

new!

TM
MG1

The only

**SUPER
COMPACT**

magnetic system filter



rbm

Passion for innovation

MG1TM

Compact magnetic system filter.

The only one that is really compact, it can be installed also in limited spaces.

- Super compact
- Retains all impurities
- Fights corrosion
- Increases the lifespan of the boiler
- Maintains optimum system efficiency



MG1 by RBM represents the best solution to solve plant problems due to particle presence, **especially rust and sand that are formed due to corrosion** during the normal operation of a system. Thanks to its compact dimensions, **it is perfect under the boiler**, where installation spaces are very limited and there is no room for other magnetic filters.

Code	Size	Connection on system side	Connection on boiler side
3070.05.00	G 3/4"	M UNI-EN-ISO 228 (ball valve)	F UNI-EN-ISO 228 (swivel connection)



The best solution for **installer and customer**



MG1TM

Super Compact,
it's only
RBM

Collects all the impurities, thus avoiding wear and damage of the circulator and heat exchanger. It performs a continuous protective action on the boiler.

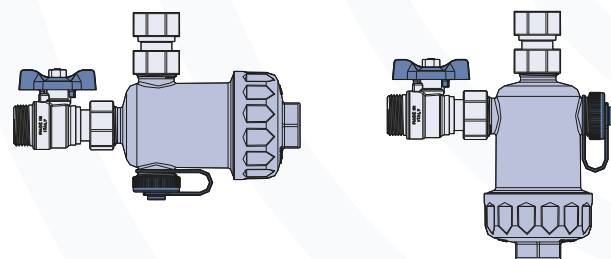
12
cm

Only 12 cm are needed to enjoy the advantages of the only one **SUPER COMPACT** magnetic system filter!

MG1 by RBM offers a practical and efficient solution in case of limited space where a traditional magnetic filter cannot be installed. It is a perfect product if the boiler to be protected is installed in a kitchen cabinet or in a recess.

Maximum installation versatility

It is advised to install **MG1** on the return circuit, at the inlet of the boiler, in order to protect it from any impurities in the system, especially during the start-up phase. Thanks to a series of design solutions, **MG1** is characterised by an extreme installation versatility: **it can be mounted either with the cartridge/filter body facing the front and downwards.**



BALL VALVE 3/4" M
It allows a easy cleaning of the filter when intercepted.

SWIVEL CONNECTION
It enables to easily connect the filter to connection G 3/4" M of the boiler.

STAINLESS STEEL CARTRIDGE
Developed in order not to exert excessive resistance to the passage of fluid and to favour a motion of the fluid itself that contributes to bring the heaviest particles to the bottom.

NEODYMIUM MAGNET
Attracts all the impurities having magnetic characteristics.

SAFETY DRAIN CAP
Enables to drain the fluid from the main body of the filter and to perform programmed cleaning operations.

Operating principle

By going through a set course, the fluid is forced to cross the many areas that modify its motion and filter its content:

1. The sudden cross-section variation slows down the fluid and the particles suspended in it.
2. The magnet inside the cylinder attracts all the ferrous impurities.
3. Non-magnetic particles are filtered and retained by the mesh of the filtering cartridge.



MG1 removes any particles (magnetic and non-magnetic) that may cause damages to the system. The continuous passage of the fluid through the filter during the normal operation of the system, gradually removes any dirt.

www.rbm.eu

Patent pending



Passion for innovation

RBM spa

Via S. Giuseppe, 1
25075 Nave (Brescia) Italy
Tel. +39 030 2537211 ric. aut.
Fax +39 030 2531799
info@rbm.eu