



## MG COMPACT

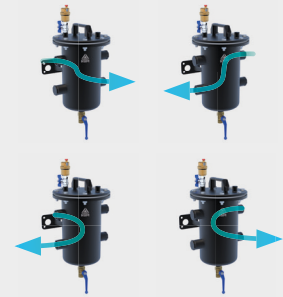
Self-cleaning dirt separator with magnets for boiler rooms

**RBM MG Compact**, a self-cleaning multifunction dirt separator filter with magnets for boiler rooms, represents the best solution to solve plant problems due to pollution resulting from particles of sand and rust that form due to corrosion and incrustations during the normal operation of a system. Thanks to **its powerful magnetic capacity, its size and the flanged connections, MG Compact is used in industrial, commercial and medium and large scale civil systems.** Through its effective and constant action, the filter collects all the impurities present in the system, preventing them from circulating within it, thus avoiding wear and damage of all the components making up the system.

The impurities blocked by the filter accumulate inside the basket. Cleaning starts by opening the designated discharge valve. In this way all the **magnetic contaminants** (ferrous residues) and **non-magnetic** (algae, sludge, sand...) in the system are removed.



AVAILABLE INSTALLATION SETUPS:



Removes any impurity

Self-cleaning

Maintains optimum system efficiency

Application in industrial, commercial and medium and large-scale civil systems

Reinforced stainless steel filtering mesh with 100 micron filtering degree

Fitted with a dosage point to add treatment fluids, easily accessible

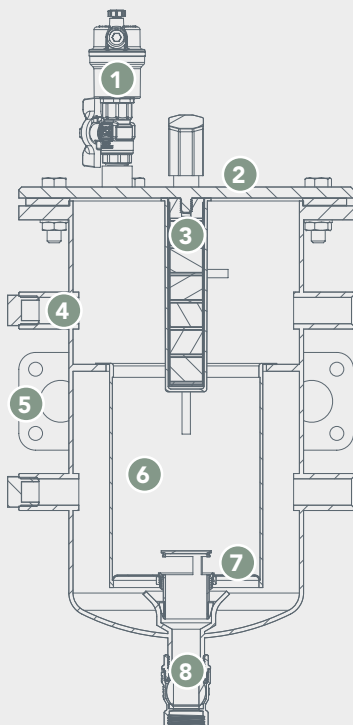
Limited overall dimensions (in relation to the product category)

Reversible couplings

Option of in-line installation on a heating system +

Reduced maintenance costs:

- > Magnets protected from contact with water, easy to clean
- > The large removable basket with check valve prevents impurities from falling into the filter
- > The large water content extends maintenance intervals
- > The possibility of cleaning the filter without emptying completely reduces the amount of chemical additives to be replenished after each maintenance operation



- 1 Automatic air vent valve**  
to eliminate air at the filling stage, complete with the ball shut-off valve.
- 2 Dosage point**  
to add treatment fluids. Easily accessible. Plugged when supplied. G 1/2" plug.
- 3 Magnetic filtering unit**  
powerful neodymium magnets to capture ferrous particles such as rust that form due to corrosion during the normal operation of a system, metal debris, processing residues, etc. The magnet assembly is protected from direct contact with water by a removable conduit that makes filter cleaning operations easier.
- 4 Sudden section increase**  
It causes the fluid to slow down. The settling of particles due to the effect of gravity is favoured.
- 5 Wall mounting bracket**
- 6 Filtering mesh**  
stainless steel stretched mesh (100 micron filtration degree) contained in a basket that can be easily pulled out from above. This is equipped with an automatic closing shutter, located at the bottom, to prevent leakage of impurities during maintenance.
- 7 Accumulation zone**  
Large and very far from the flow passage, resulting in less frequent maintenance work
- 8 Drain ball valve**  
Size 3/4"