

Magnetic filter

The magnetic filter is designed to trap impurities found in central heating systems. Modern systems equipped with highly efficient boiler feed installations are exposed to breakdowns and reduction of performance and efficiency due to contamination with iron oxides, the main component of rust, which are generated by corrosion and deposited in the form of sludge.

Iron oxide particles circulate throughout the heating circuit, depositing in the critical points of the installation and exposing the entire system to the failure of pumps, valves or heat exchangers etc., and the heating efficiency of the boiler is reduced, which translates into increased heating costs.

The use of magnetic filters / dirt separators improves the protection of the entire heating system, by removing most of the solid particles, which include iron or iron oxides suspended in the heating system fluid. The filters can be used in systems with continuous circulation of the heating medium. The heating medium may consist of water-glycol solution, with the glycol content not exceeding 50%. The filters can also be used in solar systems and cooling systems, trapping impurities such as sand.

CHARACTERISTICS:

- For use in central heating and solar systems
- Double filtration method
- Easy removal of impurities
- High magnetic force
- Top quality materials
- 24 months warranty
- Warranty and post-warranty service

TECHNICAL DATA:

- Material: PA66 + glass fibre /copper, stainless steel
- Maximum operating pressure 6 bar/ 0,6Mpa
- Maximum liquid temperature 90°C
- Filtration efficiency $\geq 500\mu\text{m}$
- Maximum flow 30 l/min
- Magnetic force 9000 Gauss
- Connection $\frac{3}{4}$ " or 1"



I-002



I-003

PARAMETERS

MODEL	I-002	I-003
Dimensions	114 x 190mm	149 x 213 mm
Max. working pressure	6 Bar / 0,6 Mpa	6 Bar / 0,6 Mpa
Max. liquid temperature	90°C	90°C
Filtration	$\geq 500\mu\text{m}$	$\geq 500\mu\text{m}$
Maximum flow	30 l/min	30 l/min
The strength of the magnet	9000 Gauss	9000 Gauss
Connections	$\frac{3}{4}$ "	$\frac{3}{4}$ " lub 1"
Material	PA66 + fiberglass / copper stainless steel	PA66 + fiberglass / copper
Weight	750g	1480g