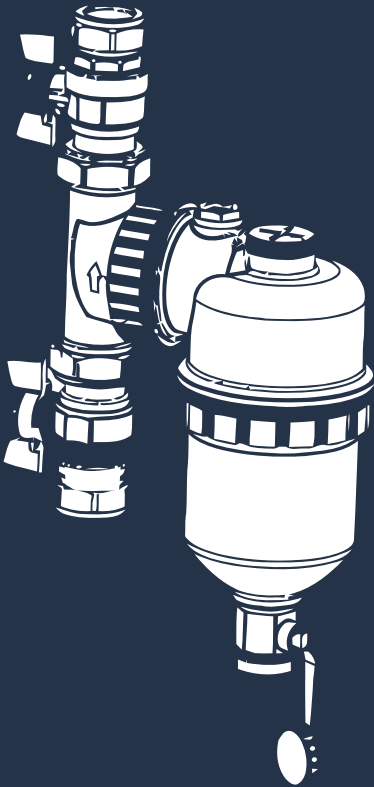


## GRP CONSTRUCTION BRASS ISOLATION & DRAIN VALVES



The Heat Pump Magnetic Filter is designed to provide essential protection for heat pump and central heating systems. By effectively removing iron, nickel, and cobalt particles from the water, it helps to maintain system efficiency, extend equipment lifespan, and reduce carbon emissions. The filter's advanced design and easy installation make it a valuable asset for any home or commercial building.

### PRODUCT DATA SHEET

## 28mm Heat Pump MAGNETIC FILTER HPFILT

#### Technical Specifications

Application: Heat Pump & Central Heating Systems

Particle Removal: Iron, nickel, and cobalt particles

Max Flow Rate: 6.9 M<sup>3</sup>/h

Filter Volume: 530ml

Working Pressure: 3 bar

Maximum Pressure: 12 bar

Max Dynamic Pressure: 1.5 bar

Maximum Temperature: 90°C

Magnetic Field of Rod: 12000 gauss

Body Material: Glass fiber reinforced nylon

Connection: 2 x ball valves - Ø28 compression

Double Filter: 300 & 800 micron mesh

Weight: 1.48Kg



**Effective Debris Capture:** Captures both magnetic and non-ferrous debris.

**Prevents Breakdowns:** Helps to prevent costly breakdowns in air source heat pump systems.

**Low Resistance:** Offers excellent performance with minimal resistance to heat pump operation.

**Consistent Protection:** Provides reliable protection for the boiling system by capturing harmful particles.

**Extended Longevity:** Helps to prolong the lifespan of the heat pump and central heating system.

**Reduced Carbon Emissions:** Contributes to environmental sustainability by improving system efficiency.

**Cost Savings:** Can help to reduce maintenance costs and prevent costly breakdowns.

**No Extra Operating Cost:** Operates without requiring additional energy input.

**Easy Installation and Cleaning:** Simple to install and maintain, ensuring hassle-free use.