

## Self-Cleaning Water Filter with Pressure Gauge

### Technical Specifications

Parameter	Value
Connection sizes:	R 3/4" and R 1"
Filter housing height:	450 mm
Width:	130 mm
Depth:	145 mm
Max operating pressure:	7 bar
Temperature range:	4°C – 30°C
Filter filtration:	150 µm
Material:	Plastic & Brass (compliant with EU directive 80/778/EEC)

### Description & Maintenance

This self-cleaning water filter is designed for both drinking water and water used in technological processes. It protects fittings, pipes, taps, and appliances in households, industry, and pharmaceutical applications. It can be installed directly behind the water meter or before individual water consumers.

The mechanical filter cartridge retains solid particles larger than 150 microns (e.g., sand, sludge...). For proper maintenance, open the drain valve at the bottom of the filter at least once per month to flush out trapped particles. For better cleaning, this procedure can be repeated multiple times.

Installation must be carried out by a qualified professional using **Teflon tape** for sealing. The unit must be installed horizontally in a bypass line. In case of high pressure or potential pressure fluctuations in the water system, a **pressure-regulating valve and pressure gauge must be used**. **Flexible pipes** are mandatory.

From a hygiene standpoint, the filter cartridge must be replaced every **24 months**.

