



## MG1

### Compact magnetic system filter

**RBM MG1** represents the best solution to solve plant problems due to particle pollution, especially rust and sand that are formed due to corrosion and scale during the normal operation of a system. Thanks to its compact dimensions, it is perfect when the boiler to be protected is installed in a kitchen cabinet or where installation spaces are very limited and there is no room for other dirt separators. Through its effective and constant action, the magnetic filter collects all the impurities present in the system, preventing them from circulating within it, thus avoiding wear and damage of the circulator and the heat exchanger.



THE FIRST  
**1<sup>ST</sup>**  
THE ORIGINAL

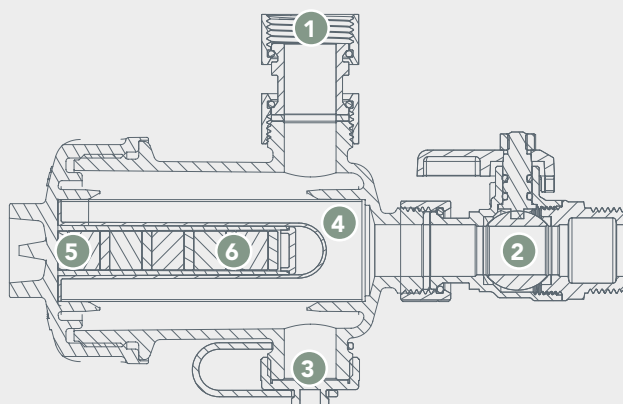


PATENT: N° 202015000064159

**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 retained by the mesh of the filtering cartridge

**Continuous protection of the boiler**



- 1 **Swivel connection**  
It enables to easily connect the filter to connection G 3/4" M of the boiler.
- 2 **Ball valve**  
It enables to intercept the return circuit.
- 3 **Drain cap**
- 4 **Filtration chamber**
- 5 **Neodymium magnet**
- 6 **Stainless steel filtering cartridge**

### MAXIMUM INSTALLATION VERSATILITY

It is advised to install **RBM 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 its extreme installation versatility, **RBM MG1** can be mounted either with the cartridge/filter body facing the front and downwards.



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- Super compact

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- Retains all impurities

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- Fights corrosion

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- Increases the lifespan of the boiler

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- Maintains optimum system efficiency