

SMARTFILLER

Automatic diaphragm filling unit equipped with calibrating knob



RBM SmartFiller M is an automatic filling unit, a device that reintegrates fluid into the heating systems.

It is composed of: a pressure reducing valve, a check valve and a shut-off valve.

The pressure reducing valve is diaphragm type and equipped with a pressure gauge to measure the output pressure. The cartridge is compensated seat: upstream pressure variations do not affect the downstream adjustment.



USE

The **RBM SmartFiller M** units are crucial parts that automatically reintegrate any water coming out of the system. In fact, during the normal operation of a heating system, part of the fluid is lost through the deaerators, in the form of steam mixed with gases that develop continuously in the circuit. The space left free by the fluid, if not duly reinstated, will be occupied by the gases which, when dissolved, form acid solutions that can lead to corrosion.

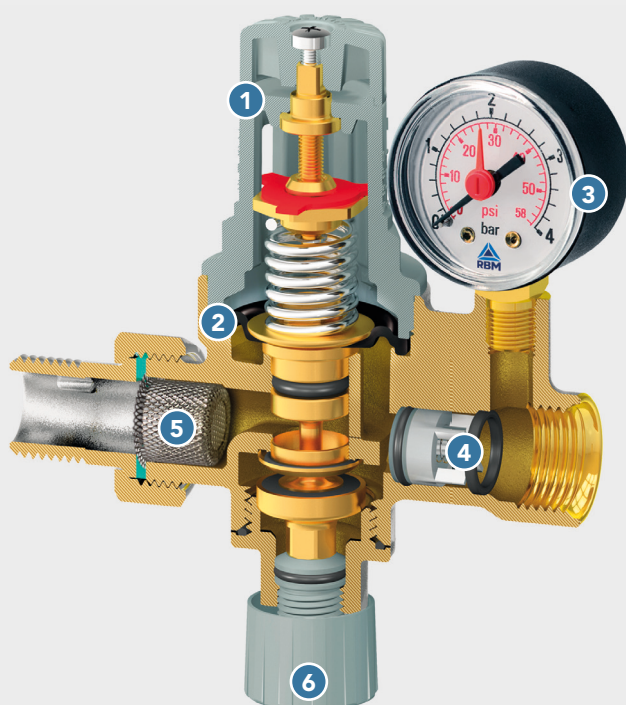
Check valve and shut-off valve incorporated +

Output pressure calibration knob

Pressure gauge

PN 16

Special ADZ treatment



- 1 Graduated calibration knob**
To immediately adjust the output calibration value.
- 2 Diaphragm made of elastomer**
- 3 Pressure gauge**
This measures the pressure downstream of the filling unit, namely the pressure in the circuit to be filled.
- 4 Check valve**
Prevents the return of the liquid present in the system towards the aqueduct (upstream of the supply unit).
- 5 Filter**
- 6 Shut-off valve**
Cuts off the power supply and therefore excludes the refill function. This is useful during system maintenance, or in case of failure of any part of the circuit.