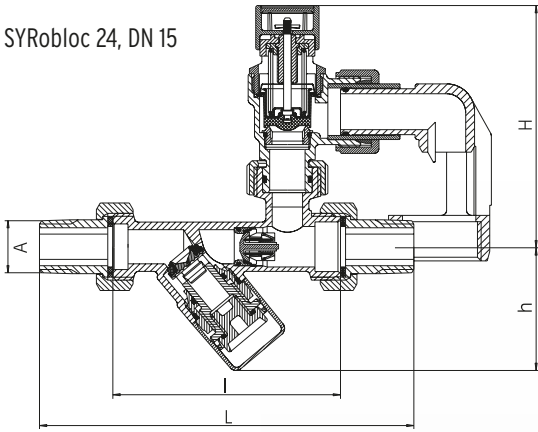
Technical specifications

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 m³/h at Δp 1.0 bar
DN 20	4.0 m³/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

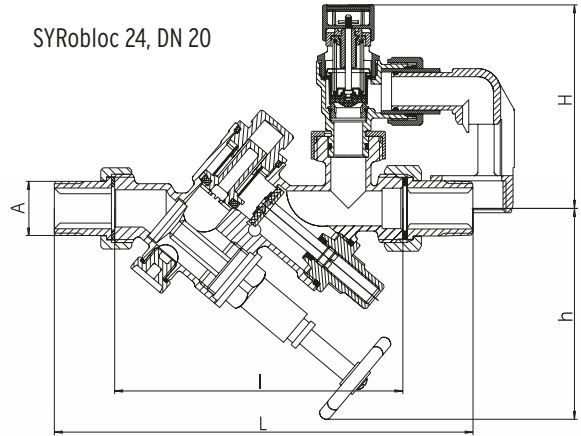
Safety Groups 24	Order-No.	
DN 15 (R ½)	6 bar	0024.15.000
	8 bar	0024.15.001
	10 bar	0024.15.002
DN 15 (R ¾)	6 bar	0024.15.009
	8 bar	0024.15.010
	10 bar	0024.15.011
DN 20 (R ¾)	6 bar	0024.20.000
	8 bar	0024.20.001
	10 bar	0024.20.002
DN 20 (R 1)	6 bar	0024.20.009
	8 bar	0024.20.010
	10 bar	0024.20.011

Safety Group SYRobloc 24

SYRobloc 24, DN 15

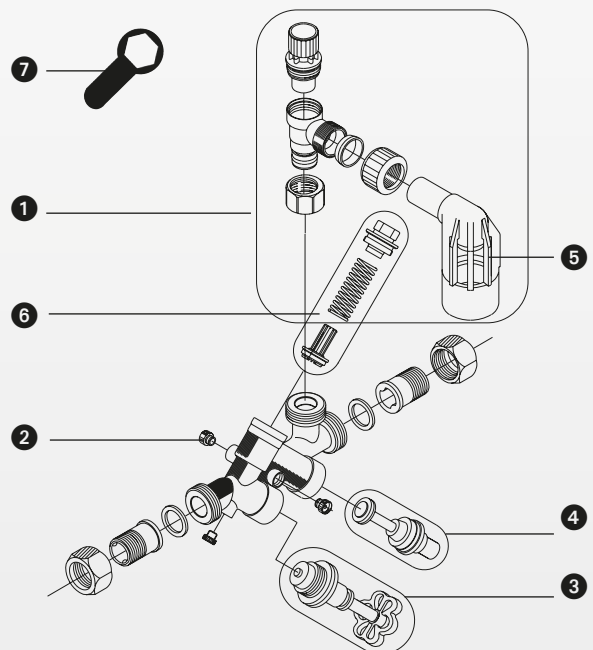
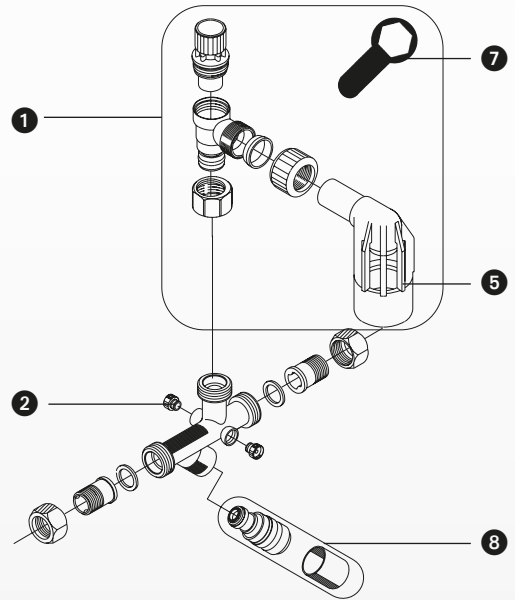


SYRobloc 24, DN 20



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 118

Safety Groups SYRobloc 25

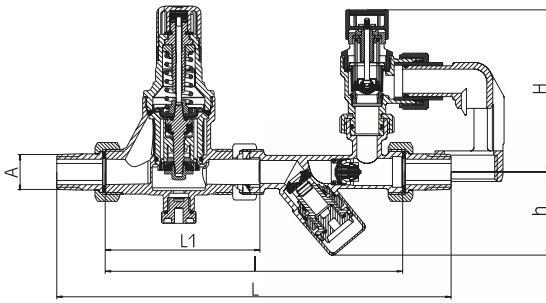
For the connection of unvented (pressurized) water heaters in accordance with DIN 1988. Certified by DVGW and acoustic approval class 1. Includes a shut-off valve, a check valve with test device, a second shut-off valve (DN 20), a diaphragm pressure relief valve with a stainless steel valve seat, an 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

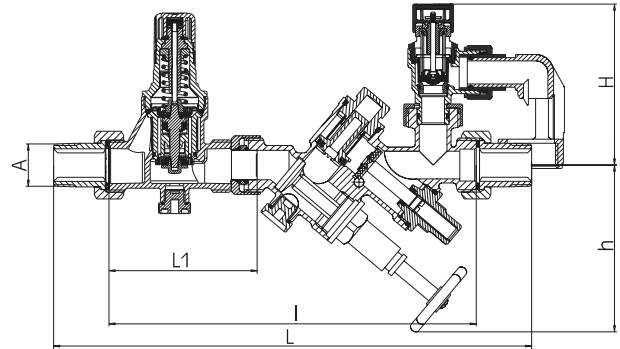
Max. inlet pressure	10 bar according to DIN EN 1488
Max. operating pressure	max. 80% of the set pressure
Max. operating temperature	30 °C
Fluid	potable water
Mounting position	any
Response pressure	6, 8 or 10 bar
Flow rate	
DN 15	1.3 m ³ /h at Δp 1.1 bar
DN 20	2.3 m ³ /h at Δp 1.1 bar
Max. nominal volume 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.
DN 15 (R ½) 6 bar	0025.15.000
	0025.15.001
	0025.15.002
DN 15 (R ¾) 6 bar	0025.15.009
	0025.15.010
	0025.15.011
DN 20 (R ¾) 6 bar	0025.20.000
	0025.20.001
	0025.20.002
DN 20 (R 1) 6 bar	0025.20.009
	0025.20.010
	0025.20.011

SYRobloc 25, DN 15

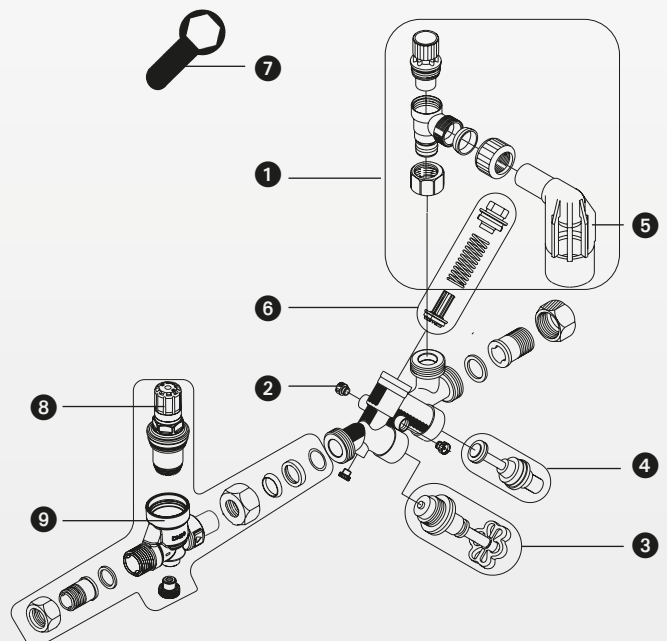
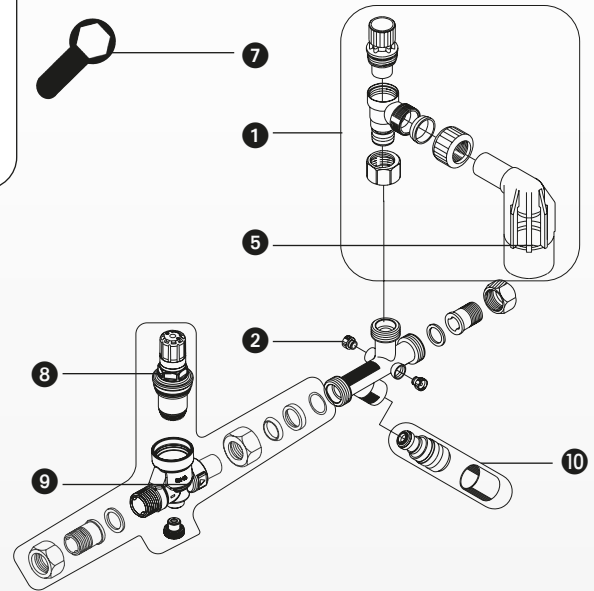


SYRobloc 25, DN 20



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





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.
DN 20	6 bar	2115.20.015
	8 bar	2115.20.016
	10 bar	2115.20.017



Accessories	Order-No.
Ring spanner	4807.00.906
Spare parts	
Pressure reducing valve 315.1	
DN 15 brass	0315.15.009
DN 20 brass	0315.20.005
Pressure reducing cartridge	
DN 15 + 20 (from 07/2007)	0312.20.927
DN 15 (up to 06/2007)	0312.15.900
DN 20 (up to 06/2007)	0315.20.904
Pressure gauge	0011.08.000
Tundish	
(from 06/1999)	0214.00.902
Stop valve (DN 15)	0024.15.900
Check valve (DN 20)	0024.20.901
Stop valve for maintenance (DN 20)	0024.20.902
Head part of angle seat valve (DN 20)	0024.20.903
Manometer plug	0828.08.000

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

Safety Assemblies	Order-No.
322, 7 bar, without siphon	0322.15.055
322, 10 bar, with siphon	0322.15.056
323, 6 bar, without mixing valve	0323.15.055
324, 6 bar, without mixing valve	0324.15.055

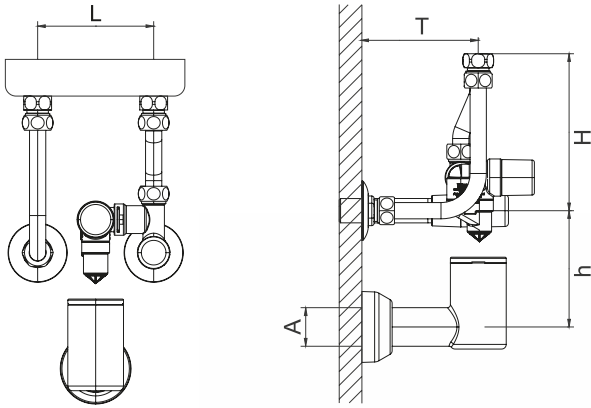


Accessories

Accessories	Order-No.
Assembly key	4807.00.906

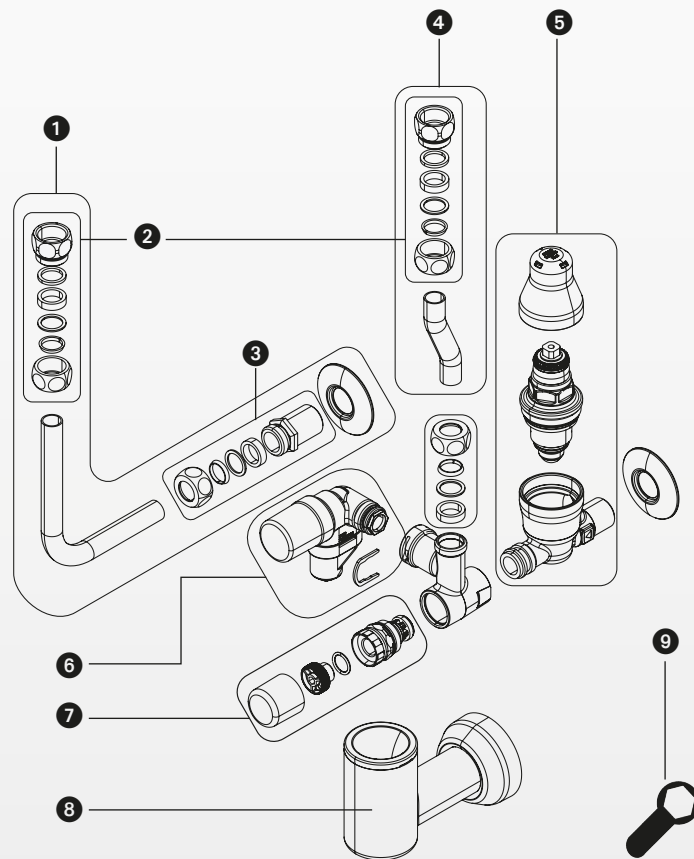
Spare parts

Pressure gauge, G 1/4	0010.08.500
Pressure reducing valve as replacement set for 324 or retrofitting set for SG 323	0324.15.901
Warm water connection	0323.15.900
Cold water connection	0323.15.901
Siphon	0323.15.922
Pressure relief valve, complete	
6 bar	0323.15.924
8 bar	0323.15.925
10 bar	0323.15.926
Isolating unit	0323.15.921
Device connection	0323.15.908
Pipe nipple	0323.15.909



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

0034, DN 15, 6 bar
0034, DN 15, 8 bar
0034, DN 15, 10 bar

Order-No.

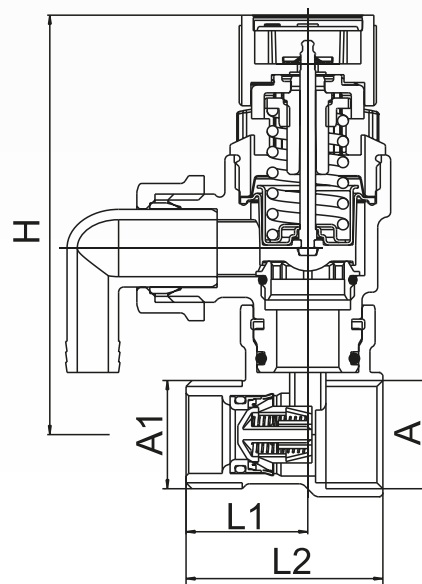
0034.15.011
0034.15.012
0034.15.013

0034, DN 20, 6 bar
0034, DN 20, 8 bar
0034, DN 20, 10 bar

0034.20.006
0034.20.007
0034.20.005

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

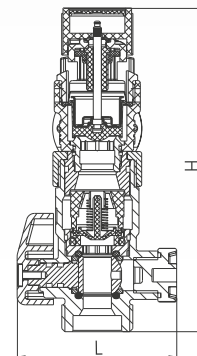
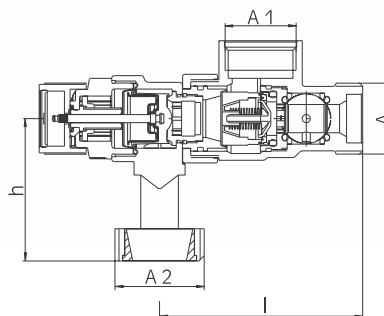


Safety Group 0330

Safety Group 0330	Order-No.
0330, DN 20, 7 bar	0330.20.000
0330, DN 15, brass, 6 bar	0330.15.100
0330, DN 15, brass, 8 bar	0330.15.101
0330, DN 15, brass, 10 bar	0330.15.102

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

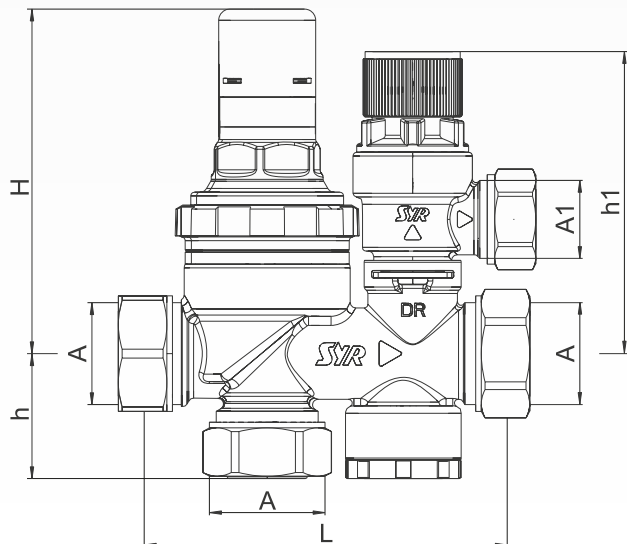
Connection size	DN 20
Set pressure	6, 7, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve (other settings on request)
Max. operating temperature	95 °C
Fluid	water, other neutral non-adhesive fluids

Order-No.

Multibloc 2312	2312.20.2XX
----------------	-------------

Dimensions

(mm)	DN 20
A	G ¾"
A1	G ½"
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

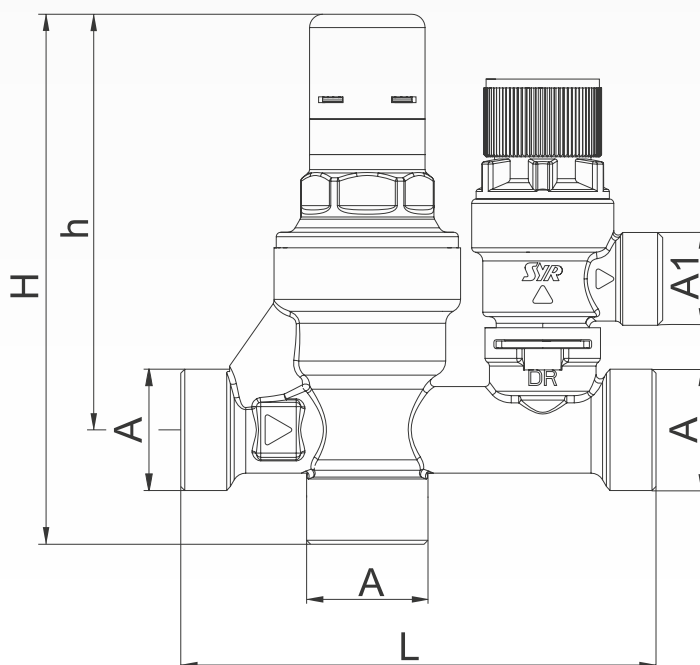
Connection size	DN 20
Set pressure	6, 7, 8 or 10 bar
Operating pressure	max. 80% of the set pressure of the pressure relief valve (other settings on request)
Max. operating temperature	95 °C
Medium	water, other neutral non-adhesive fluids

Order-No.

Inlet Control Group 2312 2312.00.3XX

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.
Diaphragm Pressure Relief Valve 2115	
DN 15	
6 bar	2115.15.000
8 bar	2115.15.001
10 bar	2115.15.002
DN 20	
6 bar	2115.20.000
8 bar	2115.20.001
10 bar	2115.20.002
DN 25	
6 bar	2115.25.000
8 bar	2115.25.001
10 bar	2115.25.002
DN 32	
6 bar	2115.32.000
8 bar	2115.32.001
10 bar	2115.32.002
DN 40	
6 bar	2115.40.000
8 bar	2115.40.001
10 bar	2115.40.002
DN 50	
6 bar	2115.50.000
8 bar	2115.50.001
10 bar	2115.50.002
Diaphragm Pressure Relief Valve with stainless steel seat	
DN 15	
6 bar	2115.15.200
8 bar	2115.15.201
10 bar	2115.15.202
DN 20	
6 bar	2115.20.200
8 bar	2115.20.201
10 bar	2115.20.202

Pressure Relief Valve 2115

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

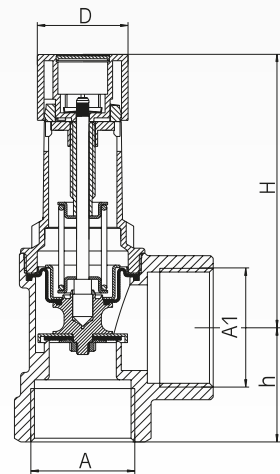
When ordering this diaphragm pressure relief valve with special setting, observe the following:

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

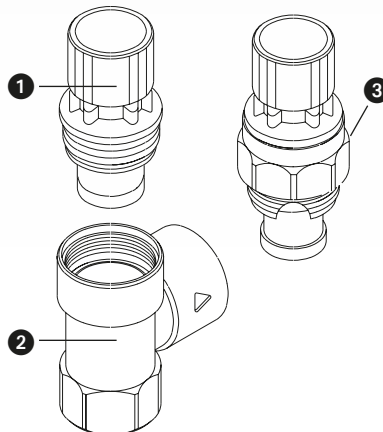
	Order-No.
DN 15	2115.15.XXX
DN 20	2115.20.XXX
DN 25	2115.25.XXX
DN 32	2115.32.XXX
DN 40	2115.40.XXX
DN 50	2115.50.XXX

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

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

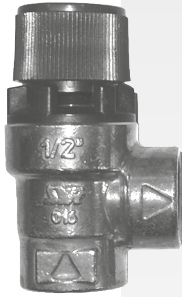


- ① Head part
- ② Body
- ③ Cartridge



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



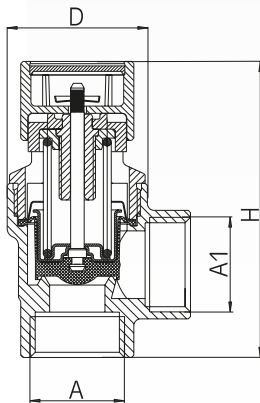
2117.11

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

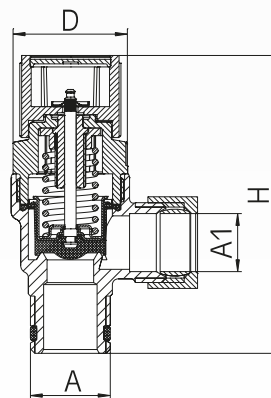
Order-No.

Pressure Relief Valve 2117	
DN 15	
6 bar	2117.15.000
8 bar	2117.15.001
10 bar	2117.15.002
Pressure Relief Valve 2117.11	
DN 15	2117.15.200
DN 20	2117.20.200



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

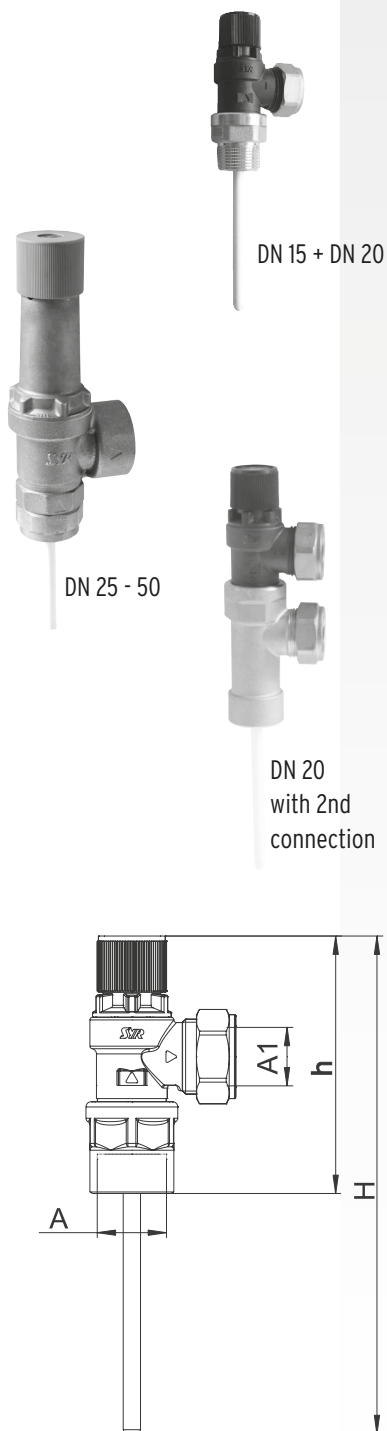


Dimensions 2117.11

(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.

P&T Valve 2303

DN 15	3 bar, male thread	2303.15.053
	4 bar, male thread	2303.15.054
	6 bar, male thread	2303.15.056
	7 bar, male thread	2303.15.057
	8 bar, male thread	2303.15.058
DN 20	10 bar, male thread	2303.15.060
	3 bar, male thread	2303.20.053
	4 bar, male thread	2303.20.054
	6 bar, male thread	2303.20.056
	7 bar, male thread	2303.20.057
DN 20	8 bar, male thread	2303.20.058
	10 bar, male thread	2303.20.060

DN 25	2303.25.XXX
DN 32	2303.32.XXX
DN 40	2303.40.XXX
DN 50	2303.50.XXX

P&T Valve 2303 with 2nd connection

DN 20	2303.20.024
-------	-------------

Dimensions 2303

(mm)	DN 15	DN 20	DN 25	DN 32	DN 40	Nominal size 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



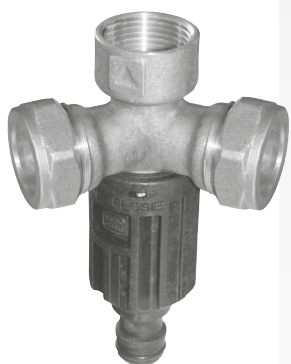
Drain Cock

Drain Cock 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

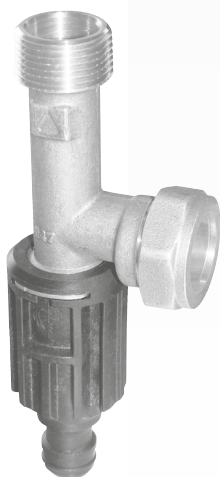
Max. operating pressure	10 bar
Max. operating temperature	95 °C
Flow rate	0.6 m ³ /h at Δp 0.1 bar
Mounting position	any



Drain Cock
with additional
connection

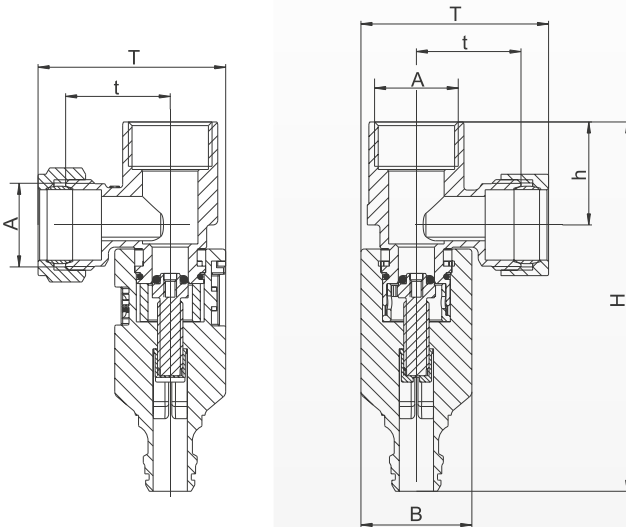
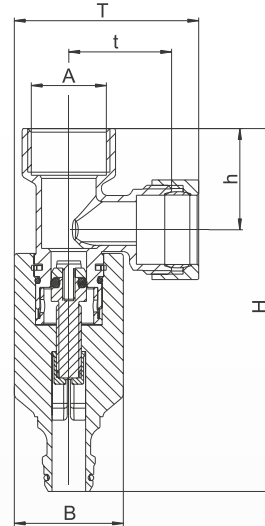
Order-No.

Drain Cock, DN 20	6705.20.000
Drain Cock, DN 20 with additional connection	6705.20.001
Drain Cock, DN 20 long version	6705.20.005



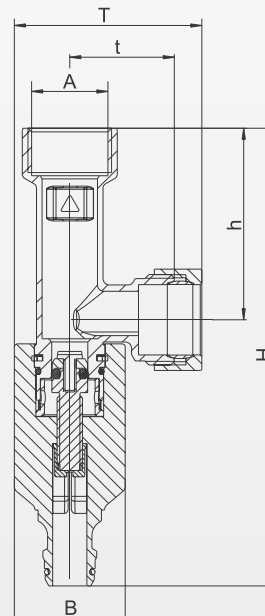
Drain Cock
Long version

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

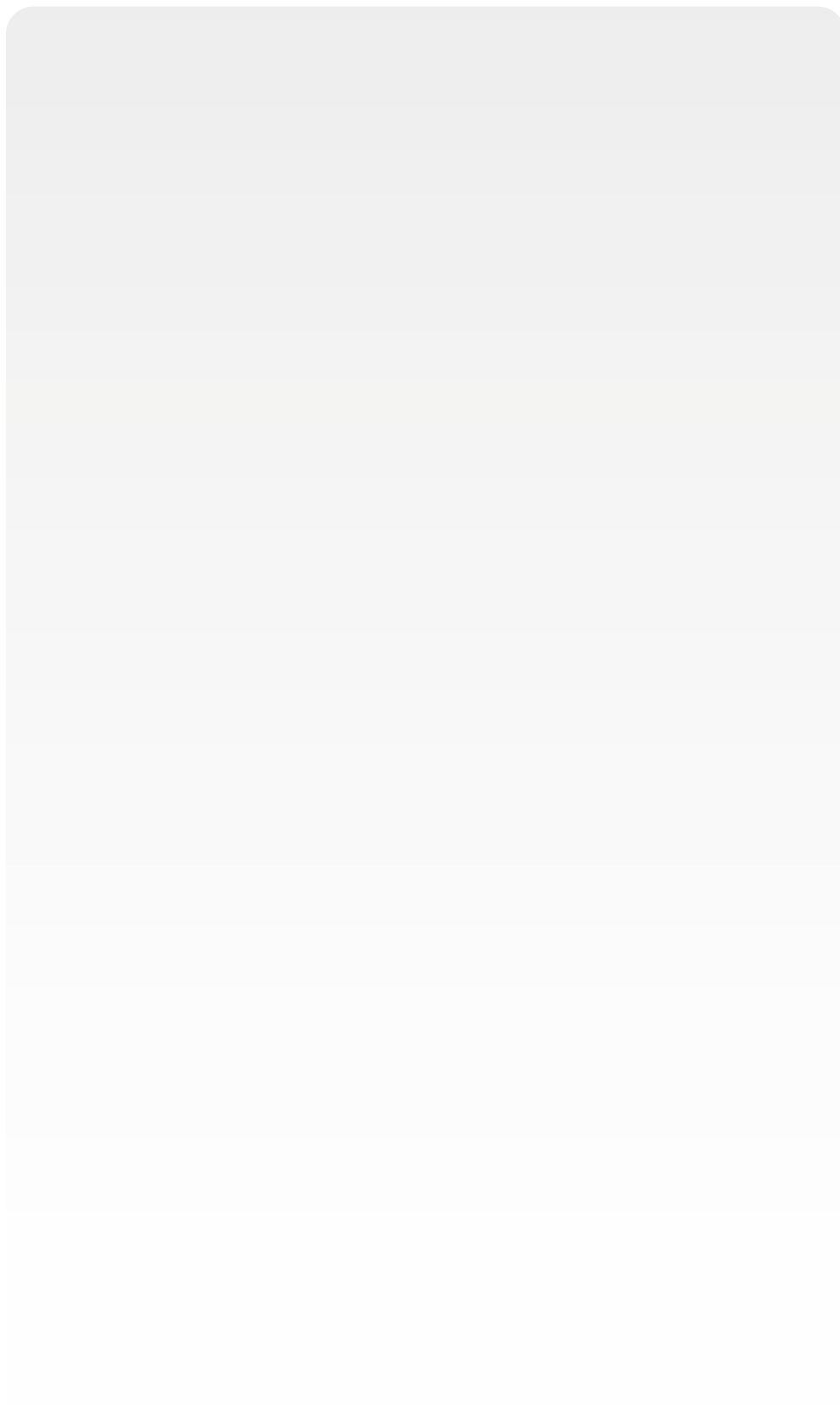


Dimensions (mm)	Nominal size DN 20
A	R 3/4"
H	117
h	32.5
T	59
t	33
B	35

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



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)	134
ConnectionCenter 3200 for cartridge system:	
HWE (Water softening)	
HVE (Demineralization)	
HVE Plus (Demineralization with pH stabilization)	136
ConnectionCenter 3228 All-in-One:	
HWE (Water softening)	
HVE (Demineralization)	
HVE Plus (Demineralization with pH stabilization)	138
HVE plus compact station	140
Mobile filling station MOBIFILL 3200	142
HSK 1 / HSK 2 Heating protection concentrates	144
Canister pump 3220 with filling set	144
Analysis methods	145

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 136

- 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.
ConnectingCenter All-in-One+ Connect	3228.15.015

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)

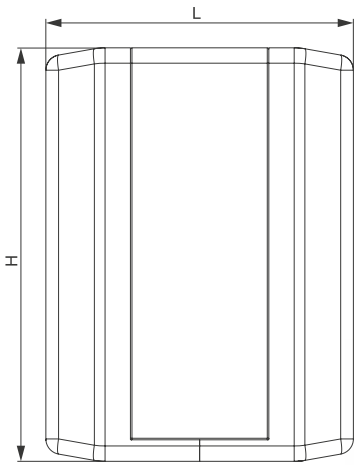
Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH
	30 litre	27.850 l/°dH

	Order-No.
2.5l-Cartridge	3200.00.021
4l-Cartridge	3200.00.001
7l-Cartridge	3200.00.003
14l-Cartridge	3200.00.004
30l-Cartridge	3200.00.018

	Order-No.
2.5l-Cartridge	3200.00.022
4l-Cartridge	3200.00.011
7l-Cartridge	3200.00.013
14l-Cartridge	3200.00.014
30l-Cartridge	3200.00.017

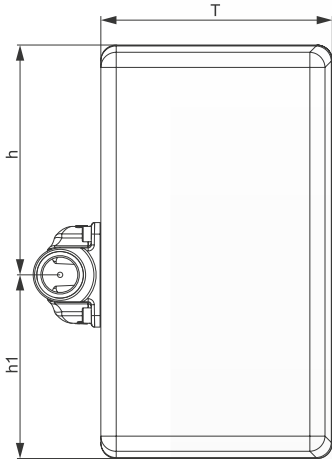
	Order-No.
2.5l-Cartridge	3200.00.023
4l-Cartridge	3200.00.015
7l-Cartridge	3200.00.005
14l-Cartridge	3200.00.006
30l-Cartridge	3200.00.016

ConnectingCenter All-in-one+ Connect for cartridge system



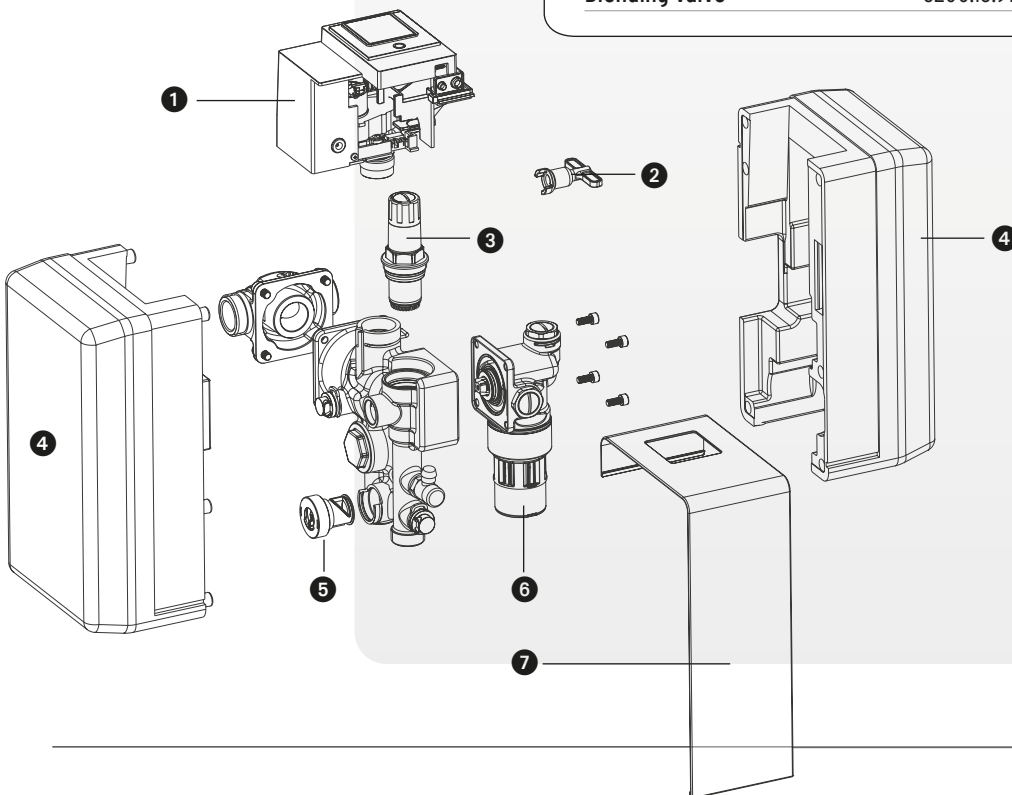
Dimensions (mm)
DN 15

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.	
Connection set		
mandatory for water treatment	3228.00.001	
Calibration solution (25 items)		
for conductivity meter	3200.00.909	
Calibration solution (5 items)		
for pH-measurement device	3200.00.936	
pH-measurement device	3200.00.918	
Spare parts		
Refill resin	2.5 litre	3200.00.942
HWE	4 litre	3200.00.904
	7 litre	3200.00.906
	10 litre	3200.00.937
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin	2.5 litre	3200.00.943
HVE	4 litre	3200.00.914
	7 litre	3200.00.916
	10 litre	3200.00.938
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin	2.5 litre	3200.00.944
HVE Plus	4 litre	3200.00.927
	7 litre	3200.00.926
	10 litre	3200.00.939
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Label Water Treatment for heating systems	3200.00.925	
Sealing-Kit	3228.00.911	
Pressure reducing cartridge	0312.15.900	
Hardness tester	3000.00.913	
Power plug	1500.01.915	
Test valves (3 units)	6625.15.902	
Backflow preventer	6625.15.900	
Controller complete	3228.00.910	
Blending valve	3200.15.914	



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.
ConnectionCenter 3200	3200.15.026



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.

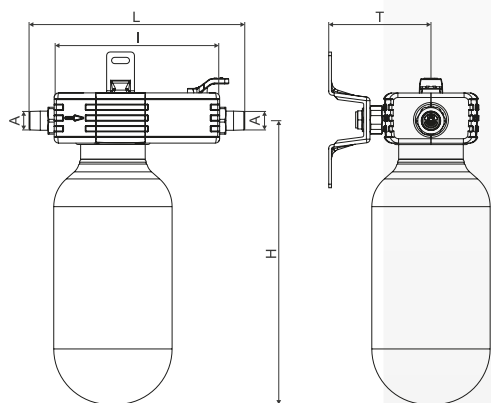
2.5l-Cartridge	3200.00.021
4l-Cartridge	3200.00.001
7l-Cartridge	3200.00.003
14l-Cartridge	3200.00.004
30l-Cartridge	3200.00.018

Order-No.

2.5l-Cartridge	3200.00.022
4l-Cartridge	3200.00.011
7l-Cartridge	3200.00.013
14l-Cartridge	3200.00.014
30l-Cartridge	3200.00.017

Order-No.

2.5l-Cartridge	3200.00.023
4l-Cartridge	3200.00.015
7l-Cartridge	3200.00.005
14l-Cartridge	3200.00.006
30l-Cartridge	3200.00.016



**Dimensions Nominal size
(mm) DN 15**

A	R 3/4"
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.
Conductivity meter HVE		3200.15.905
Calibration solution (25 items) for conductivity meter		3200.00.909
pH-measurement device		3200.00.918
Calibration solution (5 items) for pH-measurement device		3200.00.936
BA FillingCombi		6628.20.008
Union for the connection of the FillingCombi BAplus 6628		0805.20.902
Spare parts		
Digital capacity control		3200.00.969
Hardness tester (hardness measurement device)		3000.00.937
Adapter for 14- and 30-litre cartridge		3200.00.910
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
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
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
Refill resin	2.5 litre	3200.00.942
	4 litre	3200.00.904
HWE	7 litre	3200.00.906
	10 litre	3200.00.937
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin	2.5 litre	3200.00.943
	4 litre	3200.00.914
HVE	7 litre	3200.00.916
	10 litre	3200.00.938
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin	2.5 litre	3200.00.944
	4 litre	3200.00.927
HVE Plus	7 litre	3200.00.926
	10 litre	3200.00.939
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Label pad		
Water treatment for heating systems		3200.00.925
Hose set		3200.00.941
Wall bracket		7500.00.901

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 136

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 m ³ /h (0.3 m ³ /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	629,45	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)

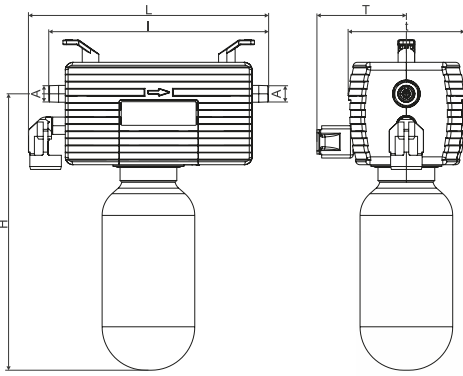
Capacity	2.5 litre	2.185 l/°dH
	4 litre	3.500 l/°dH
	7 litre	6.500 l/°dH
	14 litre	13.000 l/°dH
	30 litre	27.850 l/°dH

	Order-No.
2.5l-Cartridge	3200.00.021
4l-Cartridge	3200.00.001
7l-Cartridge	3200.00.003
14l-Cartridge	3200.00.004
30l-Cartridge	3200.00.018

	Order-No.
2.5l-Cartridge	3200.00.022
4l-Cartridge	3200.00.011
7l-Cartridge	3200.00.013
14l-Cartridge	3200.00.014
30l-Cartridge	3200.00.017

	Order-No.
2.5l-Cartridge	3200.00.023
4l-Cartridge	3200.00.015
7l-Cartridge	3200.00.005
14l-Cartridge	3200.00.006
30l-Cartridge	3200.00.016

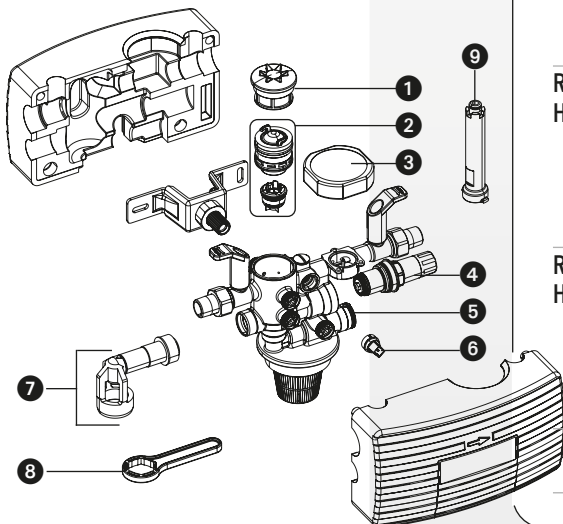
ConnectionCenter 3228 All-in-one for cartridge system



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 cart.
- 7 Tundish, complete
- 8 Ring spanner
- 9 Maintenance tool



Accessories

	Order-No.
Plug	3228.00.903
Backflow preventer cartridge	6600.00.974
Digital capacity control	3228.00.905
Pressure reducing cartridge	0315.15.900
Blending valve, complete	3200.15.914
Tundish, complete	3228.00.901
Pressure sensor	3228.00.904
Ring spanner	4807.00.906
Maintenance tool	6600.00.970
Conductivity meter cartridge	3228.00.900
Calibration solution (25 items) for conductivity meter	3200.00.909
pH-measurement device	3200.00.918
Calibration solution (5 items) for pH-measurement device	3200.00.936

Spare parts

Hardness tester (hardness measurement device)		3000.00.913
Adapter for 14- and 30-litre cartridge		3200.00.910
Cartridge HWE (filled)	2.5 litre	3200.00.021
	4 litre	3200.00.001
	7 litre	3200.00.003
	14 litre	3200.00.004
	30 litre	3200.00.018
Cartridge HVE (filled)	2.5 litre	3200.00.022
	4 litre	3200.00.011
	7 litre	3200.00.013
	14 litre	3200.00.014
	30 litre	3200.00.017
Cartridge HVE Plus (filled)	2.5 litre	3200.00.023
	4 litre	3200.00.015
	7 litre	3200.00.005
	14 litre	3200.00.006
	30 litre	3200.00.016
Refill resin HWE	2.5 litre	3200.00.942
	4 litre	3200.00.904
	7 litre	3200.00.906
	10 litre	3200.00.937
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin HVE	2.5 litre	3200.00.943
	4 litre	3200.00.914
	7 litre	3200.00.916
	10 litre	3200.00.938
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Refill resin HVE Plus	2.5 litre	3200.00.944
	4 litre	3200.00.927
	7 litre	3200.00.926
	10 litre	3200.00.939
	14 litre	2 x 7 litre
	30 litre	3 x 10 litre
Label Water Treatment for heating systems		3200.00.925



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 m ³ /h with 2.5l-cartridge
Mounting position	main axis vertical
Connection size	DN 15

	Order-No.
HVE plus compact station	3200.15.012

Example of calculation HVE Plus 2.5 litre

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

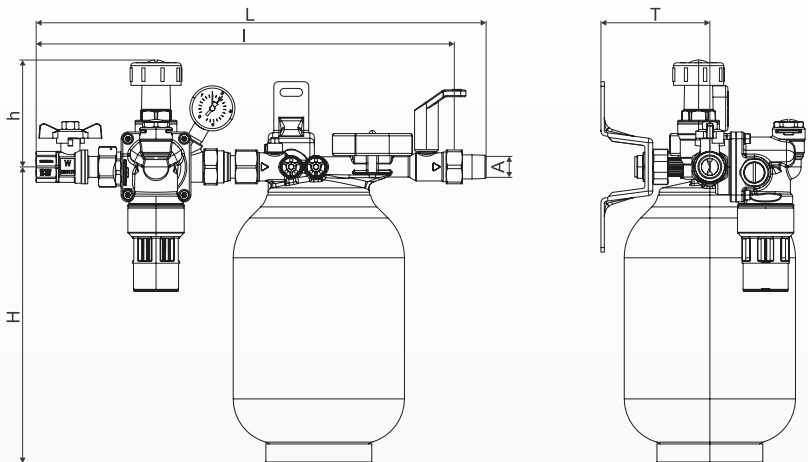
- Stop valves upstream and downstream
- Digital capacity control with illuminated display
- Conductivity sensor
- Backflow preventer STBA with easy maintenance function
- Pressure reducing valve
- Wall bracket
- 2.5 litre HVE plus cartridge for fully demineralization and pH stabilization included in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

Spare parts **Order-No.**

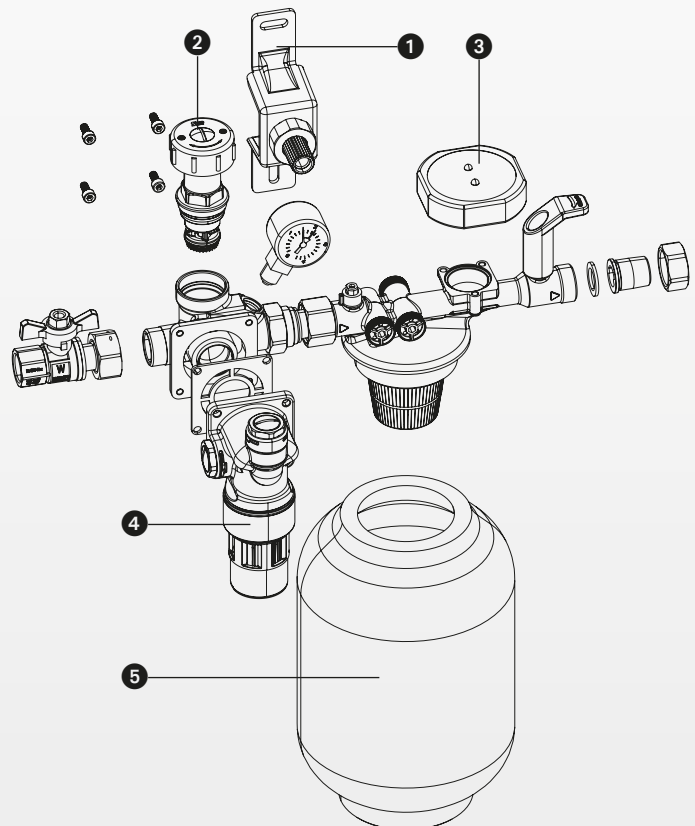
Refill resin HVE plus, 2.5 litre	3200.00.944
Digital capacity control	3200.00.969
Pressure reducing cartridge	6625.15.901
Cartridge HVE plus, 2.5 litre	3200.00.023
Backflow preventer cartridge	6625.15.900
Wall bracket	7500.00.901

Dimensions (mm) DN 15

A	R $\frac{1}{2}$ "
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 136

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.

Mobile filling station MOBIFILL 3200	3200.00.040
---	-------------

- 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.

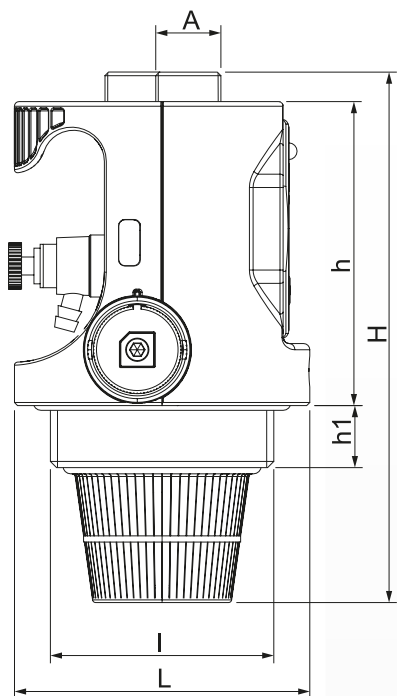
2.5l-Cartridge	3200.00.021
4l-Cartridge	3200.00.001
7l-Cartridge	3200.00.003
14l-Cartridge	3200.00.004

Order-No.

2.5l-Cartridge	3200.00.022
4l-Cartridge	3200.00.011
7l-Cartridge	3200.00.013
14l-Cartridge	3200.00.014

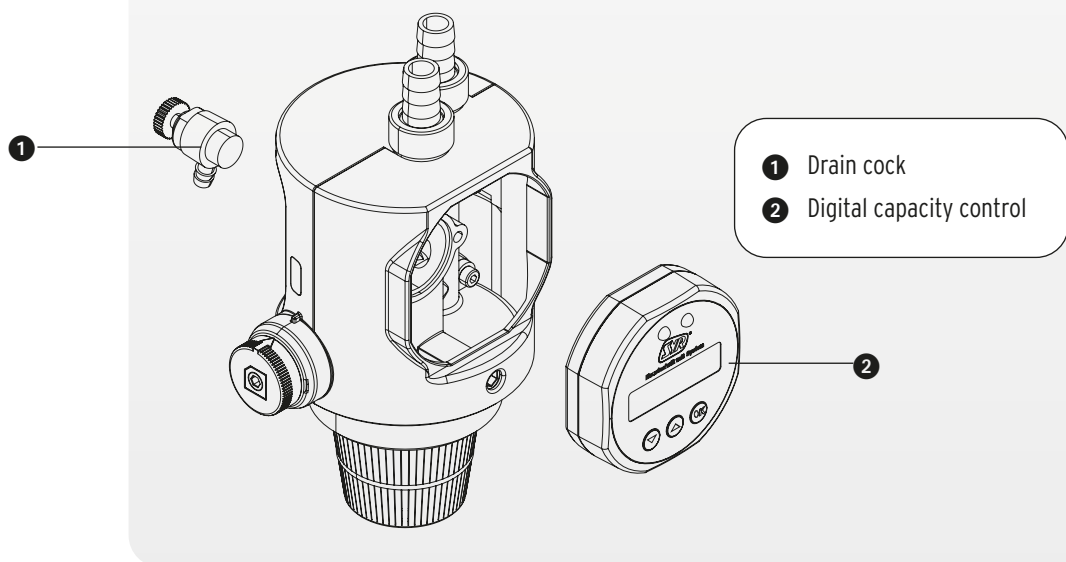
Order-No.

2.5l-Cartridge	3200.00.023
4l-Cartridge	3200.00.015
7l-Cartridge	3200.00.005
14l-Cartridge	3200.00.006



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

Accessories	Order-No.
Backflow Preventer STBA 200	6625.15.002
Calibration solution (25 items) for conductivity meter	3200.00.909
Calibration solution (5 items) for pH-measurement device	3200.00.936
Conductivity meter HVE	3200.15.905
pH-measurement device	3200.00.918
Spare parts	
Hardness tester (hardness measurement device)	3000.00.913
Refill resin HWE	2.5 litre 3200.00.942 4 litre 3200.00.904 7 litre 3200.00.906
Refill resin HVE	2.5 litre 3200.00.943 4 litre 3200.00.914 7 litre 3200.00.916
Refill resin HVE Plus	2.5 litre 3200.00.944 4 litre 3200.00.927 7 litre 3200.00.926
Label Water Treatment for heating systems	3200.00.925
Digital capacity control	3200.00.969
Drain plug	2315.00.920



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.
HSK 1 5-litre canister	3220.00.013
10-litre canister	3220.00.014
HSK 2 5-litre canister	3220.00.015
10-litre canister	3220.00.016

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.
Canister pump 3220
3220.00.012

Screw connection set	Order-No.
DN 20	0805.20.000
DN 25	0805.25.000
DN 32	0805.32.000

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.
Corrosion quick test HSK 1	3200.00.025



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

	Order-No.
Measure water hardness compl.	3000.00.913
Measure water hardness mini	3000.00.937



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

	Order-No.
Conductivity meter	3200.15.905

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

	Order-No.
pH measuring device	3200.00.918



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.
SYR analysis case	3200.00.010





Heating valves

Backwash Heating Filter HF 3415	148
Backwash Heating Filter HF 3425 compact	150
FillingCombi BA 6628 Plus	152
FillingCombi CA 6828 plus	154
Backflow Preventer STBA 200 / 220	156
Backflow Preventer STBA 400 / 600	158
Pressure Relief Valve 1915 and 6115	160
Solar-Pressure Relief Valve 8115	162
Pressure Relief Valve 1917	164
Water Level Limiter 932	166
Water Level Limiter 933	168
Thermal Safety Valve 3065	170
Thermal Safety Valve 5067	172
Filling Group 2128	173
Air Vent 62	174

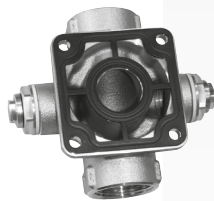
Heating valves

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.

Heating System Filter HF 3415	3415.00.000
-------------------------------	-------------

Accessories

Order-No.

Cross-type flange	
DN 20	3415.20.000
DN 25	3415.25.000
DN 32	3415.32.000

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.

2-way manifold	3415.00.018
3-way manifold	3415.00.019
Flanges for manifold	
DN 32	2315.32.201
DN 40	2315.40.201
DN 50	2315.50.201
Blanking cap (Spare part)	2320.00.901

Spare parts

Air vent	3415.00.900
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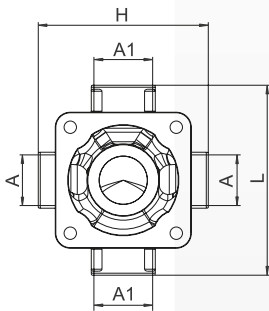
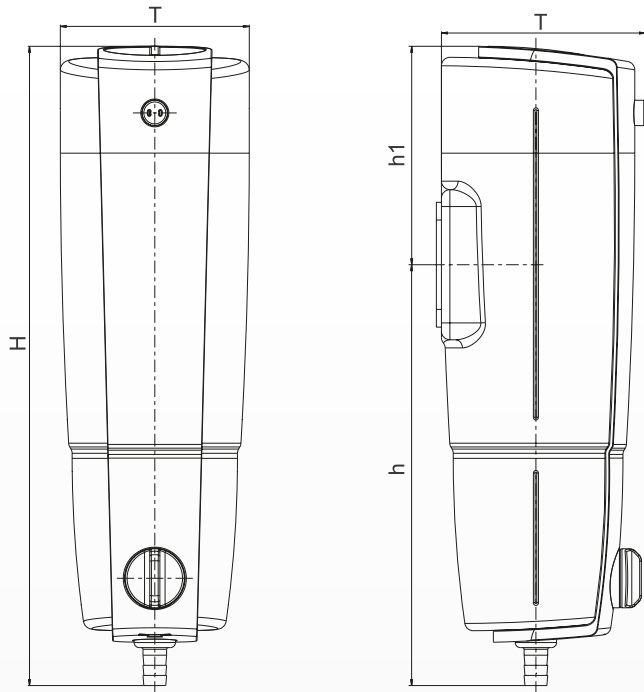
Technical specifications (manifolds)

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



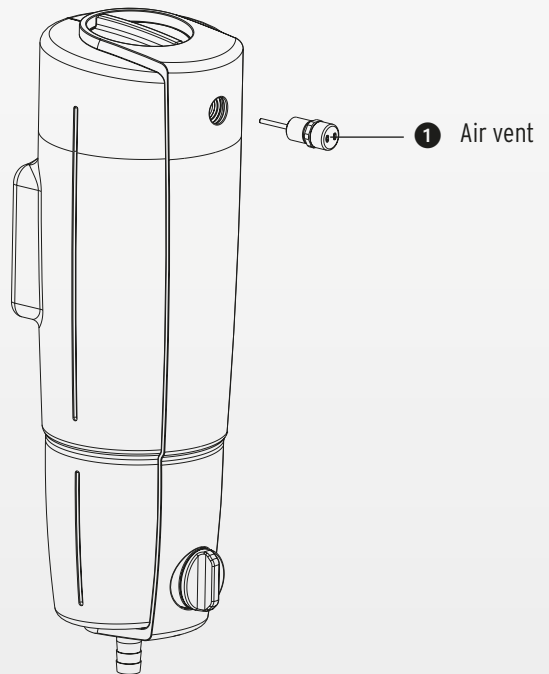
Backwash Heating Filter HF 3415

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



Dimensions (mm)	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

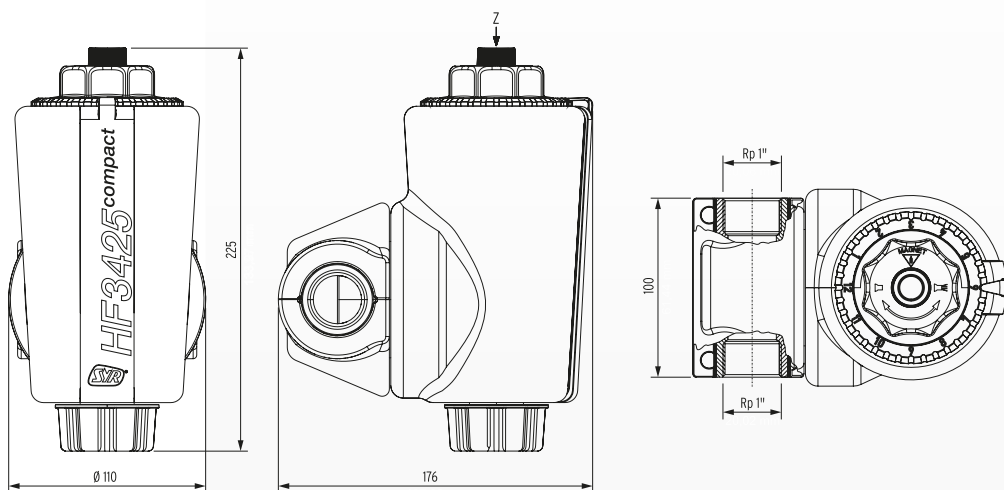
Order-No.

HF 3425 compact	1"	3425.25.000
HF 3425 compact	28/22mm	3425.25.016

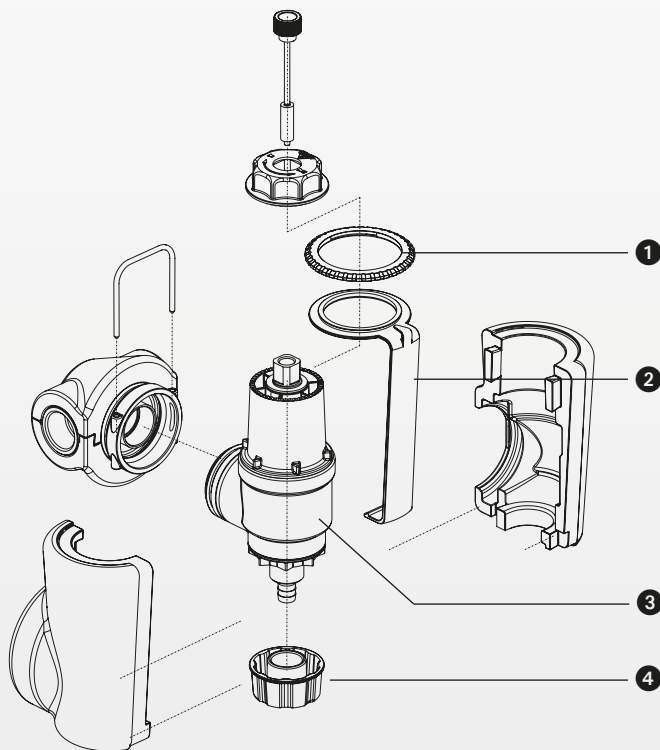
- Practical backwash and maintenance reminder
- Simple backwashing without replacing the filter element
- With desludging and magnetic separation
- Convenient mounting with integrated, rotatable flange

Backwash Heating Filter HF 3425 compact

Accessories	Order-No.
Connection center 3200	3200.15.026
FillingCombi BA	6628.20.008
Spare parts	
Bezel	3425.00.901
Bracket	3425.00.902
Cap with sealing	3425.00.903
Filter unit	3425.00.900



- 1 Bezel
- 2 Bracket
- 3 Filter unit
- 4 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 m ³ /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.

BA 6628

6628.20.008

Accessories

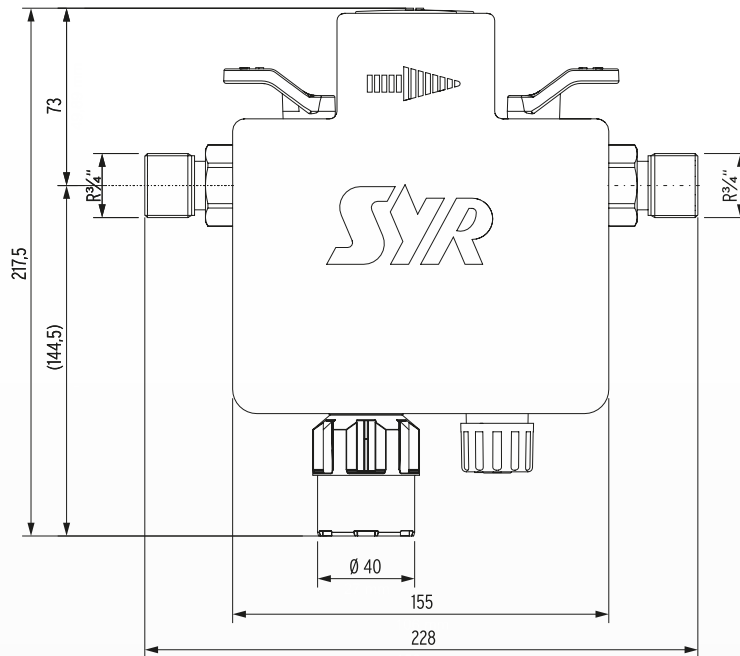
Order-No.

Maintenance key	6600.00.970
Ring spanner to mount the cap	4807.00.906

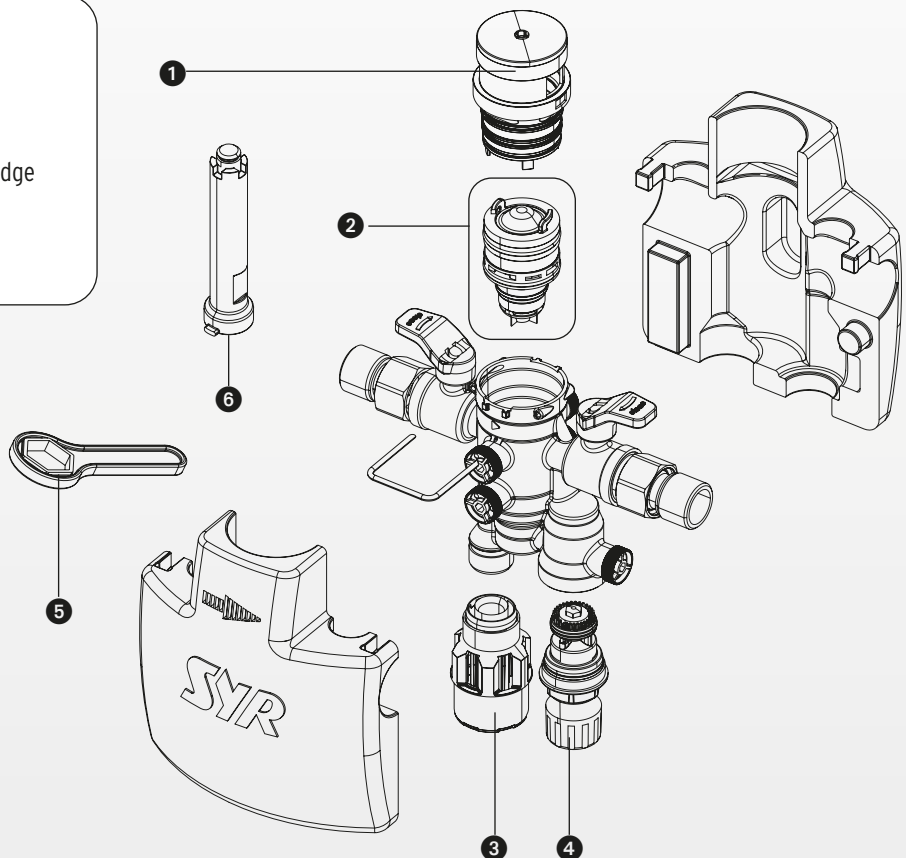
Spare parts

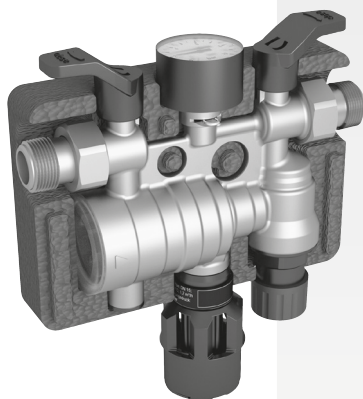
BA cartridge	6600.00.974
Pressure reducing cartridge	0315.15.900
Double pressure gauge	3228.00.902
Tundish	6600.00.903

FillingCombi BA 6628 Plus with double pressure gauge



- ① Double pressure gauge
- ② Cartridge
- ③ Tundish
- ④ Pressure reducing cartridge
- ⑤ Ring spanner
- ⑥ 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	1.3 m ³ /h at Δp 1.5 bar
Outlet pressure	1.5 - 5 bar (factory set: 1.5 bar)
Mounting position	horizontal, tundish facing downwards
Connection size	DN 15

Order-No.

FillingCombi CA 6828 DN 15	6828.15.005
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Accessories

Order-No.

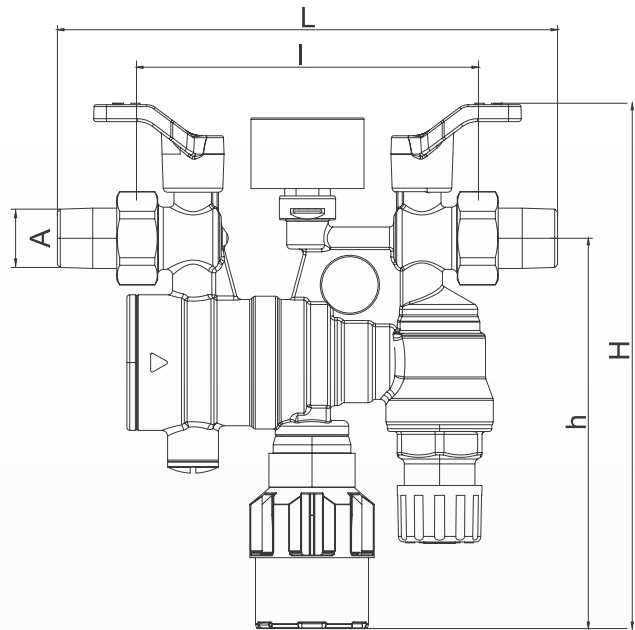
Maintenance key for PRV	6628.00.933
Maintenance key for RPZ	6600.00.970
Ring spanner	4807.00.906

Spare parts

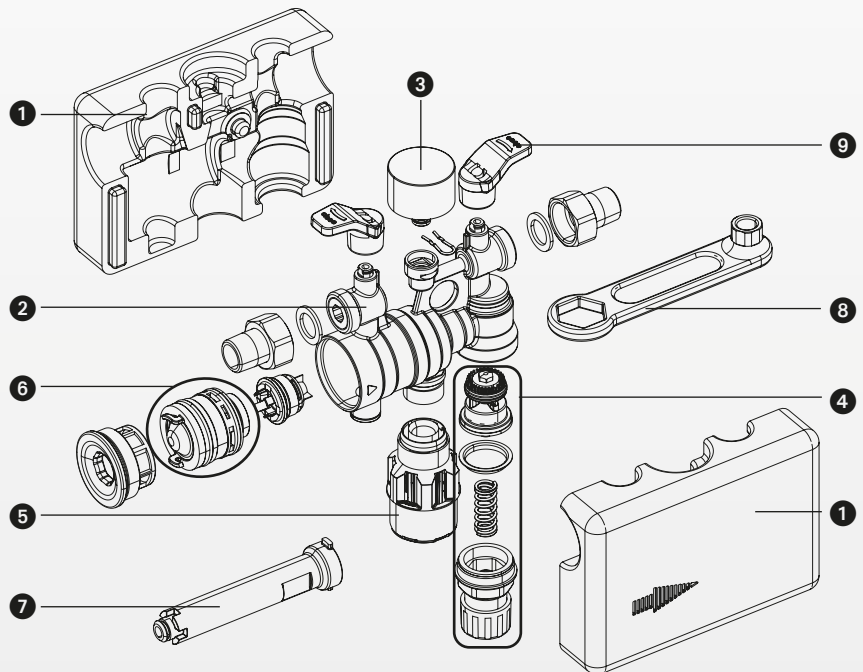
Pressure reducing cartridge	6629.00.905
Backflow preventer cartridge with maintenance key	6600.00.974
Isolating handle	6828.00.904
Pressure gauge	6828.00.905
Tundish	6629.00.900

**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 96.

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.

Backflow Preventer STBA 200	6625.15.002
Backflow Preventer STBA 220	6625.15.022

Accessories

Order-No.

Differential pressure measuring set, digital	6600.00.000
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Spare parts STBA 200

Order-No.

Backflow preventer cartridge	6625.15.900
Test valves (3 units)	6625.15.902

Spare parts STBA 220

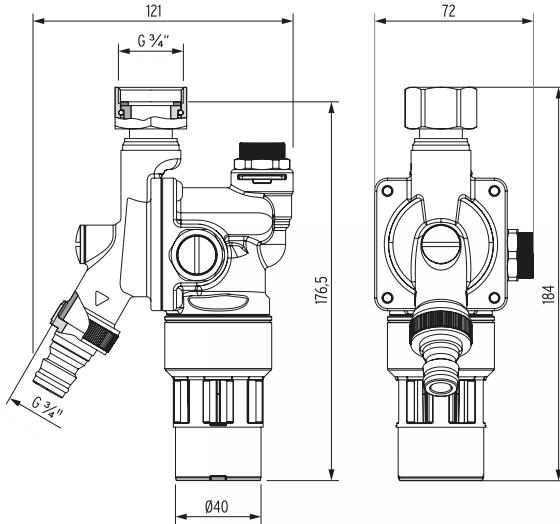
Order-No.

Backflow preventer cartridge	6600.00.917
Tundish	6600.00.903

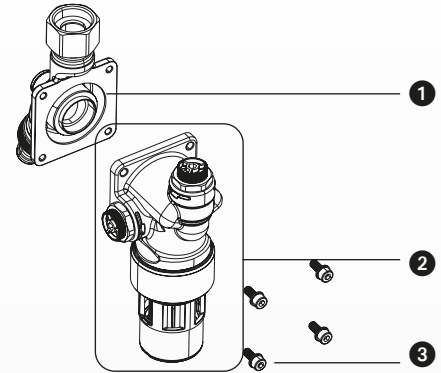
Locking clamp

DN 15 (G ¾")	6600.00.972
DN 15 (G 1")	6600.00.965

Backflow Preventer STBA 200 / 220



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

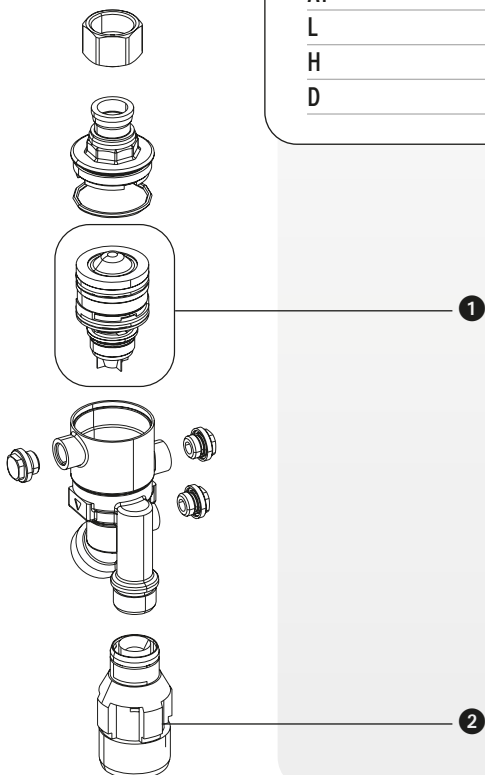
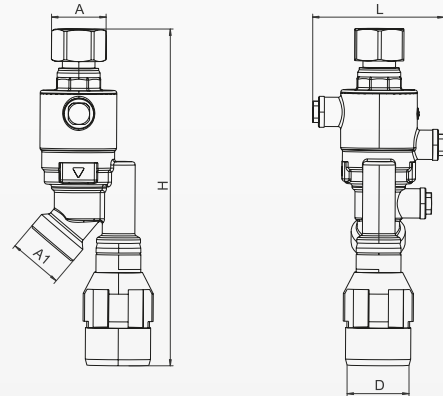


STBA 200

STBA 220

Dimensions Nominal size (mm) DN 15

Dimensions	Nominal size (mm)	DN 15
A	G 3/4	
A1	G1	
L		81
H		207
D		40



- 1 Backflow preventer cartridge
- 2 Tundish

Heating valves



STBA 400



STBA 600

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.

Backflow Preventer STBA 400	6625.15.004
Backflow Preventer STBA 600	6625.15.006

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.

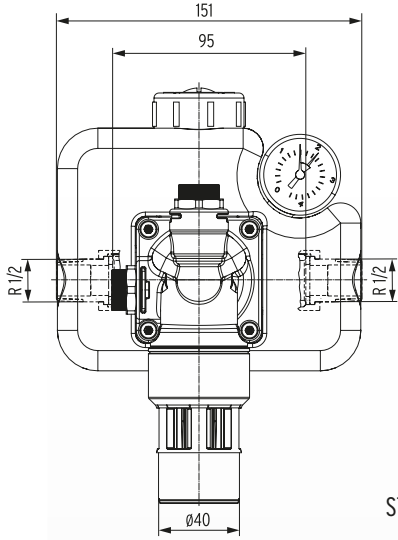
Accessories

Differential pressure measuring set, digital	6600.00.000
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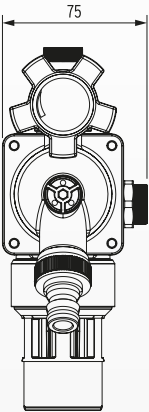
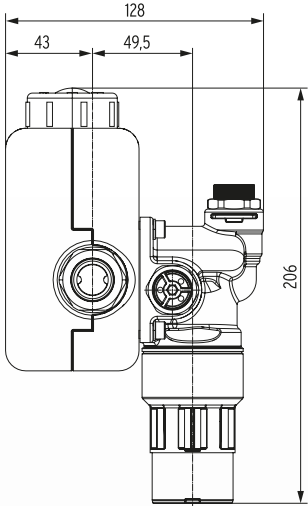
Spare parts

Backflow preventer cartridge	6625.15.900
Pressure reducing cartridge	6625.15.901
Test valves (3 units)	6625.15.902

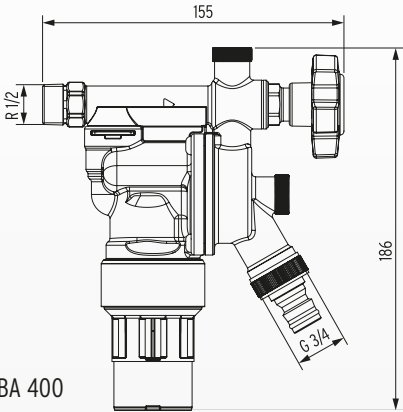
Backflow Preventer STBA 400/600



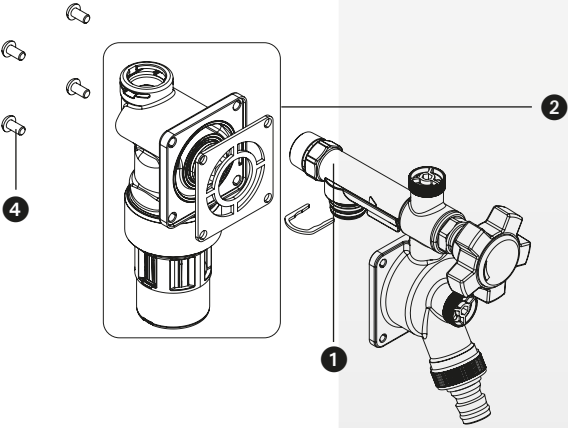
STBA 600



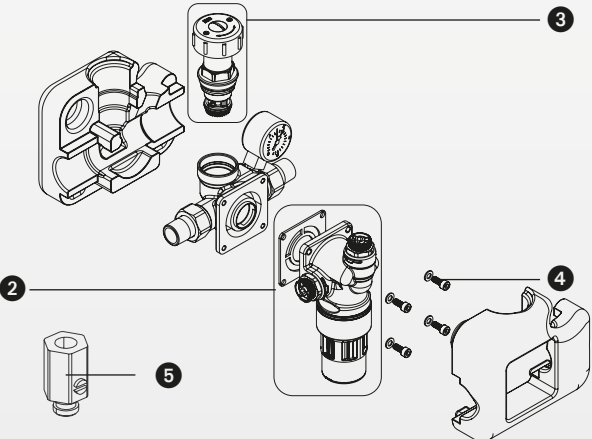
STBA 400



- 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.
DN 15	2.5 bar	1915.15.000
	3 bar	1915.15.001
DN 20	2.5 bar	1915.20.000
	3 bar	1915.20.001
DN 25	2.5 bar	1915.25.000
	3 bar	1915.25.001
DN 32	2.5 bar	1915.32.000
	3 bar	1915.32.001
DN 40	2.5 bar	1915.40.000
	3 bar	1915.40.001
DN 50	2.5 bar	1915.50.000
	3 bar	1915.50.001

type-tested 2.5 and 3 bar

Special settings

1915 (0.8-6 bar)	Order-No.
DN 15	1915.15.XXX
DN 20	1915.20.XXX
DN 25	1915.25.XXX
DN 32	1915.32.XXX
DN 40	1915.40.XXX
DN 50	1915.50.XXX

EG-type-examination tested

Special settings

6115 (0.5-0.7 bar, 6.1-10 bar)	Order-No.
DN 15	6115.15.XXX
DN 20	6115.20.XXX
DN 25	6115.25.XXX
DN 32	6115.32.XXX
DN 40	6115.40.XXX
DN 50	6115.50.XXX

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.

Exchange cartridge 1916

Body MS 58, approved component

2.5 bar

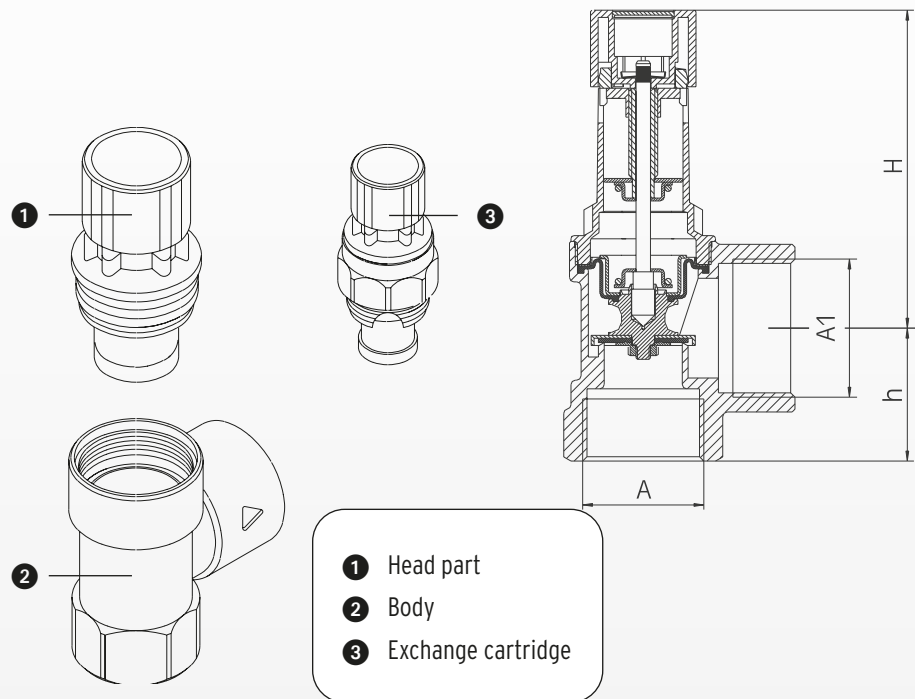
1916.15.000

3.0 bar

1916.15.001

Dimensions Nominal size

(mm)	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

	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Response pressure	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

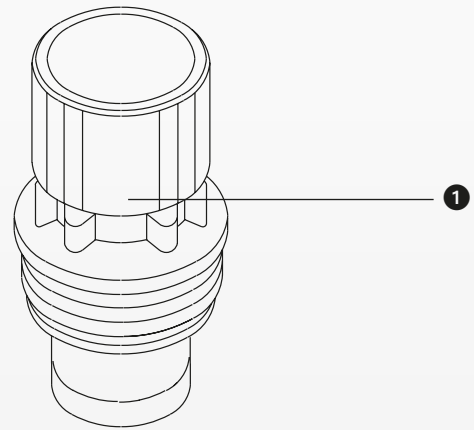
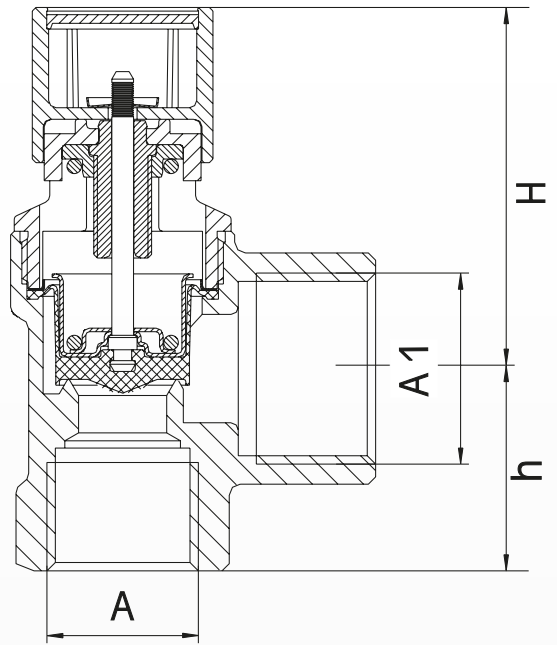
Min. operating temperature	-10 °C
Max. operating temperature	160 °C
Set pressure	2.5 bar, 3 bar, 4 bar and 6 bar
Fluid	water, neutral non-adhesive fluids, Glycol-water solution up to mixture ratio 1:1
Mounting position	preferably main axis vertical, inlet downstairs
Approval mark	TÜV-SV-20-1127-SOL-50-p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

Solar-Pressure Relief Valve 8115 Order-No.

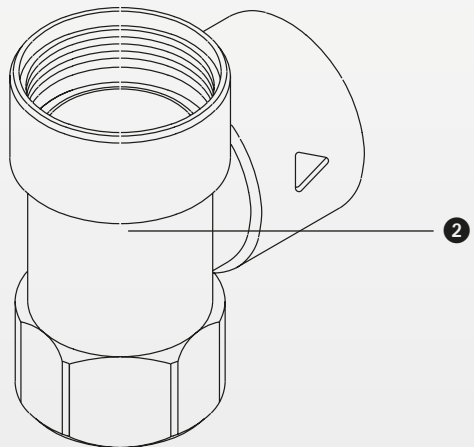
DN 15	2.5 bar	8115.15.000
	3 bar	8115.15.001
	4 bar	8115.15.002
	6 bar	8115.15.003
DN 20	2.5 bar	8115.20.000
	3 bar	8115.20.001
	4 bar	8115.20.002
	6 bar	8115.20.003

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



Pressure Relief Valve 1917

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



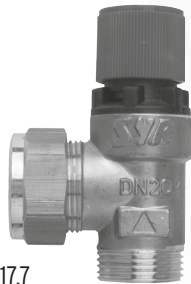
1917



1917.1



1917.6



1917.7

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.
DN 15	2.5 bar	1917.15.001
	3 bar	1917.15.000
DN 20	2.5 bar	1917.20.001
	3 bar	1917.20.000

Type 1917.1

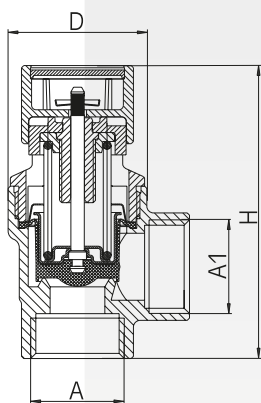
		Order-No.
DN 15	1.5 bar	1917.15.007
	2.5 bar	1917.15.003
	3 bar	1917.15.002

Type 1917.6

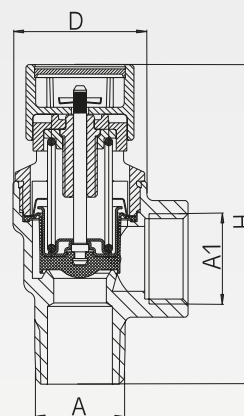
		Order-No.
DN 20	1.5 bar	1917.20.027
	2.5 bar	1917.20.015
	3 bar	1917.20.028
	3.5 bar	1917.20.029
	4 bar	1917.20.030
	4.5 bar	1917.20.031
	5 bar	1917.20.032

Type 1917.7

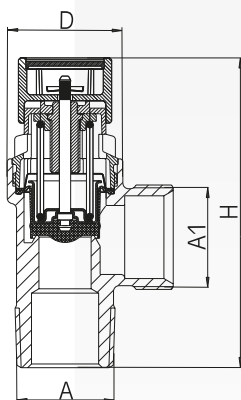
		Order-No.
DN 20	1.5 bar	1917.20.007
	2 bar	1917.20.016
	3 bar	1917.20.013



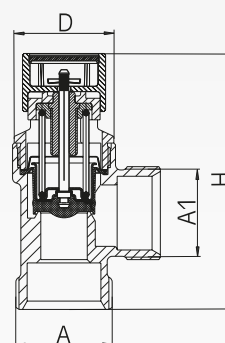
1917



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	DN 20 male	DN 20 male	DN 20 male
A1	DN 15 female	DN 20 female	DN 15 female	DN 20 male	DN 20 male	22 mm comp.	22 mm comp.	22 mm comp.
D	31	31	31	28	30	30	30	30
H	49	52	49	48	48	48	48	48
h	19	27	29	35	29	29	29	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.

932.1 with lock	0932.50.000
932.2 without lock	0932.50.001
932.5 compact model, with lock	0932.50.002

Spare parts

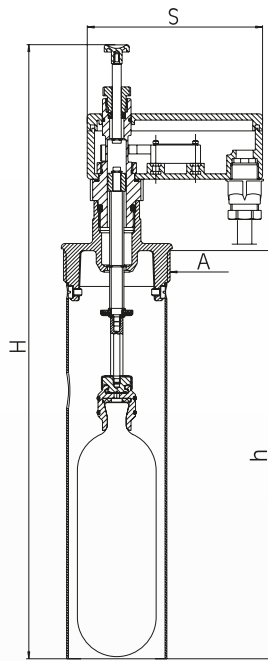
Order-No.

Switch unit	
Typ 932.1	0932.50.900
Typ 932.2	0932.50.907
Typ 932.5	0932.50.905
Glass float	
Typ 932.1 + 932.2	0933.20.906
Typ 932.5	0932.50.906
Float unit	
Typ 932.1 + 932.2	0932.50.901
Typ 932.5	0932.50.903
Microswitch	0933.20.912
Test pin	
Typ 932.1 + 932.2	0933.20.911
Typ 932.5	0932.50.904

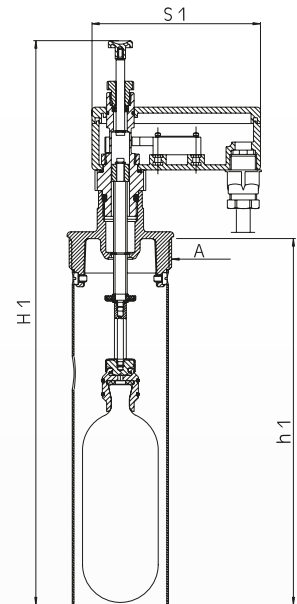
Water Level Limiter 932.1, 932.2 and 932.5

Dimensions (mm)

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

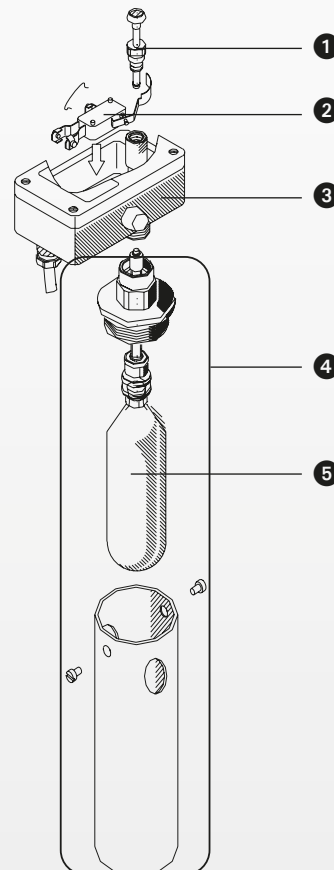


932.1 + 932.2



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.

933.1 with lock	0933.20.000
933.2 without lock	0933.20.001

Spare parts

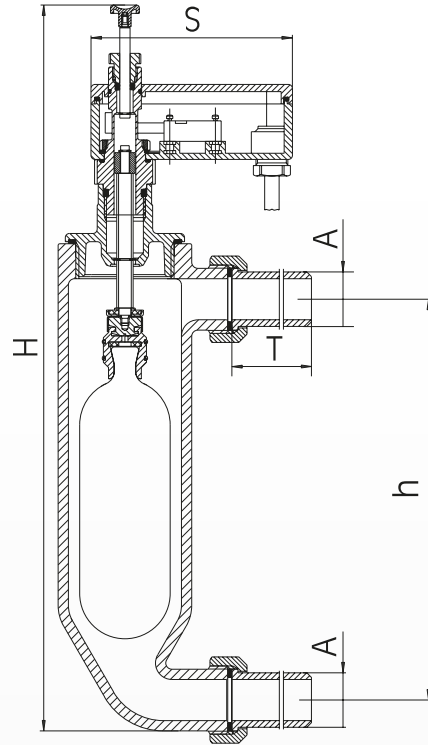
Order-No.

Switch unit	
Typ 933.1	0933.20.904
Typ 933.2	0933.20.905
Glass float	
Typ 933.1 + 933.2	0933.20.906
Float unit	
Typ 933.1 + 933.2	0933.20.910
Microswitch	0933.20.912
Test pin	0933.20.911
Water level limiter without body (for 933.1)	0933.20.900

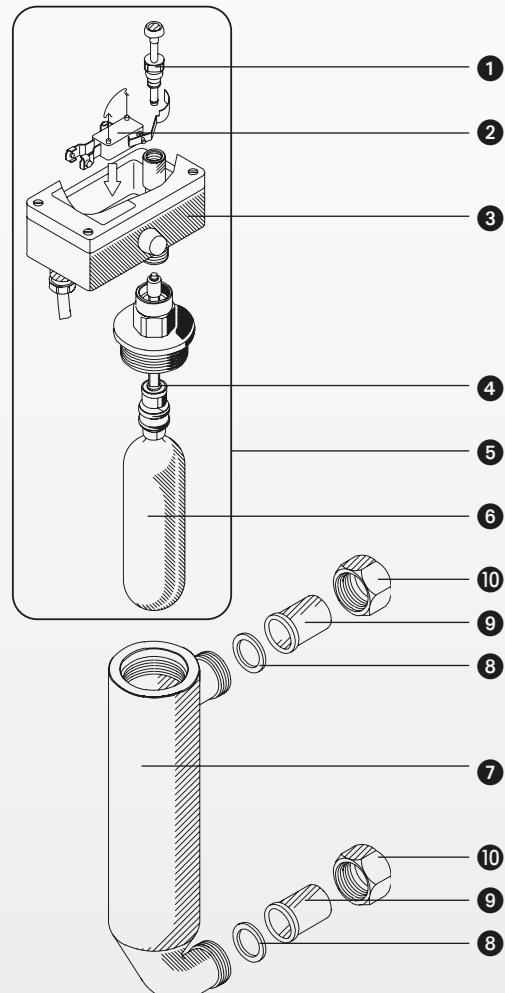
Water Level Limiter 933.1 and 933.2

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





CE 0085

SYR expert advice

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

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.

Technical specifications

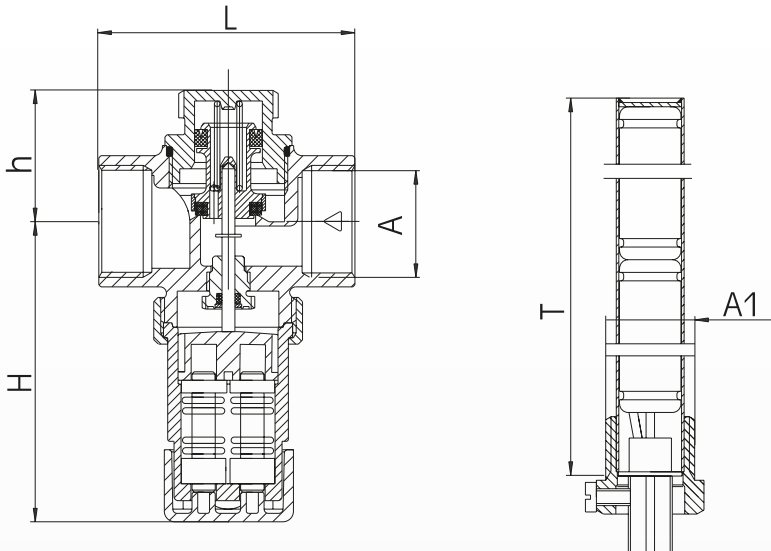
Max. operating pressure	10 bar
Max. operating temperature	150 °C
Set temperature	95 °C (special model 55°C)
Max. ambient temperature	70 °C
Mounting position	any
Capillary tube length	1.3 m (special model 5m)
Approval mark	TH 797

Thermal Safety Valve	Order-No.
3065 1.3 m capillary tube	3065.20.000
3065 5.0 m capillary tube	3065.20.001
3065 1.3 m capillary tube for 55 °C	3065.20.006

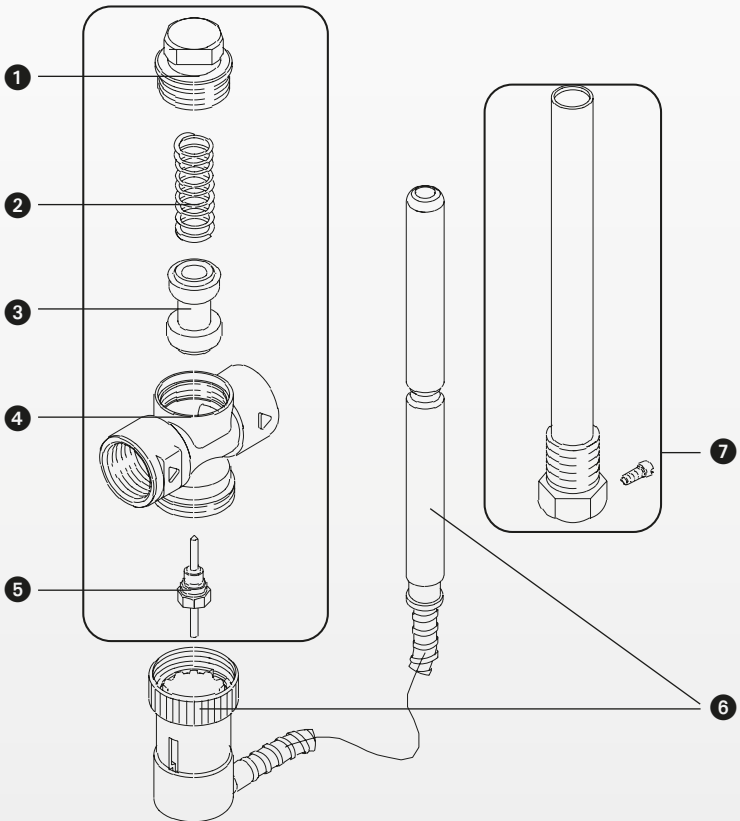
Spare parts	Order-No.
Screw cap	3065.20.909
Spring	3065.20.918
Piston	3065.20.921
Valve unit	3065.20.920
Stuffing box	3065.20.911
Temperature probe	
1.3 m capillary tube	3065.20.903
5.0 m capillary tube	3065.20.906
Immersion sleeve	3065.20.902

Dimensions (mm)

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

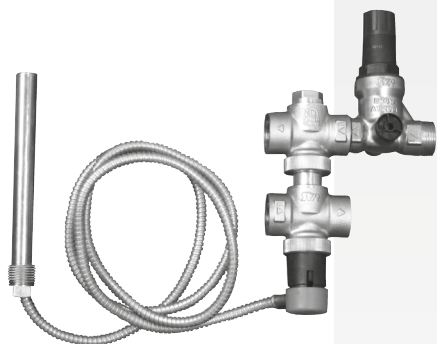


- 1 Screw cap
- 2 Spring
- 3 Piston
- 4 Valve body
- 5 Stuffing box
- 6 Temperature probe
- 7 Immersion sleeve



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.



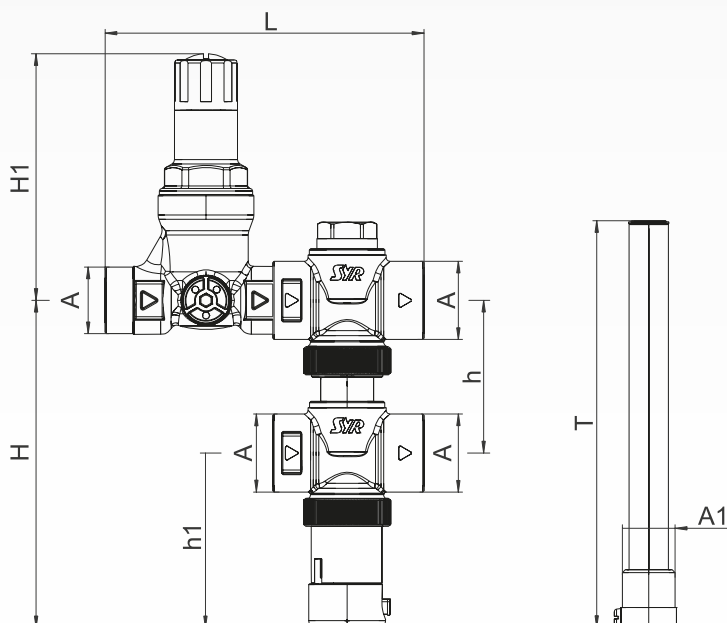
Technical specifications

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
DN 15, capillary tube	5067.20.000

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

DN 15	2128.15.000
DN 20	2128.20.000

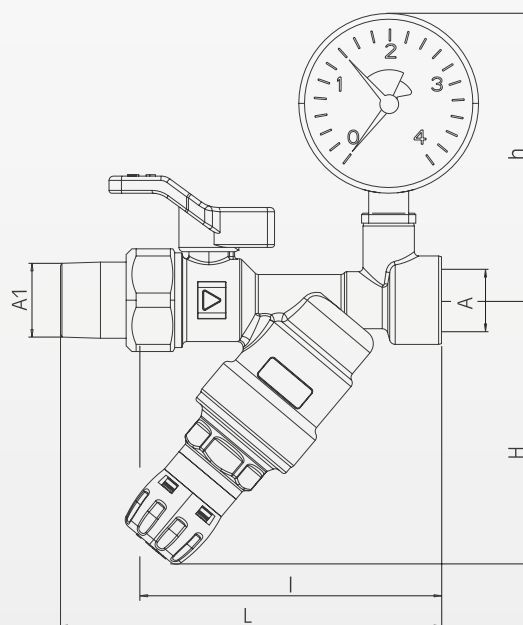
Order-No

Spare parts

Pressure reducing cartridge	0312.20.933
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Order-No.

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
l	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

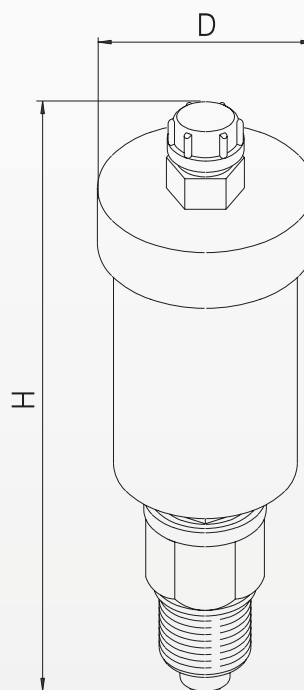
Max. operating pressure	10 bar
Max. operating temperature	110 °C
Fluid	heating water
Mounting position	vertical
Pipe connection	3/8"

Order-No.

Air Vent 62	0062.10.001
-------------	-------------

Dimensions (mm)

A	G 3/8"
H	101
D	38





Miscellaneous

Product overview	166
General terms and conditions of delivery and payment	183

Product overview by order numbers

Order-Nr.	Product name	Page	EAN-Code
0010.08.500	SYR Pressure gauge 10 for SG 323+324 G1/4 d.40mm nickel-plated	120	4017905000642
0011.08.000	SYR Pressure gauge 11 for SYRobloc SG 24+25 G1/4 0-10 bar d.63mm	74	4017905000598
0024.15.000	SYR Safety group 24 SYRobloc DN 15, G1/2 6 bar brass	114	4017905000154
0024.15.001	SYR Safety group 24 SYRobloc DN 15, G1/2 8 bar brass	114	4017905000758
0024.15.002	SYR Safety group 24 SYRobloc DN 15, G1/2 10 bar brass	114	4017905000765
0024.15.009	SYR Safety group 24 SYRobloc DN 15, G3/4 6 bar brass	114	4017905000819
0024.15.010	SYR Safety group 24 SYRobloc DN 15, G3/4 8 bar brass	114	4017905000826
0024.15.011	SYR Safety group 24 SYRobloc DN 15, G3/4 10 bar brass	114	4017905000833
0024.15.050	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 6 bar brass	110	4017905237338
0024.15.051	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 8 bar brass	110	4017905237345
0024.15.052	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 10 bar brass	110	4017905237352
0024.15.060	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 6 bar leadfree	112	4017905308885
0024.15.061	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 8 bar leadfree	112	4017905308892
0024.15.062	SYR Safety group 24 SYRobloc Plus DN 15, G1/2 10 bar leadfree	112	4017905308908
0024.15.900	SYR Shut-off device for SYRobloc Safety group 24+25 DN15	118	4017905057806
0024.15.912	SYR Double isolating valve for SafetyCenter 4807 from 2016	106	4017905203234
0024.15.913	SYR Double isolating valve for Safety group 24 SYRobloc Plus	110	4017905214087
0024.20.000	SYR Safety group 24 SYRobloc DN 20, G3/4 6 bar brass	114	4017905000024
0024.20.001	SYR Safety group 24 SYRobloc DN 20, G3/4 8 bar brass	114	4017905000871
0024.20.002	SYR Safety group 24 SYRobloc DN 20, G3/4 10 bar brass	114	4017905000888
0024.20.009	SYR Safety group 24 SYRobloc DN 20, G1 6 bar brass	114	4017905000932
0024.20.010	SYR Safety group 24 SYRobloc DN 20, G1 8 bar brass	114	4017905000949
0024.20.011	SYR Safety group 24 SYRobloc DN 20, G1 10 bar brass	114	4017905000956
0024.20.050	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 6 bar brass	110	4017905237369
0024.20.051	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 8 bar brass	110	4017905237376
0024.20.052	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 10 bar brass	110	4017905237383
0024.20.060	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 6 bar leadfree	112	4017905308915
0024.20.061	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 8 bar leadfree	112	4017905308922
0024.20.062	SYR Safety group 24 SYRobloc Plus DN 20, G3/4 10 bar leadfree	112	4017905308939
0024.20.901	SYR Check valve for SYRobloc Safety group 24+25 DN20	118	4017905058063
0024.20.902	SYR Shut-off valve for SYRobloc Safety group 24+25 DN20	118	4017905058070
0024.20.903	SYR Shut-off valve complete for SYRobloc Safety group 24+25 DN20	118	4017905055338
0025.15.000	SYR Safety group 25 SYRobloc DN 15, G1/2 6 bar brass	116	4017905000161
0025.15.001	SYR Safety group 25 SYRobloc DN 15, G1/2 8 bar brass	116	4017905000994
0025.15.002	SYR Safety group 25 SYRobloc DN 15, G1/2 10 bar brass	116	4017905001007
0025.15.009	SYR Safety group 25 SYRobloc DN 15, G3/4 6 bar brass	116	4017905001052
0025.15.010	SYR Safety group 25 SYRobloc DN 15, G3/4 8 bar brass	116	4017905001069
0025.15.011	SYR Safety group 25 SYRobloc DN 15, G3/4 10 bar brass	116	4017905001076
0025.15.050	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 6 bar brass	110	4017905237390
0025.15.051	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 8 bar brass	110	4017905237406
0025.15.052	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 10 bar brass	110	4017905237413
0025.15.060	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 6 bar leadfree	112	4017905309004
0025.15.061	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 8 bar leadfree	112	4017905309011
0025.15.062	SYR Safety group 25 SYRobloc Plus DN 15, G1/2 10 bar leadfree	112	4017905309028
0025.20.000	SYR Safety group 25 SYRobloc DN 20, G3/4 6 bar brass	116	4017905000031
0025.20.001	SYR Safety group 25 SYRobloc DN 20, G3/4 8 bar brass	116	4017905001120
0025.20.002	SYR Safety group 25 SYRobloc DN 20, G3/4 10 bar brass	116	4017905001137
0025.20.009	SYR Safety group 25 SYRobloc DN 20, G1 6 bar brass	116	4017905001182
0025.20.010	SYR Safety group 25 SYRobloc DN 20, G1 8 bar brass	116	4017905001199
0025.20.011	SYR Safety group 25 SYRobloc DN 20, G1 10 bar brass	116	4017905001205
0025.20.050	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 6 bar brass	110	4017905237420
0025.20.051	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 8 bar brass	110	4017905237437
0025.20.052	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 10 bar brass	110	4017905237444

Order-Nr.	Product name	Page	EAN-Code
0025.20.060	SYR Safety group 25 SYRobloc Plus 25.2 DN 20, G3/4 6 bar leadfree	112	4017905309035
0025.20.061	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 8 bar leadfree	112	4017905309042
0025.20.062	SYR Safety group 25 SYRobloc Plus DN 20, G3/4 10 bar leadfree	112	4017905309059
0034.15.011	SYR Safety group 34, DN 15, 6 bar	122	4017905183918
0034.15.012	SYR Safety group 34, DN 15, 8 bar	122	4017905183925
0034.15.013	SYR Safety group 34, DN 15, 10 bar	122	4017905183932
0034.20.005	SYR Safety group 34, DN 20, 10 bar	122	4017905183352
0034.20.006	SYR Safety group 34, DN 20, 6 bar	122	4017905183949
0034.20.007	SYR Safety group 34, DN 20, 8 bar	122	4017905183956
0062.10.001	SYR Automatic air vent 62 with isolating valve DN 10, G3/8	174	4017905000055
0065.15.002	SYR Vacuum breaker, 15 mm	102	4017905195188
0065.20.003	SYR Vacuum breaker, 22 mm	102	4017905168618
0214.00.005	SYR Triple tundish, DN 50	23	4017905298322
0214.00.902	SYR Tundish 214 for SG 24+25 from 6/99, inlet M28x1.5, outlet DN25	110	4017905034975
0214.00.908	SYR Tundish 214 complete for IT 3000 and LEX water softeners	26	4017905193092
0312.15.350	SYR Pressure reducing valve 312 compact DN 15, 1.5-6 bar, brass, female	80	4017905317801
0312.15.351	SYR Pressure reducing valve 312 compact C, DN 15, 1.5-6 bar, brass, comp. fitting	80	4017905317818
0312.15.900	SYR Pressure reducing valve cartridge 312 DN 10+15, 1.5-6 bar	118	4017905029780
0312.15.990	SYR Pressure reducing valve cartridge 312 compact, DN 15+20, 1.5-6 bar	80	4017905323024
0312.20.350	SYR Pressure reducing valve 312 compact DN 20, 1.5-6 bar, brass, female	80	4017905317832
0312.20.351	SYR Pressure reducing valve 312 compact C, DN 20, 1.5-6 bar, brass, comp. fitting	80	4017905317825
0312.20.927	SYR Pressure reducing valve cartridge 312 DN 10 - DN 20	118	4017905120050
0312.20.928	SYR Pressure reducing valve cartridge 312 for DUO 2314, DN 20+DN 25	58	4017905120067
0312.20.933	SYR Pressure reducing valve cartridge 312 for Filling group 2128	173	4017905130813
0312.25.066	SYR Pressure reducing valve 312 compact DN 25, 1.5-6 bar, brass, female	80	4017905222679
0315.15.000	SYR Pressure reducing valve 315 DN 15, 1.5-6 bar, Gunmetal	74	4017905000178
0315.15.009	SYR Pressure reducing valve 315.1 for SYRobloc DN 15, SG 24+25 1.5-6 bar brass	118	4017905007887
0315.15.056	SYR Pressure reducing valve 315 AB DN 15, 1.5-6 bar, Gunmetal	76	4017905123761
0315.15.220	SYR Pressure reducing valve 315.2, DN 15, 1.5-6 bar, with union connection	78	4017905314336
0315.15.900	SYR Pressure reducing valve cartridge for ConnectionCenter All-in-one	135	4017905047173
0315.15.924	SYR Pressure reducing cartridge DN 15 + 20	78	4017905140447
0315.15.931	SYR Pressure reducing valve cartridge for Safety group SYRobloc Plus	110	4017905238236
0315.15.932	SYR Pressure reducing valve DN 15 for Safety group SYRobloc Plus	110	4017905238243
0315.15.936	SYR Pressure reducing valve cartridge DN 15, one-piece	78	4017905314350
0315.20.000	SYR Pressure reducing valve 315 DN 20, 1.5-6 bar, Gunmetal	74	4017905000185
0315.20.005	SYR Pressure reducing valve 315.1 for SYRobloc DN 20, SG 24+25 1.5-6 bar brass	118	4017905029261
0315.20.056	SYR Pressure reducing valve 315 AB, DN 20, 1.5-6 bar, Gunmetal	76	4017905123778
0315.20.220	SYR Pressure reducing valve 315.2, DN 20, 1.5-6 bar, with union connection	78	4017905314312
0315.20.904	SYR Pressure reducing valve cartridge DN 20, one-piece	74	4017905041652
0315.20.910	SYR Pressure reducing valve cartridge for DUO HOT, DN 20+DN 25	60	4017905124416
0315.20.963	SYR Pressure reducing valve DN 20 for Safety group SYRobloc Plus	110	4017905238250
0315.20.965	SYR Pressure reducing valve DN 20 for Safety group SYRobloc Plus, leadfree	112	4017905308687
0315.20.966	SYR Pressure reducing valve cartridge DN 20, one-piece	78	4017905314367
0315.25.000	SYR Pressure reducing valve 315 DN 25, 1.5-6 bar, Gunmetal	74	4017905000192
0315.25.056	SYR Pressure reducing valve 315 AB DN 25, 1.5-6 bar, Gunmetal	76	4017905123785
0315.25.222	SYR Pressure reducing valve 315.2, DN 25, 1.5-6 bar, with union connection	78	4017905140409
0315.25.904	SYR Pressure reducing valve cartridge DN 25, one-piece	74	4017905041669
0315.25.924	SYR Pressure reducing valve cartridge DN 25, one-piece	78	4017905140454
0315.32.000	SYR Pressure reducing valve 315 DN 32, 1.5-6 bar, Gunmetal	74	4017905000208
0315.32.056	SYR Pressure reducing valve 315 AB DN 32, 1.5-6 bar, Gunmetal	76	4017905123792
0315.32.222	SYR Pressure reducing valve 315.2, DN 32, 1.5-6 bar, with union connection	78	4017905140416
0315.32.902	SYR Pressure reducing valve cartridge DN 32 - 50, one-piece	74	4017905056519
0315.32.924	SYR Pressure reducing valve cartridge DN 32 - 50, one-piece	78	4017905140461
0315.40.000	SYR Pressure reducing valve 315 DN 40, 1.5-6 bar, Gunmetal	74	4017905000215
0315.40.056	SYR Pressure reducing valve 315 AB DN 40, 1.5-6 bar, Gunmetal	76	4017905123808
0315.40.222	SYR Pressure reducing valve 315.2, DN 40, 1.5-6 bar, with union connection	78	4017905140423
0315.50.000	SYR Pressure reducing valve 315 DN 50, G2 1.5-6 bar, Gunmetal	74	4017905000222



Order-Nr.	Product name	Page	EAN-Code
0315.50.056	SYR Pressure reducing valve 315 AB DN 50, 1.5-6 bar, Gunmetal	76	4017905123815
0315.50.222	SYR Pressure reducing valve 315.2, DN 50, 1.5-6 bar, with union connection	78	4017905140430
0322.15.055	SYR Safety group 322 DN 15, 7 bar without siphon nickel-plated	120	4017905283854
0322.15.056	SYR Safety group 322.1 DN 15, 10 bar with siphon nickel-plated	120	4017905283861
0323.15.055	SYR Safety group 323 DN 15, 6 bar without mixing valve, nickel-plated	120	4017905264495
0323.15.900	SYR Warm water connection for Safety group 322-324 nickel-plated	120	4017905006255
0323.15.901	SYR Cold water connection for Safety group 322-324 nickel-plated	120	4017905006286
0323.15.908	SYR Unit connection for SG 323+324	120	4017905052887
0323.15.909	SYR Tube section for SG 323+324	120	4017905052894
0323.15.921	SYR Isolating unit for safety group 323 and 324	120	4017905264464
0323.15.922	SYR Siphon for safety group 323 and 324	120	4017905264471
0323.15.924	SYR Pressure relief valve complete for safety group 323 and 324, 6 bar	120	4017905286831
0323.15.925	SYR Pressure relief valve complete for safety group 323 and 324, 8 bar	120	4017905286848
0323.15.926	SYR Pressure relief valve complete for safety group 323 and 324, 10 bar	120	4017905286855
0324.15.055	SYR Safety group 324 DN 15, 6 bar without mixing valve, nickel-plated	120	4017905264501
0324.15.901	SYR pressure reducing valve as replacement set for 324 or retrofitting for 323	120	4017905264488
0330.15.100	SYR Safety group 0330, DN 15, brass, 6 bar	123	4017905137935
0330.15.101	SYR Safety group 0330, DN 15, brass, 8 bar	123	4017905139144
0330.15.102	SYR Safety group 0330, DN 15, brass, 10 bar	123	4017905184939
0330.20.000	SYR Safety group 0330, DN 20, 7 bar	123	4017905099240
0805.20.000	SYR Fitting set DN 20 for canister pump 3220	144	4017905175210
0805.20.902	SYR Connection for FillingCombi BA Plus and ConnectionCenter	137	4017905181464
0805.25.000	SYR Fitting set DN 25 for canister pump 3220	144	4017905175227
0805.32.000	SYR Fitting set DN 32 for canister pump 3220	144	4017905175234
0812.15.900	SYR Fitting G 1/2	74	4017905052900
0812.20.900	SYR Fitting G 3/4	74	4017905051637
0812.25.900	SYR Fitting G 1	74	4017905035149
0812.32.900	SYR Fitting G 1 1/4	74	4017905052917
0812.40.900	SYR Fitting G 1 1/2	74	4017905052924
0812.50.900	SYR Fitting G 2	74	4017905052931
0814.20.900	SYR Fitting G 3/4 complete	55	4017905127684
0816.20.900	SYR Screwed connection 3/4" (nut with 3/4")	95	4017905056274
0816.32.900	SYR Segment connection 1 1/4 complete male/female	55	4017905067027
0828.08.000	SYR Manometer plug	67	4017905062930
0932.50.000	SYR Water level meter 932.1 with interlock	166	4017905000239
0932.50.001	SYR Water level meter 932.2 without interlock	166	4017905033985
0932.50.002	SYR Water level meter 932.5 as WLM 932.1 however short installation length	166	4017905030052
0932.50.900	SYR Switch unit for Water level meter 932.1	166	4017905006439
0932.50.901	SYR Complete float for Water level meter 932.1+932.2	166	4017905006453
0932.50.903	SYR Complete float for Water level meter 932.5	166	4017905090087
0932.50.904	SYR Test sensor for Water level meter 932.5	166	4017905090094
0932.50.905	SYR Switch unit for Water level meter 932.5	166	4017905090100
0932.50.906	SYR Glass float for Water level meter 932.5	166	4017905057011
0932.50.907	SYR Switch unit for Water level meter 932.2	166	4017905111836
0933.20.000	SYR Water level meter 933.1 with interlock	168	4017905006477
0933.20.001	SYR Water level meter 933.2 without interlock	168	4017905006491
0933.20.900	SYR Water level meter 933.1 Retrofit kit without housing	168	4017905006514
0933.20.904	SYR Switch unit for Water level meter 933.1	168	4017905006507
0933.20.905	SYR Switch unit for Water level meter 933.2	168	4017905058223
0933.20.906	SYR Glass float for Water level meter 932.1+932.2+933.1+933.2	166	4017905006446
0933.20.910	SYR Complete float for Water level meter 933.1+933.2	168	4017905006521
0933.20.911	SYR Test sensor for Water level meter 932.1+932.2+933.1+933.2	166	4017905006460
0933.20.912	SYR Microswitch for Water level meter 932+933	166	4017905006484
1500.00.010	SYR Single water softener LEX Connect 10	32	4017905175067
1500.00.012	SYR Alternating water softener LEX Connect 10	40	4017905176934
1500.00.015	SYR Triple Water softener LEX Connect T1	44	4017905182096
1500.00.020	SYR Single water softener LEX Connect 20	32	4017905175074



Order-Nr.	Product name	Page	EAN-Code
1500.00.022	SYR Alternating water softener LEX Connect 20	40	4017905176958
1500.00.025	SYR Triple Water softener LEX Connect T2	44	4017905182102
1500.00.030	SYR Single water softener LEX Connect 30	32	4017905175081
1500.00.032	SYR Alternating water softener LEX Connect 30	40	4017905176972
1500.00.035	SYR Triple Water softener LEX Connect T3	44	4017905182119
1500.00.040	SYR Single water softener LEX 1500 Connect 40	34	4017905211673
1500.00.042	SYR Alternating water softener LEX Connect 40	42	4017905219143
1500.00.045	SYR Triple Water softener LEX Connect T4	44	4017905191630
1500.00.055	SYR Triple Water softener LEX Connect T5	44	4017905237703
1500.00.060	SYR Single water softener LEX 1500 Connect 60	34	4017905211697
1500.00.062	SYR Alternating water softener LEX Connect 60	42	4017905219167
1500.00.080	SYR Single water softener LEX 1500 Connect 80	34	4017905211710
1500.00.082	SYR Alternating water softener LEX Connect 80	42	4017905219181
1500.00.100	SYR Single water softener LEX 1500 Connect 100	34	4017905211734
1500.00.102	SYR Alternating water softener LEX Connect 100	42	4017905219204
1500.00.900	SYR Control head for Triple Water softener LEX Connect T5	44	4017905298094
1500.00.901	SYR Salt container for LEX Connect 20 + 30	32	4017905175807
1500.00.903	SYR Control head for LEX Connect 10	32	4017905175821
1500.00.904	SYR Sealing material for LEX Connect	32	4017905175838
1500.00.905	SYR Flexible connecting hoses for LEX Connect	32	4017905175845
1500.00.906	SYR Connect control for LEX Connect 10	32	4017905176118
1500.00.907	SYR Connect control for LEX Connect 20	32	4017905176125
1500.00.908	SYR Connect control for LEX Connect 30	32	4017905176132
1500.00.912	SYR Cover with lid for LEX Connect	32	4017905176316
1500.00.913	SYR Salt container for LEX Connect 10	32	4017905176323
1500.00.914	SYR Connect control for duplex water softener LEX Connect 10	36	4017905176996
1500.00.915	SYR Connect control for duplex water softener LEX Connect 20	36	4017905177009
1500.00.916	SYR Connect control for duplex water softener LEX Connect 30	36	4017905177016
1500.00.920	SYR Control head for LEX Connect 20	32	4017905181174
1500.00.921	SYR Control head for LEX Connect 30	32	4017905181181
1500.00.922	SYR Maintenance case for LEX 1500 Connect	36	4017905188272
1500.00.923	SYR Lid for cover for LEX Connect	32	4017905193146
1500.00.926	SYR Resin bottle 10l for LEX Connect 10	32	4017905200363
1500.00.927	SYR Resin bottle 20l for LEX Connect 20 and LEX T1	32	4017905200370
1500.00.928	SYR Resin bottle 30l for LEX Connect 30 and LEX T2	32	4017905200387
1500.00.929	SYR John-Guest-connecting angle for LEX Connect	32	4017905202749
1500.00.930	SYR Maintenance kit for LEX Connect	32	4017905204477
1500.00.932	SYR Salt container for Triple Water softener LEX Connect T2	44	4017905205399
1500.00.933	SYR Salt container for Triple Water softener LEX Connect T3 and T4	44	4017905205405
1500.00.934	SYR Control head for alternating water softener LEX Connect 10	40	4017905205818
1500.00.935	SYR Control head for alternating water softener LEX Connect 20	40	4017905205825
1500.00.936	SYR Control head for alternating water softener LEX Connect 30	40	4017905205832
1500.00.937	SYR Control head for Triple Water softener LEX Connect T3	44	4017905205849
1500.00.938	SYR Control head for Triple Water softener LEX Connect T4	44	4017905205856
1500.00.939	SYR Resin bottle 60l for Triple Water softener LEX Connect T3	44	4017905205863
1500.00.940	SYR Resin bottle 90l for Triple Water softener LEX Connect T4	44	4017905205870
1500.00.941	SYR Connect Control for Triple Water softener LEX Connect T1	44	4017905205887
1500.00.942	SYR Connect Control for Triple Water softener LEX Connect T2	44	4017905205894
1500.00.943	SYR Connect Control for Triple Water softener LEX Connect T3	44	4017905205900
1500.00.944	SYR Connect Control for Triple Water softener LEX Connect T4	44	4017905205917
1500.00.945	SYR Cover control head for LEX Connect	32	4017905211017
1500.00.947	SYR Blending valve for triple distributor	36	4017905218443
1500.00.948	SYR Power plug for LEX Connect with plastics display	32	4017905218481
1500.00.950	SYR Blending valve for dual manifold for alternating water softener LEX Connect	42	4017905218900
1500.00.951	SYR Connect Control for alternating water softener LEX Connect 10	40	4017905219518
1500.00.953	SYR Connect Control for alternating water softener LEX Connect 20	40	4017905219532

Order-Nr.	Product name	Page	EAN-Code
1500.00.955	SYR Connect Control for alternating water softener LEX Connect 30	40	4017905219556
1500.00.964	SYR Motor with cable loom for LEX Connect	32	4017905219709
1500.00.965	SYR Chlorine cell for LEX Connect	32	4017905221894
1500.00.967	SYR Salt container for Triple Water softener LEX Connect T1	44	4017905241700
1500.00.968	SYR Optical eye for LEX Connect	32	4017905248648
1500.00.982	SYR Belimo shut-off-valve for LEX Connect alternating & T-water softener	40	4017905275323
1500.00.986	SYR Control box for LEX Connect alternating & T-water softener	40	4017905275347
1500.00.987	SYR Resin bottle 125l for Triple Water softener LEX Connect T5	44	4017905290739
1500.00.988	SYR Salt container for Triple Water softener LEX Connect T5	44	4017905290746
1500.00.998	SYR Disinfectant for water softeners	31	4017905278218
1500.00.999	SYR Connect Control for Triple Water softener LEX Connect T5	44	4017905279758
1500.01.010	SYR Single water softener LEX Plus 10 Connect	26	4017905224031
1500.01.011	SYR Single water softener LEX Plus 10 S Connect	28	4017905271264
1500.01.012	SYR Single water softener LEX Plus 10 SL Connect	30	4017905272551
1500.01.013	SYR Connection fitting garden for NeoSoft 5000 Connect	23	4017905293365
1500.01.900	SYR Maintenance set for LEX Plus 10 / S / SL Connect	26	4017905232760
1500.01.901	SYR control head complete for LEX Plus 10 Connect	26	4017905232777
1500.01.902	SYR Drive piston complete zur LEX Plus 10 / S / SL Connect	26	4017905232784
1500.01.903	SYR Drive unit complete zur LEX Plus 10 / S / SL Connect	26	4017905232791
1500.01.904	SYR Resin bottle complete for LEX Plus 10 / S / SL Connect	26	4017905232807
1500.01.905	SYR Filling level unit for LEX Plus 10 / S / SL Connect	26	4017905232814
1500.01.906	SYR Control unit complete for LEX Plus 10 Connect	26	4017905232821
1500.01.907	SYR Cabinet cover for LEX Plus 10 / S / SL Connect	26	4017905232838
1500.01.908	SYR Cabinet for LEX Plus 10 / S / SL Connect	26	4017905232845
1500.01.911	SYR Wiring harness brine pipe for LEX Plus 10 / S / SL Connect	26	4017905232876
1500.01.912	SYR Wiring harness control head for LEX Plus 10 / S / SL Connect	26	4017905232883
1500.01.913	SYR Wiring harness blending valve for LEX Plus 10 Connect	26	4017905232890
1500.01.914	SYR Board control head for LEX Plus 10 / S / SL Connect	26	4017905232906
1500.01.915	SYR Power supply for water softeners, SafeTech, SafeTech+ and HygBox	18	4017905232913
1500.01.916	SYR Bypass- and blending valve for LEX Plus 10 Connect	26	4017905232920
1500.01.917	SYR Pressure sensor for LEX Plus 10 Connect	26	4017905232937
1500.01.918	SYR Reed-contact for LEX Plus 10 Connect	26	4017905232944
1500.01.919	SYR Turbine for LEX Plus 10 Connect	26	4017905232951
1500.01.920	SYR Chlorinator for LEX Plus 10 / S / SL Connect	26	4017905232968
1500.01.921	SYR Sealing set for LEX Plus 10 / S / SL Connect	26	4017905232975
1500.01.922	SYR Magnetic valve for LEX Plus 10 / S / SL Connect	26	4017905232982
1500.01.928	SYR Adapter connection for hose extension for LEX Plus 10 / S / SL Connect	26	4017905259682
1500.01.929	SYR Armoured hose for LEX Plus 10 / S / SL Connect	26	4017905259590
1500.01.935	SYR Extension for flat cable 1.5 m for LEX Plus 10 Connect (DVGW)	26	4017905263023
1500.01.940	SYR Sealing kit for LEX Plus 10 / S / SL Connect (DVGW)	26	4017905271035
1500.01.941	SYR Sandwich blending valve for LEX Plus 10 S Connect	28	4017905272025
1500.01.944	SYR Resin bottle 8.8L with control head for LEX Plus 10 Connect (DVGW)	26	4017905272285
1500.01.945	SYR Piston plate for LEX Plus 10 / S / SL Connect (DVGW)	26	4017905273411
1500.01.946	SYR Lid for Cover for all LEX Connect devices	26	4017905273664
1500.01.947	SYR Control unit complete for LEX Plus 10 S Connect	28	4017905274111
1500.01.948	SYR LED as spare part for LEX Plus 10 Connect (DVGW)	26	4017905274623
1500.01.950	SYR Control head complete for LEX Plus 10 S + SL Connect	28	4017905275361
1500.01.951	SYR Long armoured hose set 1.85m with cable for LEX Plus 10 Connect	26	4017905276764
1500.01.952	SYR Long armoured hose set 1.85m for LEX Plus 10 S + SL Connect	28	4017905276771
1500.01.953	SYR Turbine control head for LEX Plus 10 Connect (DVGW)	26	4017905276931
1500.01.955	SYR Control unit complete for LEX Plus 10 SL Connect	31	4017905279833
1500.01.956	SYR Sandwich connecting valve with leakage protection for LEX Plus 10 SL Connect	31	4017905279840
1500.01.966	SYR Armored hose set (angle 1.85 m) for NeoSoft 5000 Connect	23	4017905302432
1500.02.010	SYR Duplex Water softener LEX Connect LEX 10	36	4017905204576
1500.02.020	SYR Duplex Water softener LEX Connect LEX 20	36	4017905204583
1500.02.030	SYR Duplex Water softener LEX Connect LEX 30	36	4017905204590
1500.02.040	SYR Duplex Water softener LEX Connect LEX 40	38	4017905218801

Order-Nr.	Product name	Page	EAN-Code
1500.02.060	SYR Duplex Water softener LEX Connect LEX 60	38	4017905218825
1500.02.080	SYR Duplex Water softener LEX Connect LEX 80	38	4017905218849
1500.02.100	SYR Duplex Water softener LEX Connect LEX 100	38	4017905218863
1500.32.000	SYR Double flange with isolating valve, DN 32	57	4017905269759
1500.40.000	SYR Double flange with isolating valve, DN 40	57	4017905269766
1500.50.000	SYR Double flange with isolating valve, DN 50	57	4017905269773
1700.00.001	SYR Shut off- and bypass valve for LEX Connect water softeners	32	4017905177931
1700.00.002	SYR Shut off- and bypass valve for LEX-T Connect and Duplex water softeners	40	4017905205368
1915.15.000	SYR Pressure relief valve 1915 DN 15, 2.5 bar	160	4017905000017
1915.15.001	SYR Pressure relief valve 1915 DN 15, 3 bar	160	4017905006538
1915.15.XXX	SYR Pressure relief valve 1915 DN 15, special setting	160	
1915.20.000	SYR Pressure relief valve 1915 DN 20, 2.5 bar	160	4017905006552
1915.20.001	SYR Pressure relief valve 1915 DN 20, 3 bar	160	4017905006569
1915.20.XXX	SYR Pressure relief valve 1915 DN 20, special setting	160	
1915.25.000	SYR Pressure relief valve 1915 DN 25, 2.5 bar	160	4017905006583
1915.25.001	SYR Pressure relief valve 1915 DN 25, 3 bar	160	4017905006590
1915.25.XXX	SYR Pressure relief valve 1915 DN 25, special setting	160	
1915.32.000	SYR Pressure relief valve 1915 DN 32, 2.5 bar	160	4017905006606
1915.32.001	SYR Pressure relief valve 1915 DN 32, 3 bar	160	4017905006613
1915.32.XXX	SYR Pressure relief valve 1915 DN 32, special setting	160	
1915.40.000	SYR Pressure relief valve 1915 DN 40, 2.5 bar	160	4017905006644
1915.40.001	SYR Pressure relief valve 1915 DN 40, 3 bar	160	4017905006651
1915.40.XXX	SYR Pressure relief valve 1915 DN 40, special setting	160	
1915.50.000	SYR Pressure relief valve 1915 DN 50, 2.5 bar	160	4017905006675
1915.50.001	SYR Pressure relief valve 1915 DN 50, 3 bar	160	4017905006699
1915.50.XXX	SYR Pressure relief valve 1915 DN 50, special setting	160	
1916.15.000	SYR Cartridge 1916 for MSV 1915 DN 15, 2.5 bar	161	4017905006705
1916.15.001	SYR Cartridge 1916 for MSV 1915 DN 15, 3 bar	161	4017905006620
1917.15.000	SYR Pressure relief valve 1917 DN 15, 3 bar	164	4017905006637
1917.15.001	SYR Pressure relief valve 1917 DN 15, 2.5 bar	164	4017905006668
1917.15.002	SYR Pressure relief valve 1917.1 DN 15, 3 bar	164	4017905059503
1917.15.003	SYR Pressure relief valve 1917.1 DN 15, 2.5 bar	164	4017905056670
1917.15.007	SYR Pressure relief valve 1917.1 DN 15, 1.5 bar	164	
1917.20.000	SYR Pressure relief valve 1917 DN 20, 3 bar	164	4017905006682
1917.20.001	SYR Pressure relief valve 1917 DN 20, 2.5 bar	164	4017905006712
1917.20.007	SYR Pressure relief valve 1917.7 DN 20, 1.5 bar	164	4017905047692
1917.20.013	SYR Pressure relief valve 1917.7 DN 20, 3 bar	164	4017905041850
1917.20.015	SYR Pressure relief valve 1917.6 DN 20, 2.5 bar	164	4017905055888
1917.20.016	SYR Pressure relief valve 1917.7 DN 20, 2 bar	164	4017905059510
1917.20.027	SYR Pressure relief valve 1917.6 DN 20, 1.5 bar	164	4017905138789
1917.20.028	SYR Pressure relief valve 1917.6 DN 20, 3 bar	164	4017905138796
1917.20.029	SYR Pressure relief valve 1917.6 DN 20, 3.5 bar	164	4017905138802
1917.20.030	SYR Pressure relief valve 1917.6 DN 20, 4 bar	164	4017905138819
1917.20.031	SYR Pressure relief valve 1917.6 DN 20, 4.5 bar	164	4017905138826
1917.20.032	SYR Pressure relief valve 1917.6 DN 20, 5 bar	164	4017905138833
2000.00.906	SYR Pressure gauge for DWU-Flange 2000 Plus G1/4 0-10 bar	55	4017905032667
2000.00.907	SYR Pressure gauge for DWU-Flange 2000 Plus G1/4 0-25 bar	55	4017905032674
2000.00.910	SYR Check valve complete for DWU 2000 Plus	55	4017905092098
2000.00.920	SYR Isolating valve for DWU 2000 Plus	55	4017905176491
2000.20.015	SYR DWU-Flange 2000, DN 20	54	4017905034005
2000.25.015	SYR DWU-Flange 2000, DN 25	54	4017905034036
2000.25.907	SYR Assembly key for filter cup Drufi+ DN20 - 32	50	4017905169431
2000.32.015	SYR DWU-Flange 2000, DN 32	54	4017905034067
2115.15.000	SYR Pressure relief valve 2115 DN 15 6 bar brass	126	4017905000284
2115.15.001	SYR Pressure relief valve 2115 DN 15 8 bar brass	126	4017905007108
2115.15.002	SYR Pressure relief valve 2115 DN 15 10 bar brass	126	4017905007115
2115.15.200	SYR Pressure relief valve 2115 DN 15 6 bar stainless, brass	126	4017905061728



Order-Nr.	Product name	Page	EAN-Code
2115.15.201	SYR Pressure relief valve 2115 DN 15 8 bar stainless, brass	126	4017905061735
2115.15.202	SYR Pressure relief valve 2115 DN 15 10 bar stainless, brass	126	4017905061742
2115.15.XXX	SYR Pressure relief valve 2115 DN 15, special setting	127	
2115.20.000	SYR Pressure relief valve 2115 DN 20 6 bar brass	126	4017905000291
2115.20.001	SYR Pressure relief valve 2115 DN 20 8 bar brass	126	4017905007191
2115.20.002	SYR Pressure relief valve 2115 DN 20 10 bar brass	126	4017905007207
2115.20.015	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 6 bar stainless, brass	118	4017905007221
2115.20.016	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 8 bar stainless, brass	118	4017905007238
2115.20.017	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 10 bar stainless, brass	118	4017905007245
2115.20.073	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 6 bar stainless, leadfree	112	4017905300896
2115.20.074	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 8 bar stainless, leadfree	112	4017905300902
2115.20.075	SYR Exchange-PRV 2115.1 f. SG 24+25 DN 20 10 bar stainless, leadfree	112	4017905300919
2115.20.200	SYR Pressure relief valve 2115 DN 20, 6 bar stainless, brass	126	4017905061759
2115.20.201	SYR Pressure relief valve 2115 DN 20, 8 bar stainless, brass	126	4017905061766
2115.20.202	SYR Pressure relief valve 2115 DN 20, 10 bar stainless, brass	126	4017905061773
2115.20.XXX	SYR Pressure relief valve 2115 DN 20, special setting	127	
2115.25.000	SYR Pressure relief valve 2115 DN 25, 6 bar, brass	126	4017905006842
2115.25.001	SYR Pressure relief valve 2115 DN 25, 8 bar, brass	126	4017905006859
2115.25.002	SYR Pressure relief valve 2115 DN 25, 10 bar, brass	126	4017905006866
2115.25.XXX	SYR Pressure relief valve 2115 DN 25, special setting	127	
2115.32.000	SYR Pressure relief valve 2115 DN 32, 6 bar, brass	126	4017905006873
2115.32.001	SYR Pressure relief valve 2115 DN 32, 8 bar, brass	126	4017905006880
2115.32.002	SYR Pressure relief valve 2115 DN 32, 10 bar, brass	126	4017905006897
2115.32.XXX	SYR Pressure relief valve 2115 DN 32, special setting	127	
2115.40.000	SYR Pressure relief valve 2115 DN 40, 6 bar, brass	126	4017905006910
2115.40.001	SYR Pressure relief valve 2115 DN 40, 8 bar, brass	126	4017905006927
2115.40.002	SYR Pressure relief valve 2115 DN 40, 10 bar, brass	126	4017905006934
2115.40.XXX	SYR Pressure relief valve 2115 DN 40, special setting	127	
2115.50.000	SYR Pressure relief valve 2115 DN 50, 6 bar, brass	126	4017905006941
2115.50.001	SYR Pressure relief valve 2115 DN 50, 8 bar, brass	126	4017905006958
2115.50.002	SYR Pressure relief valve 2115 DN 50, 10 bar, brass	126	4017905006965
2115.50.XXX	SYR Pressure relief valve 2115 DN 50, special setting	127	
2116.20.000	SYR PRV-exchange cartridge 2116 DN 15+20 6 bar, brass	127	4017905000277
2116.20.001	SYR PRV-exchange cartridge 2116 DN 15+20 8 bar, brass	127	4017905007009
2116.20.002	SYR PRV-exchange cartridge 2116 DN 15+20 10 bar, brass	127	4017905007047
2116.20.060	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 6 bar	104	4017905069632
2116.20.061	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 8 bar	104	4017905058247
2116.20.062	SYR PRV-exchange cartridge 2116 for Safety Center 4807, 10 bar	104	4017905058254
2117.15.000	SYR Pressure relief valve 2117 DN 15, 6 bar, brass	128	4017905006972
2117.15.001	SYR Pressure relief valve 2117 DN 15, 8 bar, brass	128	4017905007016
2117.15.002	SYR Pressure relief valve 2117 DN 15, 10 bar, brass	128	4017905007023
2117.15.200	SYR Pressure relief valve 2117.11 DN 15, brass	128	
2117.20.000	SYR Pressure relief valve 2117 DN 20, 6 bar, brass	128	4017905007030
2117.20.001	SYR Pressure relief valve 2117 DN 20, 8 bar, brass	128	4017905007054
2117.20.002	SYR Pressure relief valve 2117 DN 20, 10 bar, brass	128	4017905007276
2117.20.200	SYR Pressure relief valve 2117.11 DN 20, brass	128	
2128.15.000	SYR Filling group 2128 DN 15	173	4017905007290
2128.20.000	SYR Filling group 2128 DN 20	173	4017905026130
2303.15.053	SYR P&T valve with male thread, DN 15, 3 bar	129	4017905271721
2303.15.054	SYR P&T valve with male thread, DN 15, 4 bar	129	4017905271738
2303.15.056	SYR P&T valve with male thread, DN 15, 6 bar	129	4017905271745
2303.15.057	SYR P&T valve with male thread, DN 15, 7 bar	129	4017905271752
2303.15.058	SYR P&T valve with male thread, DN 15, 8 bar	129	4017905271769
2303.15.060	SYR P&T valve with male thread, DN 15, 10 bar	129	4017905271776
2303.20.024	SYR P&T valve with male thread and second connection, DN 20	129	4017905171267
2303.20.053	SYR P&T valve with male thread, DN 20, 3 bar	129	4017905271660
2303.20.054	SYR P&T valve with male thread, DN 20, 4 bar	129	4017905271677



Order-Nr.	Product name	Page	EAN-Code
2303.20.056	SYR P&T valve with male thread, DN 20, 6 bar	129	4017905271684
2303.20.057	SYR P&T valve with male thread, DN 20, 7 bar	129	4017905271691
2303.20.058	SYR P&T valve with male thread, DN 20, 8 bar	129	4017905271707
2303.20.060	SYR P&T valve with male thread, DN 20, 10 bar	129	4017905271714
2303.25.XXX	SYR P&T valve with female thread, DN 25	129	
2303.32.XXX	SYR P&T valve with female thread, DN 32	129	
2303.40.XXX	SYR P&T valve with female thread, DN 40	129	
2303.50.XXX	SYR P&T valve with female thread, DN 50	129	
2312.00.3XX	SYR Safety inlet control group 2312, 22 mm	126	
2312.20.2XX	SYR Safety group Multibloc 2312, 22 mm	124	
2314.00.903	SYR O-Ring for Filter cup for DUO HOT	60	4017905121651
2314.00.904	SYR Assembly key for filter cup for DUO HOT DFR/FR	60	4017905122726
2314.00.905	SYR Filter cup for DUO HOT DFR/FR	60	4017905124812
2314.00.907	SYR Pressure gauge for DUO HOT DFR/FR	60	4017905124409
2314.20.000	SYR Pressure reducing valve/Backwash filter DUO 2314 DFR, DN 20	58	4017905115353
2314.20.001	SYR Backwash filter DUO 2314 FR, DN 20	58	4017905115360
2314.20.004	SYR Pressure reducing valve/Backwash filter DUO HOT 2314 DFR, DN 20	60	4017905124072
2314.20.005	SYR Pressure reducing valve/Backwash filter DUO HOT 2314 DFR, DN 25	60	4017905124089
2314.25.000	SYR Pressure reducing valve/Backwash filter DUO 2314 DFR, DN 25	58	4017905115377
2314.25.001	SYR Backwash filter DUO 2314 FR, DN 25	58	4017905115384
2314.25.004	SYR Backwash filter DUO 2314 FR HOT, DN 20	60	4017905124096
2314.25.005	SYR Backwash filter DUO 2314 FR HOT, DN 25	60	4017905124102
2315.00.071	SYR Combination flange DN20 - DN32	56	4017905109222
2315.00.920	SYR Drain plug for Domestic water unit 2000 Plus	55	4017905165761
2315.00.929	SYR Valve body for Drufi+ FR	51	4017905167826
2315.00.930	SYR Filter for Drufi+ DFR/FR	51	4017905167789
2315.00.931	SYR Flange seal	51	4017905027281
2315.00.932	SYR Guide sleeve for Drufi+ FR	51	4017905180917
2315.00.944	SYR Flange seal with screws for Drufi+ max	53	4017905052993
2315.00.961	SYR Spring for Drufi+ DFR/FR	51	4017905167758
2315.01.200	SYR Pressure reducing valve/Backwash filter Drufi+ 2315 DFR, int.	50	4017905240215
2315.01.201	SYR Backwash filter Drufi+ 2315 FR, int.	50	4017905240222
2315.01.202	SYR Pressure reducing valve/Backwash filter Drufi+ max 2315 DFR, int.	52	4017905240239
2315.01.203	SYR Backwash filter Drufi+ max 2315 FR, int.	52	4017905240246
2315.01.911	SYR Blanking cup for all Universal Flanges DN32 - DN 50	57	4017905258432
2315.01.914	SYR Filter cup for Drufi+ DFR up to 2015	51	4017905175913
2315.01.915	SYR Filter cup for Drufi+ FR	51	4017905175920
2315.01.918	SYR Valve body for Drufi+ DFR	51	4017905175951
2315.01.919	SYR Cover for Drufi+	51	4017905176170
2315.01.920	SYR Pressure gauge 0 - 10 bar for Drufi+ DFR	51	4017905176187
2315.01.922	SYR O-Ring for filter cup for Drufi+	51	4017905176200
2315.01.923	SYR Backwash knob for Drufi+ DFR/FR	51	4017905176217
2315.01.924	SYR Angle tundish for Drufi+ DFR/FR and max	51	4017905176286
2315.01.925	SYR Pressure reducing cartridge für Drufi+ DFR up to 2015	51	4017905176910
2315.01.927	SYR Assembly key for filter cup for Drufi+ max DFR/FR	53	4017905196000
2315.01.930	SYR Pressure gauge for Drufi+ max DFR	53	4017905192903
2315.01.931	SYR Valve body complete for Drufi+ max	53	4017905192804
2315.01.932	SYR Filter insert for Drufi+ max	53	4017905192811
2315.01.933	SYR Guide sleeve for Drufi+ max FR	53	4017905192828
2315.01.934	SYR Pressure reducing cartridge for Drufi+ max	53	4017905192958
2315.01.935	SYR Spring for Drufi+ max	53	4017905192835
2315.01.936	SYR Filter cup for Drufi+ max DFR	53	4017905192910
2315.01.937	SYR Filter cup for Drufi+ max FR	53	4017905192927
2315.01.940	SYR O-Rings for Filter cup for Drufi+ max	53	4017905192842
2315.01.941	SYR Backwash knob for Drufi+ max	53	4017905192859
2315.01.943	SYR Tundish for Drufi+ max	53	4017905192873



Order-Nr.	Product name	Page	EAN-Code
2315.01.946	SYR Filter for Drufi+ DFR/FR, 40 →m	51	401790521813
2315.01.965	SYR Filter for Drufi+ DFR/FR, 20 →m	51	4017905190152
2315.01.970	SYR Pressure reducing cartridge für Drufi+ DFR from 2016	51	4017905221337
2315.01.971	SYR Filter cup for Drufi+ DFR from 2016	51	4017905221344
2315.20.025	SYR Press flange 22 mm	54	4017905089166
2315.20.200	SYR Universal flange 2315 DN 20	54	4017905240253
2315.25.025	SYR Press flange 28 mm	54	4017905089173
2315.25.200	SYR Universal flange 2315 DN 25	54	4017905240260
2315.32.025	SYR Press flange 35 mm	54	4017905089180
2315.32.200	SYR Universal flange 2315 DN 32	54	4017905240277
2315.32.201	SYR Universal flange max 2315 DN 32, int.	56	4017905240284
2315.40.201	SYR Universal flange max 2315 DN 40, int.	56	4017905240291
2315.50.201	SYR Universal flange max 2315 DN 50, int.	56	4017905240307
2316.00.200	SYR Automatic backwash system for Drufi+/HWS+ from 2013, int.	72	4017905240314
2316.00.905	SYR Power pack (6 V) for RSA 2316	72	4017905167864
2320.00.901	SYR Blanking cup for all Universal Flanges up to DN32	57	4017905044110
2340.00.900	SYR Filter element for DUO HOT DFR/FR	60	4017905082693
2350.00.901	SYR Valve body complete for DUO DFR/FR	58	4017905171809
2350.00.903	SYR Filter complete for DUO DFR/FR	58	4017905171823
2350.00.904	SYR Filter cup compl. with ball valve for DUO DFR/FR from 2012	58	4017905171830
2350.00.906	SYR Assembly key for filter cup for DUO DFR/FR	58	4017905175326
2350.00.907	SYR O-Ring for DUO DFR/FR from 2012	58	4017905189712
2422.00.010	SYR SafeTech+ Connect 2422 leakage protection	12	4017905284783
2422.00.200	SYR SafeFloor Floor sensor for SafeTech/SafeTech+ 2422 and TRIO DFR/LS	16	4017905282734
2422.00.900	SYR Strainer for SafeTech/SafeTech+ 2422	12	4017905279772
2422.00.901	SYR Conductivity measuring cartridge for SafeTech/SafeTech+ 2422	12	4017905279789
2422.00.902	SYR Pressure sensor with wire for SafeTech/SafeTech+ 2422	12	4017905279796
2422.00.903	SYR Reed contact for SafeTech/SafeTech+ 2422	12	4017905279802
2422.00.904	SYR Temperature sensor for SafeTech/SafeTech+ 2422	12	4017905279819
2422.00.905	SYR DC built-in socket with wire for SafeTech/SafeTech+ 2422	12	4017905279826
2422.20.200	SYR SafeTech leakage protection, DN 20	14	4017905282338
2422.25.200	SYR SafeTech leakage protection, DN 25	14	4017905282345
2422.32.200	SYR SafeTech leakage protection, DN 32	14	4017905282352
2425.00.000	SYR TRIO DFR/LS Connect 2425	10	4017905297882
2425.00.902	SYR Pressure reducer for TRIO DFR/LS	10	4017905296571
2425.00.903	SYR Gasket set for TRIO DFR/LS	10	4017905296588
2425.00.904	SYR O-ring for filter cup for TRIO DFR/LS	10	4017905296595
2425.00.906	SYR Pressure gauge for TRIO DFR/LS	10	4017905296632
2425.00.907	SYR Key for filter cup for TRIO DFR/LS	10	4017905299619
2425.00.908	SYR Plug for TRIO DFR/LS	10	4017905300117
2425.00.909	SYR Filter element for TRIO DFR/LS	10	4017905300124
2425.00.911	SYR Adapter for filter cup for TRIO DFR/LS	10	4017905300131
2425.00.912	SYR Filter cup complete for TRIO DFR/LS	10	4017905300148
2500.00.000	SYR NeoSoft 2500 Connect Single water softener	20	4017905305839
2500.00.013	SYR Connection fitting garden for NeoSoft 2500 Connect	21	4017905308601
2500.00.900	SYR Board unit with display for NeoSoft 2500 Connect	20	4017905308199
2500.00.901	SYR Control head for NeoSoft 2500 Connect	20	4017905308205
2500.00.902	SYR Maintenance set for NeoSoft 2500 Connect	20	4017905308212
2500.00.903	SYR Connection cable for Mainboard for NeoSoft 2500 Connect	20	4017905308267
2500.00.904	SYR Wiring harness solenoid valve for NeoSoft 2500 Connect	20	4017905308274
2500.00.905	SYR Wiring harness for brine turbine for NeoSoft 2500 Connect	20	4017905308281
2622.00.900	SYR Connection set siphon as accessory for HygBox Connect 2622	18	4017905281584
2622.00.901	SYR Connection set waste water as accessory for HygBox Connect 2622	18	4017905281591
2622.00.902	SYR Connection set 2 Boxes as accessory for HygBox Connect 2622	18	4017905281607
2622.00.903	SYR Wall bracket for HygBox Connect 2622	18	4017905290814
2622.00.904	SYR Cartridge valve for HygBox Connect 2622	18	4017905290821
2622.00.905	SYR Cable for pressure sensor for HygBox Connect 2622	18	4017905290838

Order-Nr.	Product name	Page	EAN-Code
2622.00.906	SYR Temperature sensor for HygBox Connect 2622	18	4017905290906
2622.00.907	SYR Reed-Contact 2.5 mm for HygBox Connect 2622	18	4017905290913
2622.00.908	SYR Reed-Contact 4 mm for HygBox Connect 2622	18	4017905290920
2622.00.909	SYR Adhesive set for wall bracket for HygBox Connect 2622	18	4017905290937
2622.15.000	SYR HygBox Connect 2622	18	4017905281577
3000.00.911	SYR Salt for regeneration progress for water softeners	21	4017905109086
3000.00.913	SYR Hardness tester for water softeners	145	4017905110143
3000.00.937	SYR Hardness tester mini for heating water	145	4017905284776
3065.20.000	SYR Thermal safety valve 3065 DN 20 with capillary tube 1.3m	170	4017905007566
3065.20.001	SYR Thermal safety valve 3065 DN 20 with capillary tube 5m	170	4017905007580
3065.20.006	SYR Thermal safety valve 3065, 55 °C, DN 20 with capillary tube 5m	170	4017905048613
3065.20.902	SYR Immersion sleeve for Thermal safety valve	170	4017905007641
3065.20.903	SYR Temperature probe for Thermal safety valve with capillary tube 1.3m	170	4017905007610
3065.20.906	SYR Temperature probe for Thermal safety valve. with capillary tube 5m	170	4017905007634
3065.20.909	SYR Screw cap for Thermal safety valve	170	4017905011686
3065.20.911	SYR Stuffing box for 3065 for Thermal safety valve up to 04/89	170	4017905007658
3065.20.918	SYR Spring for Thermal safety valve	170	4017905007689
3065.20.920	SYR Valve unit for Thermal safety valve	170	4017905007696
3065.20.921	SYR Piston for 3065 for Thermal safety valve from 04/89	170	4017905007702
3100.00.010	SYR Dosing pump NeoDos 3100 Connect	46	4017905287289
3100.00.011	SYR Connection set LEX plus series for NeoDos 3100 Connect	47	4017905287746
3100.00.919	SYR Dosing solution DL 110 litres for NeoDos 3100 Connect	47	4017905287722
3100.00.920	SYR Dosing solution DL 210 litres for NeoDos 3100 Connect	47	4017905287739
3100.00.921	SYR Dosing solution DL 15 litres for NeoDos 3100 Connect	47	4017905290692
3100.00.922	SYR Dosing solution DL 25 litres for NeoDos 3100 Connect	47	4017905290708
3100.00.923	SYR Hose-set for NeoDos 3100 Connect	47	4017905293983
3100.00.924	SYR Membrane set for NeoDos 3100 Connect	47	4017905294003
3100.00.925	SYR Electronic box for NeoDos 3100 Connect	47	4017905293976
3100.00.926	SYR Power supply for NeoDos 3100 Connect	47	4017905293969
3100.00.927	SYR Dosing pump for NeoDos 3100 Connect	47	4017905293990
3100.20.000	SYR Connection set DN 20 NeoDos 3100 Connect	47	4017905291798
3100.25.000	SYR Connection set DN 25 NeoDos 3100 Connect	47	4017905291804
3100.32.000	SYR Connection set DN 32 NeoDos 3100 Connect	47	4017905291811
3200.00.001	SYR Cartridge for water softener for heating installations, 4 Liter	137	4017905152877
3200.00.003	SYR Cartridge for water softener for heating installations, 7 Liter	137	4017905152891
3200.00.004	SYR Cartridge for water softener for heating installations, 14 Liter	137	4017905152907
3200.00.005	SYR Cartridge for complete demineralisation for heating installations Plus, 7 Liter	137	4017905204194
3200.00.006	SYR Cartridge for complete demineralisation for heating installations Plus, 14 Liter	137	4017905204200
3200.00.010	SYR analysis case	145	4017905286695
3200.00.011	SYR Cartridge for complete demineralisation for heating installations, 4 Liter	137	4017905152914
3200.00.013	SYR Cartridge for complete demineralisation for heating installations, 7 Liter	137	4017905152938
3200.00.014	SYR Cartridge for complete demineralisation for heating installations, 14 Liter	137	4017905152945
3200.00.015	SYR Cartridge for complete demineralisation for heating installations Plus, 4 Liter	137	4017905204835
3200.00.016	SYR Cartridge for complete demineralisation for heating installations Plus, 30 Liter	137	4017905206396
3200.00.017	SYR Cartridge for complete demineralisation for heating installations, 30 Liter	137	4017905206402
3200.00.018	SYR Cartridge for water softener for heating installations, 30 Liter	137	4017905206419
3200.00.021	SYR Cartridge for water softener for heating installations, 2.5 Liter	137	4017905238397
3200.00.022	SYR Cartridge for complete demineralisation for heating installations, 2.5 Liter	137	4017905238403
3200.00.023	SYR Cartridge for complete demineralisation for heating installations Plus, 2.5 Liter	137	4017905238410
3200.00.025	SYR Corrosion quick test HSK 1	145	4017905285360
3200.00.040	SYR Mobile filling station MOBIFILL 3200	142	4017905288088
3200.00.904	SYR Exchange-resin for water softener for heating installations, 4 Liter	135	4017905150293
3200.00.906	SYR Exchange-resin for water softener for heating installations, 7 Liter	135	4017905150316
3200.00.909	SYR Calibration solution for conductivity meter	135	4017905184960
3200.00.910	SYR Adapter for 14-Liter cartridge for ConnectionCenter 3200	137	4017905189941
3200.00.914	SYR Exchange-resin for complete demineralisation, 4 Liter	135	4017905150361



Order-Nr.	Product name	Page	EAN-Code
3200.00.916	SYR Exchange-resin for complete demineralisation, 7 Liter	135	4017905150385
3200.00.918	SYR pH-measuring device	145	4017905196420
3200.00.925	SYR Label pad water treatment for heating systems, 30 sticker	135	4017905176354
3200.00.926	SYR Exchange-resin for complete demineralisation Plus, 7 Liter	135	4017905204217
3200.00.927	SYR Exchange-resin for complete demineralisation Plus, 4 Liter	135	4017905204828
3200.00.936	SYR Calibration solution for pH-measurement device 5x4.0 und 5x7.0	135	4017905211758
3200.00.937	SYR Exchange-resin for water softener for heating installations, 10 Liter	135	4017905218061
3200.00.938	SYR Exchange-resin for complete demineralisation, 10 Liter	135	4017905218078
3200.00.939	SYR Exchange-resin for complete demineralisation Plus, 10 Liter	135	4017905218085
3200.00.941	SYR Hose set for ConnectionCenter 3200	137	4017905221412
3200.00.942	SYR Exchange-resin for water softener for heating installations, 2.5 Liter	135	4017905238342
3200.00.943	SYR Exchange-resin for complete demineralisation, 2.5 Liter	135	4017905238359
3200.00.944	SYR Exchange-resin for complete demineralisation Plus, 2.5 Liter	135	4017905238366
3200.00.969	SYR Digital capacity control for ConnectionCenter 3200	137	4017905282055
3200.15.012	SYR HVE plus compact station	140	4017905293648
3200.15.026	SYR ConnectionCenter water softener / complete demineralisation	136	4017905285445
3200.15.905	SYR Conductivity meter for complete demineralisation	145	4017905137874
3200.15.914	SYR Blending valve for ConnectionCenter All-in-one	135	4017905196802
3220.00.012	SYR Canister pump 3220 with filling set	144	4017905280433
3220.00.013	SYR Protection concentrate HSK 1, 5-liter canister	144	4017905280440
3220.00.014	SYR Protection concentrate HSK 1, 10-liter canister	144	4017905280457
3220.00.015	SYR Protection concentrate HSK 2, 5-liter canister	144	4017905293204
3220.00.016	SYR Protection concentrate HSK 2, 10-liter canister	144	4017905293211
3228.00.001	SYR connection set water treatment for All-in-One+ Connect	135	4017905281119
3228.00.900	SYR Conductivity meter cartridge for ConnectionCenter All-in-one	139	4017905227353
3228.00.901	SYR Tundish for ConnectionCenter All-in-one	139	4017905238519
3228.00.902	SYR Double pressure gauge for FillingCombi BA 6628 Plus	139	4017905237147
3228.00.903	SYR Plug for ConnectionCenter All-in-one	139	4017905282062
3228.00.904	SYR Pressure sensor for ConnectionCenter All-in-one	139	4017905282079
3228.00.905	SYR Digital capacity control for ConnectionCenter All-in-one	139	4017905282086
3228.00.910	SYR Controller complete for All-in-One+ Connect	135	4017905284738
3228.00.911	SYR Sealing-kit for All-in-One+ Connect	135	4017905284745
3228.15.015	SYR ConnectingCenter All-in-One+ Connect	134	4017905279710
3228.15.026	SYR ConnectionCenter 3228 All-in-one	138	4017905285452
3415.00.000	SYR Heatingfilter HF 3415	148	4017905206433
3415.00.018	SYR 2-way manifold for HF 3415	148	4017905220224
3415.00.019	SYR 3-way manifold for HF 3415	148	4017905220231
3415.00.900	SYR Air vent for Heatingfilter HF 3415	148	4017905206440
3415.20.000	SYR Flange for Heatingfilter HF 3415 DN 20	148	4017905206457
3415.25.000	SYR Flange for Heatingfilter HF 3415 DN 25	148	4017905206464
3415.32.000	SYR Flange for Heatingfilter HF 3415 DN 32	148	4017905206471
3425.00.900	SYR Screw cap with filter unit incl. mounting wrench for HF 3425 compact	150	4017905293587
3425.00.901	SYR Bezel for HF 3425 compact	151	4017905293594
3425.00.902	SYR Bracket for HF 3425 compact	151	4017905293600
3425.00.903	SYR Cap with sealing for HF 3425 compact	151	4017905293617
3425.25.000	SYR Backwash Heating Filter HF 3425 compact, 1"	151	4017905276344
3425.25.016	SYR Backwash Heating Filter HF 3425 compact, 28/22 mm	151	4017905324045
4807.00.900	SYR Pressure gauge with angle connection	104	4017905052665
4807.00.902	SYR Check valve for safety center 4807	106	4017905053020
4807.00.904	SYR Maintenance cap for safety center 4807	106	4017905053044
4807.00.905	SYR Tester for Gas pressure for safety center 4807	104	4017905052696
4807.00.906	SYR Key for safety center 4807	104	4017905052184
4807.00.907	SYR Stainless stell seat for safety center 4807	104	4017905053051
4807.00.908	SYR Plug for safety center 4807	106	4017905053068
4807.00.916	SYR Check valve for Syrobloc Plus	110	4017905171182
4807.00.917	SYR Screw cap for Syrobloc Plus	110	4017905171199
4807.00.922	SYR Tundish for 4807 with systemcheck	106	4017905166768



Order-Nr.	Product name	Page	EAN-Code
4807.00.923	SYR Expansion vessel 12L for safety center 4807, DN 20, white	106	4017905196017
4807.00.924	SYR Expansion vessel 18L for safety center 4807, DN 20, white	106	4017905196024
4807.00.925	SYR Expansion vessel 8L for safety center 4807, DN 15, white	104	4017905282192
4807.15.000	SYR Safety center 4807 with 8L-expansion vessel	104	4017905281430
4807.20.000	SYR Safety center 4807 with 12L-expansion vessel	106	4017905048958
4807.20.001	SYR Safety center 4807 with 18L-expansion vessel	106	4017905051873
5000.00.000	SYR NeoSoft 5000 Connect Duplex water softener	22	4017905289559
5000.00.900	SYR Connection set filter for NeoSoft 5000	22	4017905292412
5000.00.901	SYR Armored hose for NeoSoft 5000	22	4017905293907
5000.00.902	SYR Maintenance set for NeoSoft 5000	22	4017905294164
5000.00.903	SYR Board unit for NeoSoft 5000	22	4017905294171
5000.00.904	SYR Control head for NeoSoft 5000	22	4017905294188
5000.00.905	SYR Resin bottle for NeoSoft 5000	22	4017905294195
5000.00.906	SYR Power supply for NeoSoft 5000	22	4017905294201
5000.00.907	SYR Bypass valve for NeoSoft 5000 Connect	22	4017905302364
5000.00.908	SYR Shelf for NeoSoft 5000 Connect	22	4017905302371
5000.00.909	SYR Wiring harness brine unit for NeoSoft 5000 Connect	22	4017905302388
5000.00.910	SYR wiring harness conversion and intersection to NeoSoft 5000 Connect	22	4017905302395
5000.00.911	SYR stepper motor for blending and conversion to NeoSoft 5000 Connect	22	4017905302401
5000.00.912	SYR blending valve for NeoSoft 5000 Connect	22	4017905302418
5000.00.913	SYR output housing incl. changeover for NeoSoft 5000 Connect	22	4017905302425
5000.00.914	SYR conductivity measuring cartridge for NeoSoft 5000 Connect	22	4017905303026
5000.00.915	SYR plug for potential-free contacts for NeoSoft 5000 Connect	22	4017905303033
5067.20.000	SYR Thermal Safety Valve 5067, DN 15	172	4017905192996
5315.00.000	SYR Pressure reducing valve/Backwash filter Ratio Vario DFR	66	4017905176804
5315.00.001	SYR Backwash filter Ratio Vario FR	66	4017905176811
5315.00.900	SYR Pressure reducing cartridge for Ratio	66	4017905157179
5315.00.901	SYR Plug for Ratio	64	4017905157056
5315.00.902	SYR Assembly key for filter cup for Ratio	64	4017905157063
5315.00.903	SYR Filter element for Ratio	64	4017905157070
5315.00.904	SYR Filter cup for Ratio	66	4017905157087
5315.00.905	SYR Pressure reducing cartridge for Ratio HOT	64	4017905157094
5315.00.906	SYR Filter cup for Ratio HOT	64	4017905157100
5315.15.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 15	64	4017905149587
5315.15.003	SYR Backwash filter Ratio FR HOT, DN 15	64	4017905149617
5315.15.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 15	62	4017905149464
5315.15.005	SYR Backwash filter Ratio FR, DN 15	62	4017905149495
5315.15.008	SYR Flange for Ratio Vario, DN 15.	66	4017905176774
5315.20.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 20	64	4017905149594
5315.20.003	SYR Backwash filter Ratio FR HOT, DN 20	64	4017905149624
5315.20.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 20	62	4017905149471
5315.20.005	SYR Backwash filter Ratio FR, DN 20	62	4017905149501
5315.20.008	SYR Flange for Ratio Vario, DN 20	66	4017905176781
5315.25.002	SYR Pressure reducing valve/Backwash filter Ratio DFR HOT, DN 25	64	4017905149600
5315.25.003	SYR Backwash filter Ratio FR HOT, DN 25	64	4017905149631
5315.25.004	SYR Pressure reducing valve/Backwash filter Ratio DFR, DN 25	62	4017905149488
5315.25.005	SYR Backwash filter Ratio FR, DN 25	62	4017905149518
5315.25.008	SYR Flange for Ratio Vario, DN 25	66	4017905176798
6115.15.XXX	SYR Pressure relief valve 6115 DN 15, special setting	160	
6115.20.XXX	SYR Pressure relief valve 6115 DN 20, special setting	160	
6115.25.XXX	SYR Pressure relief valve 6115 DN 25, special setting	160	
6115.32.XXX	SYR Pressure relief valve 6115 DN 32, special setting	160	
6115.40.XXX	SYR Pressure relief valve 6115 DN 40, special setting	160	
6115.50.XXX	SYR Pressure relief valve 6115 DN 50, special setting	160	
6203.15.003	SYR Pressure reducing valve 6203 Type 1, DN 15, 1.5-5 bar	86	4017905007719
6203.15.005	SYR Pressure reducing valve 6203 Type 2, DN 15, 5-8 bar	86	4017905007726
6203.15.903	SYR Pressure reducing cartridge for 6203, DN 15+20, 1.5-5 bar	86	4017905168090



Order-Nr.	Product name	Page	EAN-Code
6203.15.904	SYR Pressure reducing cartridge for 6203, DN 15+20, 5-8 bar	86	4017905168106
6203.20.007	SYR Pressure reducing valve 6203 Type 1, DN 20, 1.5-5 bar	86	4017905007757
6203.20.008	SYR Pressure reducing valve 6203 Type 2, DN 20, 5-8 bar	86	4017905007733
6203.25.010	SYR Pressure reducing valve 6203 Type 1, DN 25, 1.5-5 bar	86	4017905061650
6203.25.011	SYR Pressure reducing valve 6203 Type 2, DN 25, 5-8 bar	86	4017905062671
6203.25.903	SYR Pressure reducing cartridge for 6203, DN 25, 1.5-5 bar	86	4017905168137
6203.25.904	SYR Pressure reducing cartridge for 6203, DN 25, 5-8 bar	86	4017905168144
6203.32.000	SYR Pressure reducing valve 6203 Type 1, DN 32, 1.5-5 bar	86	4017905007771
6203.32.001	SYR Pressure reducing valve 6203 Type 2, DN 32, 5-8 bar	86	4017905030298
6203.32.903	SYR Pressure reducing cartridge for 6203, DN 32-50, 1.5-5 bar	86	4017905168151
6203.32.904	SYR Pressure reducing cartridge for 6203, DN 32-50, 5-8 bar	86	4017905168168
6243.15.004	SYR Pressure reducing valve 6243.1 DN 15, 1.5-5 bar	84	4017905007801
6243.15.006	SYR Pressure reducing valve 6243.2 DN 15, 5-8 bar	84	4017905025751
6243.15.902	SYR Pressure reducing cartridge for 6243, DN 15+20, 1.5-5 bar	85	4017905085588
6243.15.903	SYR Pressure reducing cartridge for 6243, DN 15+20, 5-8 bar	85	4017905113106
6243.20.003	SYR Pressure reducing valve 6243.1 DN 20, 1.5-5 bar	84	4017905007818
6243.20.005	SYR Pressure reducing valve 6243.2 DN 20, 5-8 bar	84	4017905007825
6243.25.000	SYR Pressure reducing valve 6243.1 DN 25, 1.5-5 bar	84	4017905007832
6243.25.002	SYR Pressure reducing valve 6243.2 DN 25, 5-8 bar	84	4017905007849
6243.25.907	SYR Pressure reducing cartridge for 6243, DN 25, 1.5-5 bar	85	4017905073370
6243.25.908	SYR Pressure reducing cartridge for 6243, DN 25, 5-8 bar	85	4017905099530
6243.32.001	SYR Pressure reducing valve 6243.2 DN 32, 5-8 bar	84	4017905030304
6243.32.002	SYR Pressure reducing valve 6243.1 DN 32, 1.5-5 bar	84	4017905030311
6243.32.907	SYR Pressure reducing cartridge for 6243, DN 32-50, 1.5-5 bar	85	4017905074957
6243.32.908	SYR Pressure reducing cartridge for 6243, DN 32-50, 5-8 bar	85	4017905124522
6243.40.000	SYR Pressure reducing valve 6243.1 DN 40, 1.5-5 bar	84	4017905034197
6243.40.001	SYR Pressure reducing valve 6243.2 DN 40, 5-8 bar	84	4017905034203
6243.50.000	SYR Pressure reducing valve 6243.1 DN 50, 1.5-5 bar	84	4017905034210
6243.50.001	SYR Pressure reducing valve 6243.2 DN 50, 5-8 bar	84	4017905033213
6247.50.903	SYR Cartridge for flange Pressure reducing valve 6247 from 01/2007	82	4017905136853
6247.65.000	SYR Flange Pressure reducing valve 6247 DN 65, 1.5-6 bar	82	4017905077101
6247.65.006	SYR Flange Pressure reducing valve 6247 DN 65, 5 - 10 bar	82	4017905277877
6247.80.000	SYR Flange Pressure reducing valve 6247 DN 80, 1.5-6 bar	82	4017905077118
6247.80.006	SYR Flange Pressure reducing valve 6247 DN 80, 5 - 10 bar	82	4017905277884
6247.100.000	SYR Flange Pressure reducing valve 6247 DN 100, 1.5-6 bar	82	4017905077125
6247.100.006	SYR Flange Pressure reducing valve 6247 DN 100, 5 - 10 bar	82	4017905277891
6380.00.901	SYR Differential-pressure switch for flange filter 6380	68	4017905149914
6380.00.907	SYR O-ring for filter cup for flange filter 6380	68	4017905218436
6380.00.910	SYR Filter element complete for flange filter 6380, 125 →m	68	4017905272353
6380.00.911	SYR Filter element complete for flange filter 6380, 240 →m	68	4017905272360
6380.00.912	SYR Key for filter cup for flange filter 6380	68	4017905279734
6380.65.010	SYR Flange Filter 6380 DN 65	68	4017905272322
6380.80.010	SYR Flange Filter 6380 DN 80	68	4017905272339
6380.100.010	SYR Flange Filter 6380 DN 100	68	4017905272346
6500.00.002	SYR Safety Disconnection Unit STS 5	88	4017905298872
6500.00.901	SYR Pump for Safety Disconnection Unit STS 5	88	4017905205269
6500.00.903	SYR Pressure regulator for Safety Disconnection Unit STS 5 up to 2022	88	4017905205283
6500.00.904	Float valve 3/4" for Safety Disconnection Unit STS 5	88	4017905205290
6500.00.905	SYR Condenser for Safety Disconnection Unit STS 5	88	4017905205306
6500.00.906	SYR Tank lip seal for Safety Disconnection Unit STS 5	88	4017905205313
6500.00.908	SYR Pressure regulator for Safety Disconnection Unit STS 5 from 2023	88	4017905298896
6600.00.000	SYR Digital Differential pressure measuring device for backflow preventer BA	156	4017905225694
6600.00.903	SYR Tundish for backflow preventer BA	96	4017905089357
6600.00.904	SYR Mini ball valve for backflow preventer STBA and Flange Filter	68	4017905094702
6600.00.912	SYR Mini ball valve for backflow preventer 6600, 6610 and 6247	82	4017905110808
6600.00.917	SYR cartridge for backflow preventer BA 6600 ST	96	4017905210294
6600.00.965	SYR Seal clamp for backflow preventer BA 6600 ST, DN 15 (G 1")	96	4017905214186

Order-Nr.	Product name	Page	EAN-Code
6600.00.970	SYR Maintenance tool for ConnectionCenter All-in-one	139	4017905216890
6600.00.971	SYR maintenance tool for backflow preventer CA 6800	100	4017905216906
6600.00.972	SYR Seal clamp for backflow preventer BA 6600 ST, DN 15 (G 3/4")	96	4017905218269
6600.00.973	SYR Test screw fitting for backflow preventer BA 6600 ST	96	4017905218276
6600.00.974	SYR Cartridge for backflow preventer BA for ConnectionCenter All-in-one	139	4017905221382
6600.15.015	SYR Backflow preventer BA 6600 ST for stand pipes, DN 15	96	4017905218153
6600.15.016	SYR Backflow preventer BA 6600 ST for stand pipes, DN 20	96	4017905218160
6600.65.000	SYR Flange backflow preventer BA TYPE 6600, DN 65	92	4017905217958
6600.65.900	SYR Check valve Inlet for flange backflow preventer BA, DN 65	92	4017905217965
6600.65.901	SYR Check valve Outlet for flange backflow preventer BA, DN 65	92	4017905217972
6600.80.000	SYR Flange backflow preventer BA TYPE 6600, DN 80	92	4017905267915
6600.80.900	SYR Check valve Inlet for flange backflow preventer BA, DN 80	92	4017905267939
6600.80.901	SYR Check valve Outlet for flange backflow preventer BA, DN 80	92	4017905267946
6600.100.000	SYR Flange Backflow preventer BA TYPE 6600, DN 100	92	4017905267922
6600.100.900	SYR Check valve Inlet for flange backflow preventer BA, DN 100	92	4017905267960
6600.100.901	SYR Check valve Outlet for flange backflow preventer BA, DN 100	92	4017905267977
6610.00.900	SYR Cartridge for backflow preventer BA 6610, DN 15	90	4017905251839
6610.00.901	SYR Cartridge for backflow preventer BA 6610, DN 20 + 25	90	4017905251846
6610.00.902	SYR Cartridge for backflow preventer BA 6610, DN 32 - 50	90	4017905276047
6610.15.000	SYR Backflow Preventer 6610 In-line, LF, DN 15, R 1/2	90	4017905239400
6610.20.000	SYR Backflow Preventer 6610 In-line, LF, DN 20, R 3/4	90	4017905251617
6610.25.000	SYR Backflow Preventer 6610 In-line, LF, DN 25, R 1	90	4017905251624
6610.32.000	SYR Backflow Preventer 6610 In-line, LF, DN 32, R 1 1/4	90	4017905276054
6610.40.000	SYR Backflow Preventer 6610 In-line, LF, DN 40, R 1 1/2	90	4017905276061
6610.50.000	SYR Backflow Preventer 6610 In-line, LF, DN 50, R 2	90	4017905276078
6625.15.000	SYR Backflow preventer 6625, STBA 100 DN 15, R 1/2	98	4017905198554
6625.15.001	SYR Backflow preventer 6625, STBA 100 DN 15, R 3/4	98	4017905198561
6625.15.002	SYR Backflow preventer 6625, STBA 200 for nozzle DN 15	156	4017905198585
6625.15.004	SYR Backflow preventer 6625, STBA 400 with leakage valve with nozzle, DN 15	158	4017905198592
6625.15.006	SYR Backflow preventer 6625, STBA 600 with PRV and pressure gauge, DN 15	158	4017905198578
6625.15.018	SYR Backflow Preventer BA Mini 6625, DN 15	94	4017905290159
6625.15.019	SYR Backflow Preventer BA Mini 6625, DN 20	94	4017905290166
6625.15.022	SYR Backflow preventer 6625, STBA 220 for nozzle DN 15	156	4017905266994
6625.15.900	SYR Backflow preventer BA as replacement kit for all STBA 6625	95	4017905198608
6625.15.901	SYR Pressure reducing cartridge for STBA 600	141	4017905198615
6625.15.902	SYR 3 ball valves DN 6 for all STBA 6625	95	4017905200035
6625.15.903	SYR Backflow preventer complete with adaptor and O-rings	95	4017905288170
6628.00.933	SYR Maintenance key for FillingCombi CA Plus	154	4017905269827
6628.20.008	SYR FillingCombi BA 6628 with double pressure gauge DN 20	152	4017905269582
6629.00.900	SYR Tundish for FillingCombi CA Plus	154	4017905271783
6629.00.905	SYR Pressure reducing cartridge for FillingCombi CA Plus	154	4017905268646
6705.20.000	Drain cock, DN 20	130	4017905171304
6705.20.001	Drain cock, with additional connection, DN 20	130	4017905171311
6705.20.005	Drain cock, long version, DN 20	130	4017905238922
6800.00.901	SYR Tundish for backflow preventer CA	100	4017905089364
6800.00.903	SYR Cartridge for backflow preventer CA from 01/2017	100	4017905241687
6800.15.000	SYR Backflow preventer CA 6800 DN 15	100	4017905089227
6800.20.000	SYR Backflow preventer CA 6800 DN 20	100	4017905089234
6828.00.904	SYR Isolating handle for FillingCombi CA Plus	154	4017905268660
6828.00.905	SYR Pressure gauge for FillingCombi CA Plus	154	4017905271073
6828.15.005	SYR Filling Combi CA Plus 6828 DN 15	154	4017905268622
7315.00.914	SYR Filter-cartridge for POU Smart Filter 7315	70	4017905276566
7315.10.010	SYR POU Smart Filter with tap	70	4017905274968
7315.10.011	SYR POU Smart Filter w/o tap	70	4017905282857
7500.00.901	SYR Wall bracket for ConnectionCenter 3200	137	4017905159333
7500.15.110	SYR Anti-Legionella Valve, DN 15	108	
7500.20.110	SYR Anti-Legionella Valve, DN 20	108	

Order-Nr.	Product name	Page	EAN-Code
7500.25.110	SYR Anti-Legionella Valve, DN 25	108	
7500.32.110	SYR Anti-Legionella Valve, DN 32	108	
8000.32.000	SYR NeoSoft 8000 Connect Duplex water softener, DN 32	24	4017905313506
8000.40.000	SYR NeoSoft 8000 Connect Duplex water softener, DN 40	24	4017905313513
8000.50.000	SYR NeoSoft 8000 Connect Duplex water softener, DN 50	24	4017905313520
8115.15.000	SYR Solar-Pressure relief valve 8115 DN 15, 2.5 bar	162	4017905120425
8115.15.001	SYR Solar-Pressure relief valve 8115 DN 15, 3 bar	162	4017905120432
8115.15.002	SYR Solar-Pressure relief valve 8115 DN 15, 4 bar	162	4017905120449
8115.15.003	SYR Solar-Pressure relief valve 8115 DN 15, 6 bar	162	4017905120456
8115.20.000	SYR Solar-Pressure relief valve 8115 DN 20, 2.5 bar	162	4017905120463
8115.20.001	SYR Solar-Pressure relief valve 8115 DN 20, 3 bar	162	4017905120470
8115.20.002	SYR Solar-Pressure relief valve 8115 DN 20, 4 bar	162	4017905120487
8115.20.003	SYR Solar-Pressure relief valve 8115 DN 20, 6 bar	162	4017905136693

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 sequestator, 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, he 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



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