



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

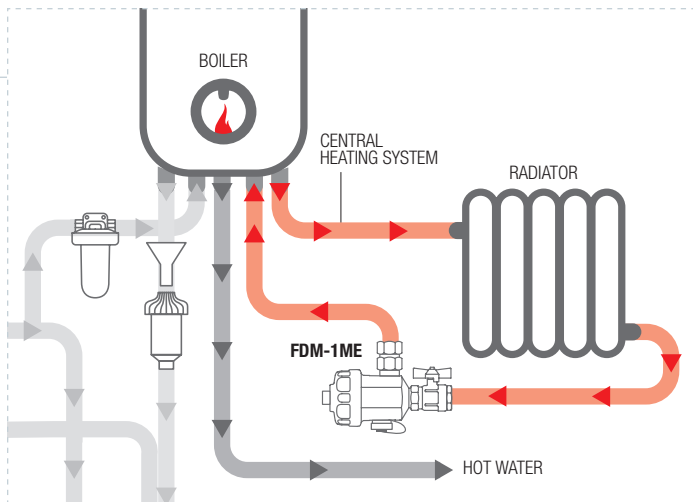
With removable magnet - Super compact for small spaces
EXCLUSIVELY FOR DOMESTIC BOILERS with power up to 35 KW

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



CODE	MODEL	IN/OUT FITTINGS
RE6170181	FDM-1ME	3/4" BRASS

FDM-1ME



HOT WATER

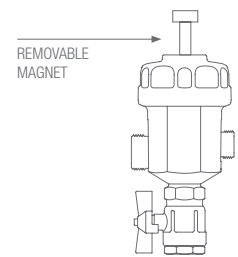
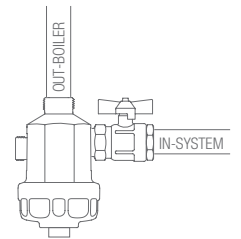
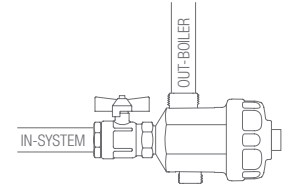


MAX OPERATING PRESSURE
3 bar at 90°C
(43 psi at 194°F)

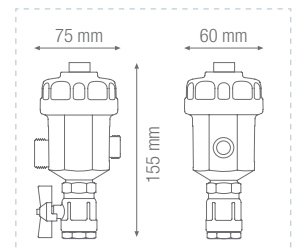


OPERATING TEMPERATURE
4 to 90°C
(39.2 to 194°F)

COMPATIBLE FLUIDS
water
water + glycol



DIMENSIONS



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