



MAGNETIC
SLUDGE
FILTER

FDM-1ME

WITH REMOVABLE MAGNET

Small dimensions = **easy installation**
Removable magnet = **quick and easy maintenance and cleaning**

CLEAN and **EFFICIENT** heating systems and boilers!



FDM-1ME

With removable magnet - Super compact for small spaces

EXCLUSIVELY FOR DOMESTIC BOILERS with power up to 35 KW

FDM-1ME is a compact and easy-to-install magnetic sludge filter, suitable for protecting boilers from magnetic and non-magnetic particles that may form during the normal operation of a heating system.

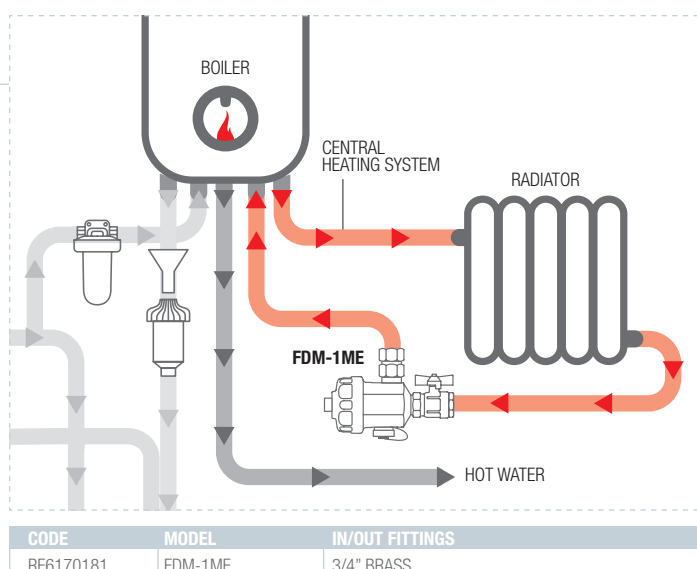
Ferrous residues, algae, mud, and sand that can cause malfunctions and breakages will be easily removed.

The special shape and small size allow maintenance to be carried out while the filter is mounted: the magnet placed inside the FDM-1ME can be simply extracted by unscrewing the magnet cap, enormously facilitating the cleaning operations.

TECHNICAL SPECIFICATIONS

3/4" plastic fittings: Reinforced PA66 polyamide
Body: Reinforced PA66polyamide.
Cap with magnet holder: Reinforced PA66polyamide.
Filter cartridge: AISI 304 L stainless steel
Ball valve: CW 617 N Brass.
Swivel joint: CW 617 N. brass
O-rings: EPDM.
Discharge cap and magnet cap: Brass CW 614 N.
Magnet: NdFeB - 4500 Gauss.
Magnet container: stainless steel AISI 316.
Screws: stainless steel AISI 304/316
Filter rate: 500 µm.

INSTALLATION SCHEME



FDM-1ME



HOTWATER

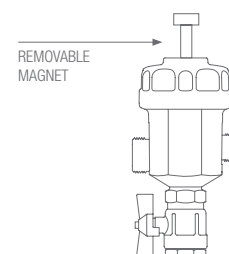
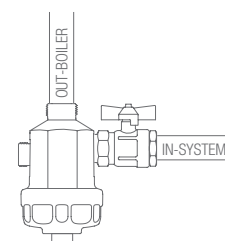
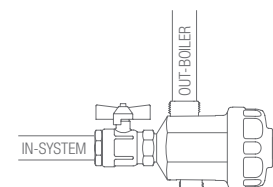


MAX OPERATING PRESSURE
3 bar at 90°C
(43 psi at 194°F)

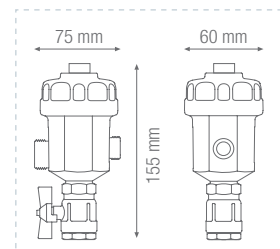


OPERATING TEMPERATURE
4 to 90°C
(39.2 to 194°F)

COMPATIBLE FLUIDS
water
water + glycol



DIMENSIONS



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