SMARTPURE Automatic Self-Cleaning back wash Filter

SMARTPURE is an advanced self-cleaning back wash filtration system, designed to ensure optimal performance. Available with 1" and 3/4" in/out let with reduction, it ensures an effective cleaning thanks to an automatic cartridge backwash mechanism and an innovative impurity discharge system. Built in high-quality materials, the filter includes a polypropylene (PP) head, the brass joints, and a PET Cover. It is also equipped with a 220V NC solenoid valve and an electronic board that manages the self-cleaning process. The filter cartridge, made of stainless steel, is welded on a technopolymer support. SMARTPURE is supplied with a 2 meter long power cable and Schuko plug; To facilitate the installation, it is equipped with a 2-meter long drain pipe. It must be installed at the entrance to the domestic water supply, to protect the entire system from impurities that could compromise the operation of the installed equipment.

Features

- Filter head PP with brass inserts
- Cover PET
- Filter cartridge 60 micron stainless steel
- Discharge Aut Electrovalve Ø 10 mm
- Power cable Shuko 2 m
- Drain out discarge 2 m Ø 10 mm
- Flow 4.2 m3/h
- Nominal pressure 8 bar
- Min/max water temperature 5 ÷ 45° C
- In/outlet 3/4" ÷ 1"



Attention: the standard supply of the SMARTPURE filter provides for the inlet of water to be filtered from left to right; If you prefer the filter with the water inlet from right to left, ask for it when ordering.

Setting: By the AUTOPURE filter you can program the automatic cleaning of the cartridge, ensuring that water is always filtered in an optimal way, with constant pressure and without pressure drops. This feature not only improves water quality, but also prevents the risk of dangerous bacteria from accumulating impurities.

Code	Max. flow l/h	Filtration µ	Pipe connection	Nominal pressure bar	Ø discharge mm
SP0409F76	4,0	60	3/4" ÷ 1"	8	10

Installation example

1 - Raw water inlet and water meter
3 - Clamping taps
4 - SMARTPURE self-cleaning filter.
5 - Hydraulic by-pass
6 - Analysis sampling point

