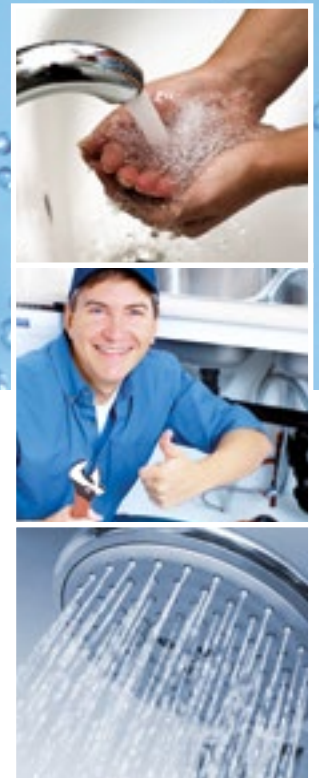


Domestic water system centre HWSC



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AFRISO

The fast, clean and compact solution for domestic water installations.

Compact, tightness-tested domestic water system centre as a complete solution for the distribution of drinking water in buildings. The system centre combines all functions of conventional water distribution installations in a small-footprint unit: The pressure reducer reduces the inlet pressure to an even, system-specific pressure in order to protect the installation and to ensure economical water consumption. The water filter keeps pollutants such as rust particles or sand grains from reaching the domestic water installation, thus protecting valves, machines, boilers, etc. from malfunctions caused by dirt. With its straightforward design and unobtrusive colour the domestic water system centre fits in perfectly with modern equipment rooms, basements and utility rooms.

The base version of HWSC consists of a backflow preventer, filter combination with fine filter and pressure reducer, drain unit with connection possibility to the wastewater system, three supply outlets, safety valve and all function components. The individual components are DVGW-certified or comply with the DVGW regulations. The assembly is contained in a form-fit insulation for easy access and operation. The integrated transparent front door allows for checking the system pressure and the safety valves and provides

easy access to start backwashing; it is not necessary to remove the upper part of the insulation. The memory pointer on the door lets you set the date for the next backwashing procedure.

HWSC excels with a dramatic reduction of the installation time: A drilling template is shipped with the unit for precise positioning of the three holes. Hanger bolts allow for precise adjustment of the domestic water system centre to the wall and enable easy horizontal and vertical alignment. HWSC features a variable height adjustment from 65 to 115 mm to allow for precise adaptation to the individual distance of the water meter from the wall. The default connection setting is intended for left-side connection, but HWSC can be converted to right-side connection in a matter of minutes.

The pressure reducer reduces the inlet pressure to an even, system-specific pressure; part of the water flows directly and without pressure reduction to the high-pressure outlet for the garden line. If this is not required, it can be converted into an additional pressure-reduced supply outlet. The insulation can accommodate up to four supply outlets; any additional outlets must be mounted outside the insulation. Due to the modular design and the defined connections, it is easy to fit extensions with an automatic backwashing unit, a refill combination for filling heating systems or a water softening system.

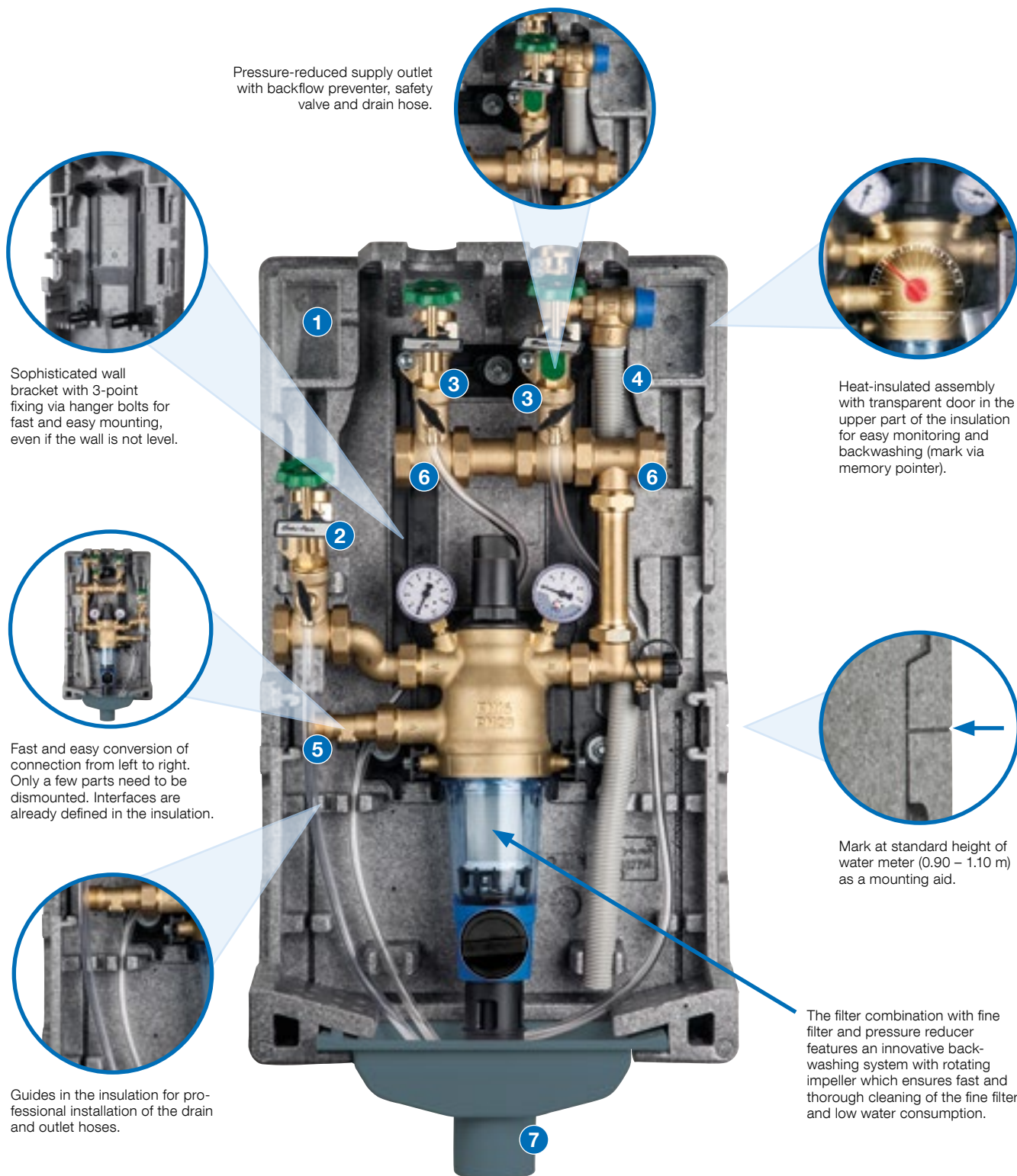


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Advantages – your benefits

- + Extremely compact system centre 395 x 760 mm (W x H)
- + Lightning-fast, easy installation
- + Innovative backwashing system – fast and thorough cleaning of the filter element, low water consumption
- + Modular design: Can be extended by additional outlets, automatic backwashing unit, refill combinations, etc.

Domestic water system centre HWSC



- | | |
|--|---|
| 1 Storage compartment for spare seals/silicone grease | 5 Backflow preventer |
| 2 Filtered high pressure outlet (as per DIN 1988), e.g. for garden line | 6 Connection G $\frac{1}{4}$ for sampling valve left/right |
| 3 Pressure-reduced supply outlets with drain hoses (1 outlet with backflow preventer) | 7 Drain unit consisting of funnel (DN 75) and reducing adaptor (DN 75/DN 50) |
| 4 Safety valve (6 bar) outlet hose | |

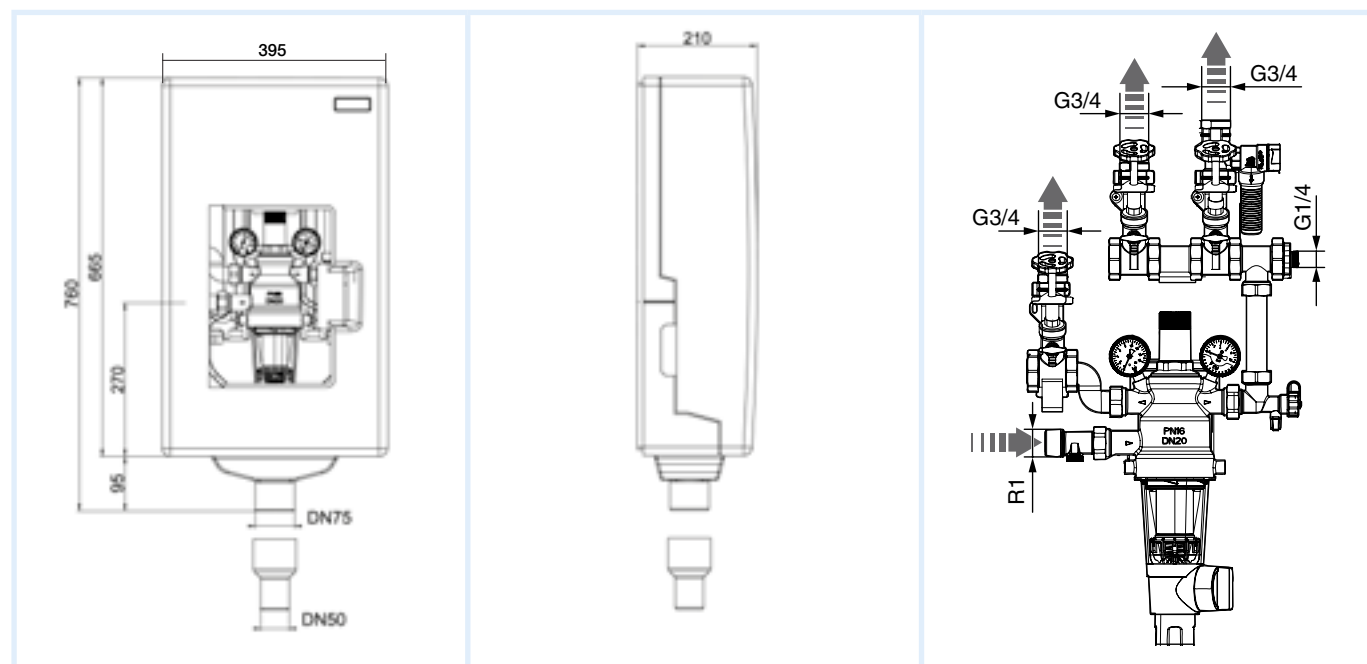


Technical specifications

Medium	Drinking water
Inlet pressure	Max. 16 bar
Operating temperature range	Medium: 5/30 °C
Mounting position	Vertical Supply outlets to the top
Dimensions (housing)	W x H x D 395 x 665 x 210 mm
Weight	Approx. 12 kg

Connection	Inlet: R1 Supply outlets: G¾ female
Material	Fittings: Brass CW 617N Insulation: Polypropylene EPP Filter housing: Brass (dezincification-resistant) Fine filter: Non-corroding steel Seals: EPDM
DVGW approval	All components are DVGW-conform. Components with DVGW approval: filter combination, backflow preventer, seals

Dimensions (mm)



Your dealer

Version	Part no.
Domestic water system centre HWSC	42755
Connection kit for refilling of heating system	42757
Connection kit for water softening	42756
Extension supply outlet G¾ female thread	42758
Automatic backwashing unit RA 01	42739
Refill combination for heating systems	On request
Sampling valve	On request

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