

# HF1 HEATING FILTER

## Operation & Installation Instructions



- ACTIVELY FILTERS MAGNETIC AND NON FERROUS DEBRIS
- 360°INSTALLATION
- INSTALLATION/SERVICING DATE WHEEL
- FULL BORE ISOLATING BALL VALVES ON INLET AND OUTLET CONNECTIONS
- SUPPLIED WITH A FULL SET OF SPARE SEALING WASHERS, O RINGS AND DRAIN HOSE ADAPTER MANUAL AIR BLEED
- EFFORTLESS SERVICING AND FITTING

### Installation Instructions

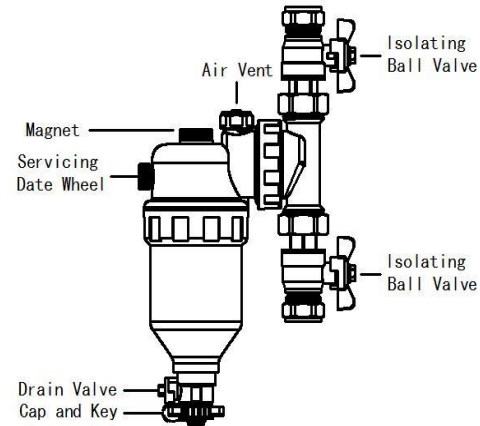
Easy to install and should preferably be installed in the return circuit upstream of the boiler.

This enables debris already present in the pipework to be intercepted before it reaches the boiler, particularly during system flushing. Should always be installed as shown with the drain valve beneath the collection chamber.

Unit is uni-directional and must be installed with the flow direction as indicated by the arrow on the body.

The union joint between the body and the collection chamber allows the unit to be installed in horizontal, vertical or inclined pipework thus eliminating the need to stock both horizontal and vertical models.

### Component Parts



### Technical Data

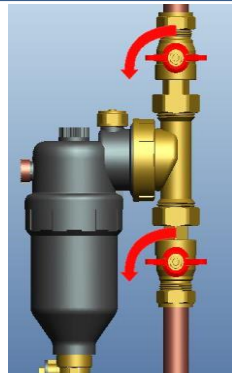
Medium: Water glycol solution  
 Magnet : 12000 Gauss  
 Max.working pressure: 4 bar  
 Temperature range : 0 to 120°C  
 Minimum particle size : 5 um

- Only for use on domestic central heating systems.
- Do not install externally or at temperatures of 0°C or below to prevent frost damage.
- This product contains strong magnets. Care and attention should be taken at all times during installation and servicing. Do not place the magnetic core on any ferrous surfaces or near ferrous items.
- Suitable personal protective equipment should be used during all installations and servicing.

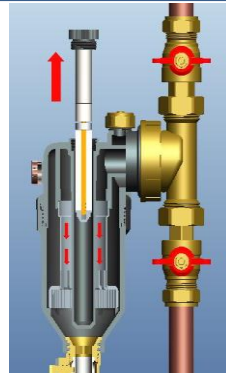
### Fast Clean

Prior to cleaning the unit, ensure that the working environment is safe. It is advisable to turn the boiler off before commencing any maintenance works. Caution should also be taken regarding the temperature of the contents of the filter.

- 1、 Turn the inlet and outlet isolation valves to the closed position.
- 2、 Unscrew the magnet from the screw cap and pull it free from the housing.
- 3、 Open outlet and drain valves. The blanking cap is the operating key for the drain valve and provides long term security.
- 4、 Close drain valve, replace magnet and open inlet valve.



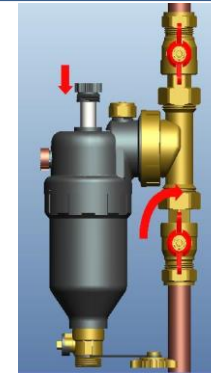
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