

Water filter WAF 04 R with pressure reducer, backwashable



Benefits

- With integrated pressure reducer
- Inlet pressure compensation for constant outlet pressure
- Rotatable cover to indicate the next backwashing date
- Transparent filter cup shows degree of pollution of the filter
- Innovative backwashing system - fast and thorough cleaning of the filter element, low water consumption

Application

For the protection of drinking water installations against corrosion as per DIN 1988. 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. Water filters help to keep pollutants such as rust particles and sand grains from reaching the domestic water installation and thus protect valves, machines, flow heaters, etc. from malfunctions caused by pollution. Ideal for modernisation of domestic water installations where an existing filter needs to be replaced.

Versions

	Part no.
Water filter WAF 04 R - G¾	42714
Water filter WAF 04 R - G1	42715
Water filter WAF 04 R - G1¼	42716

Blue part no. = in-stock items

Description

DVGW-tested water filter, compact plastic version with backwashable fine filter, integrated pressure reducer and pressure gauge for the outlet pressure. The fine filter consists of an upper part and a combined lower part. In the operating state "Filtration", the small upper filter is closed so that the water can only flow through the main filter from the outside to the inside. When the ball valve for "Backwashing" is opened, the filter is pressed down until the water supply to the outside of the main filter is interrupted. At the same time, the water flow through the upper filter is opened. The water required for cleaning the filter flows through the upper sieve, the rotating impeller and the main filter from the inside to the outside. This ensures effective cleaning of the filter across the entire surface of the sieve at full inlet pressure. When the ball valve is closed again, the filter automatically resumes normal operation. The pressure reducer operates on the basis of a force comparison system, i.e. the force of a spring counteracts the force of a diaphragm. The inlet pressure neither acts in the opening nor in the closing direction. Therefore, pressure changes at the inlet pressure side do not affect the outlet pressure.



Technical specifications

Medium

Drinking water

Inlet pressure

Max. 16 bar

Outlet pressure

1.5 – 6 bar

Operating temperature range

Medium: Max. 30 °C

Mounting position

Vertical or horizontal with filter cup down

Connection

G¾, G1 or G1¼

Material

Housing: High-grade plastic

Fine filter: Stainless steel

Filter cup: Shock-resistant transparent plastic

Mesh size

110 µm

DVGW approval

NW-9311AT2316