

MINIDEFMAG

Magnetic filter

Magnetic filter for systems up to 35 kW

Mayline MiniDefmag is a compact magnetic filter that thanks to its compact size it can be installed under the boiler, on the return line upstream of the circulation pump, using right-angle fittings, i.e. with horizontal body and inlet, vertical outlet facing upwards and drain downwards. The MiniDefmag filter is equipped with a 800µm filtration degree internal mesh to retain the circulating non-magnetic particles, while the magnetic ones will be attracted by the 12,000 Gauss neodymium magnet. The special structure of the sludge separator allows cleaning the filter with direct flow and counter-flow; the simultaneous extraction of the magnet allows the effective removal of all sediments through the drain.



Code	Package
MY/MINIDEF	1 piece

Installation

1. On the system return line, locate an installation position that allows accessibility for maintenance, e.g. to remove the magnet, open the filter drain tap and/or disassemble the filter for thorough cleaning.
2. Empty the system. If the system is treated with conditioning agents, it is advisable to collect the system water in a special container so that it can be used at the end of the work.
3. Always use the valve supplied when installing the filter to facilitate maintenance, cleaning and flushing operations. It is recommended to measure the filter with the valve installed as if it was running, in order to cut the chosen return pipe according to the total installation size.
4. The filter housing can be oriented only horizontally.
5. A thorough cleaning is recommended with one of the Mayline HRplus, Mayline HR or Mayline CP cleaners for high-temperature systems and with Mayline SB for low-temperature systems. In both cases, rinse thoroughly with tap water.
6. Open the valve to load the system. Add 1% Mayline K32 conditioning agent for high-temperature systems, or 1% Mayline SBA for low-temperature systems. Then check all seals on the filter and ball valve.

Maintenance

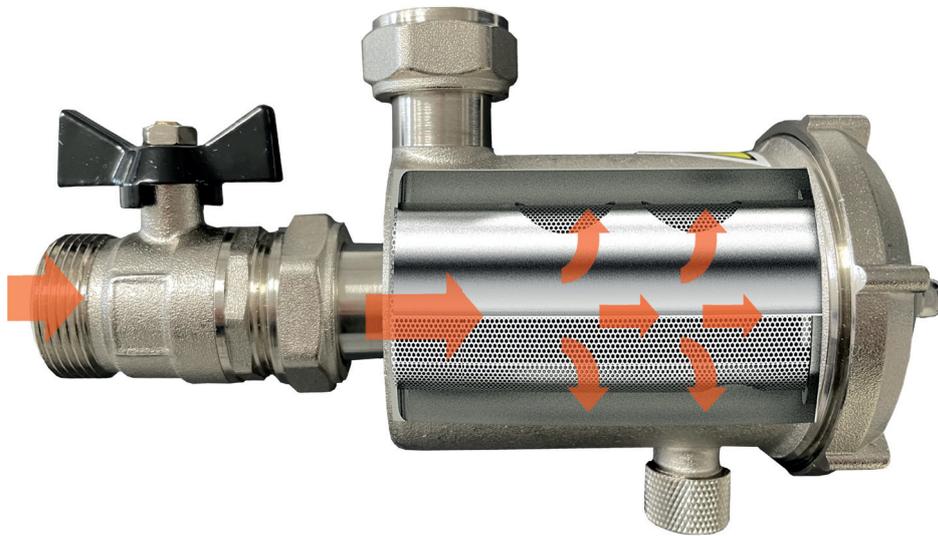
In case of first-time application, clean the sludge separator after 4-5 weeks. Subsequent cleaning must be carried out every 6 to 12 months.

Features:

- 12,000 Gauss Neodymium magnet;
- Installation with right-angle fittings with horizontal body;
- Removes magnetic and non-magnetic particles;
- Stainless steel filter with separator bulkhead in flow direction with 800µm mesh;
- Easy cleaning and rinsing via the drain valve;
- Low pressure drop;
- Suitable for installation on gas boilers etc.;
- Resistant up to 90° C;
- Suitable for glycol solutions.

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Technical specifications

Connection IN	3/4" M
Connection OUT	3/4" F
Max. working pressure (bar)	10
Filter mesh	800µm
Total length	185mm
Filter body height	68mm
Overall height	88mm

Materials

Filter body	Brass nickel plated
Fittings and valve	Brass nickel plated
Cartridge spring	Stainless steel
Magnet	12,000 Gauss neodymium
Magnet shell	Nylon reinforced with glass fiber
Filter meshes	Stainless steel

Notes
