

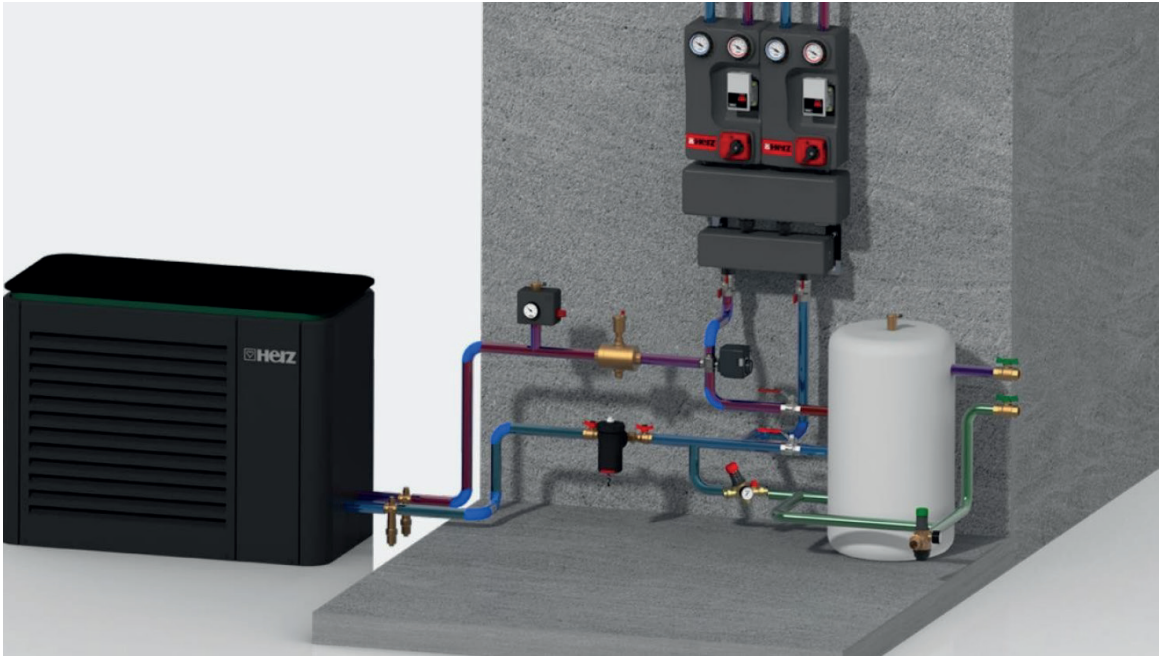
HERZ Automatic Filling Valve

3-in-1 Valve



☑ **HERZ Automatic Filling Valve - Overview**

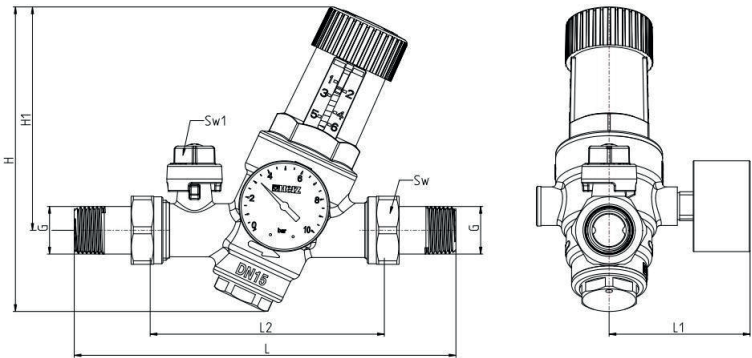
The HERZ Automatic Filling Valve provides a comprehensive solution for maintaining system pressure, ensuring safe isolation and preventing backflow into the potable water supply. The desired system pressure can be pre-set on the integrated pressure reducer. When this pressure is reached, the filling valve automatically closes, enabling safe and smooth refilling while preventing excessive pressure buildup. The current system pressure is clearly visible on the gauge for easy monitoring.



The integrated ball valve allows seamless isolation of the filling valve, while the check valve prevents mixing of heating water and potable water. This enhances both convenience and safety. By combining three essential functions—pressure reduction, isolation and backflow prevention—into a single unit, the HERZ Automatic Filling Valve also simplifies installation and increases system reliability.

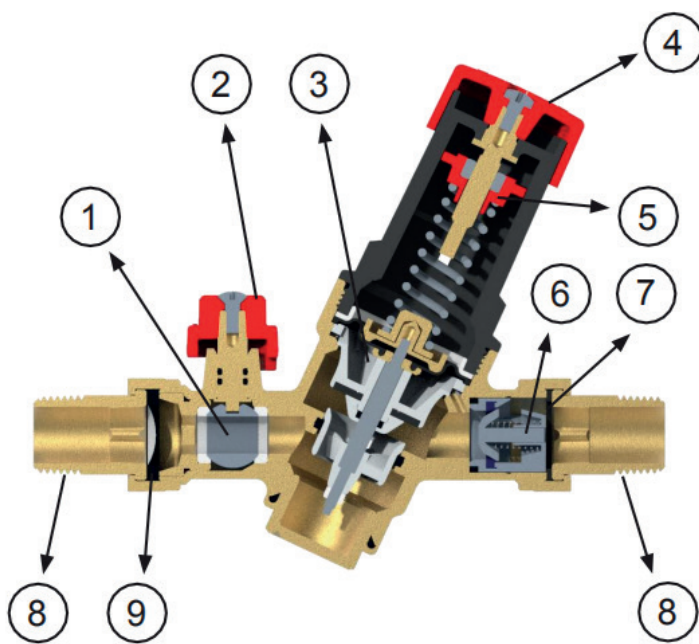
☑ **Operating data**

Dimension:	DN 15
Max. inlet pressure:	16 bar
Outlet pressure range:	1,5 - 6 bar
Medium temperature range:	0,5 - 70 °C
Pressure gauge connection:	1/4" F
Pressure gauge scale:	0 - 10 bar
Connections:	AG



Order number	DN	Sw [mm]	Sw1 [mm]	G [in]	L [mm]	L1 [mm]	L2 [mm]	H [mm]	H1 [mm]
1 4216 01	15	30	14	1/2"	166	62	103	134	98,5

☑ Components of the Automatic Filling Valve



- 1. Ball valve
- 2. Square handle SW14
- 3. Integrated pressure-reducing valve
- 4. Setting knob
- 5. Pressure setting indicator
- 6. Check valve
- 7. Flat sealing
- 8. Union nut connection
- 9. Integrated filter

☑ Ball valve

The ball valve features an integrated handle that requires a 14 mm open-end wrench for operation. This design enhances safety by limiting access to individuals with the appropriate tools, thereby preventing accidental or unauthorized adjustments.

☑ Integrated pressure-reducing valve

The HERZ Automatic Filling Valve is equipped with a precisely functioning pressure reducer, preset to 1.5 bar and easily adjustable in operation between 1.5 and 6 bar via the red rotary knob. Thanks to the two available 1/4" connections, the pressure gauge can be flexibly mounted on either side of the valve, allowing precise monitoring of the system pressure.

☑ Check valve

The integrated check valve separates the heating water from the potable water system, ensuring water quality.

☑ Filter

The HERZ Automatic Filling Valve features an inlet seal with an integrated filter, providing optimal protection for the valve.

☑ Union nut connection

The HERZ Automatic Filling Valve is equipped with freely rotating union nuts, enabling easy maintenance and valve disconnection during servicing.

 HERZ Armaturen GesmbH - Wien

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Weil's ohne  nicht geht

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