



suprera[®]
hydraulic and pump solutions

MAGNETO

**Compact magnetic filter,
to be perfectly fit for placing directly under a boiler.**

- ✓ Optimizes heating system efficiency
- ✓ Increases the lifespan of the boiler
- ✓ Prevents corrosion
- ✓ Retains impurities
- ✓ Protects circulation pumps



3/4"

Magnetic Filter



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The MAGNETO magnetic filter is a perfect unit to provide trouble-free operation of a central heating system by retaining impurities resulting from corrosion and boiler scale. Due to the compact design of the unit, it can be installed directly under a boiler even in case of limited installation space (e.g. when the boiler is placed in a kitchen cabinet). The magnetic filter captures all contamination in the system, thus reduces the risk of damages to circulation pumps and boiler.

Magnetic filter

COMPONENT	MATERIAL
Magnet	Neodymium
Mesh Filter	Stainless steel
Body	Nickel plated brass
Filter cap	Nickel plated brass
Isolating Valve	Brass
Seals	EPDM

All ferrous contamination are drawn by a magnet located inside the filter body.

Continuous boiler protection

Non-ferrous particles are captured by a strainer cartridge

Screwed joint: for easy connection with G3/4" port of the boiler

Ball valve: to shut-off return circuit

Filter body

Drain cap

Directional neodymium magnet



NOTES

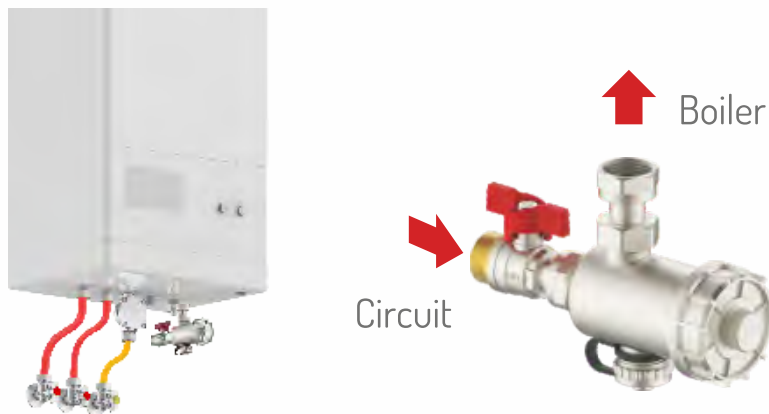
1. Magnetic filter contains a core providing a strong magnetic field. You should always keep this in mind when installing and maintaining the filter and not to move the core close to electric devices to avoid damaging it.
2. If there is any doubt about the unit's installation, do not use the system and contact us on the phone number given in the manual.
3. After opening the package, verify that the unit is not damaged. Information on the label placed on the unit should be consistent with the model purchased. In case of any inconsistency or doubt about the label's information, please contact us on the phone number given in the manual.

T. MAX: 90°C
P. MAX: 3 BAR

INSTALLATION

- It is recommended to install MAGNETO unit in return circuit, at boiler inlet, to protect it against contamination in the circuit, especially during start-up phase.
- MAGNETO can be also installed in case of limited space under the boiler (e.g. when the boiler is installed inside kitchen furniture.)

MAGNETO installed with filter body facing forward



MAINTENANCE

CLEANING THE FILTRATION CARTRIDGE:

- It is recommended to clean the filter periodically. To do it, unscrew the bottom drain cap and the filter cover. The filter must be absolutely cleaned several days after primary installation and prior to each heating season.
- Prior to cleaning, make sure that the working environment is safe.
- In order to avoid damages and burns, prior to any maintenance procedures, it is recommended to turn off the boiler and to wait until the system cools down to room temperature
- While closing the ball valve, catch the filter to be maintained. Carefully unscrew the bottom drain cap. Water will little by little flow down (Schemes NO.1 and NO.2).
- Take care that the water will be collected in a container of sufficient capacity.
- When no more water flows down, completely remove the filter cover.
- Pull out the magnet bar from the filter to remove easily ferrous particles.
- Wash and rinse the bar thoroughly under running water to remove any contamination completely.

