

# MULTIMIX DN25



**RBM MULTIMIX** is a hydronic distribution unit for thermal systems capable of managing 2 or 3 zones. It is characterised by compact size allowing it to be installed right below the boiler. The different thermal zones can be supplied by 3 different types of booster unit.

The types of booster units are as follows:

- **RD:** direct booster unit (without mixing, for zones supplied with water at the same temperature<sup>(\*)</sup> as the one produced by the heat generator).
- **RF MIX:** booster unit mixed at fixed point (constant temperature). RF MIX is supplied with two different thermostatic control models for heating only systems in high or low temperature.
- **RM MIX:** modulating mixed booster unit (shifting temperature). Can be coupled to different electric rotary actuators, chosen depending on the type of temperature control selected.

(\*) minus the natural "thermal drop" on the hydraulic separator.



## Combined and modular distribution system

Modular insulation shell (in EPP 40 g/l) with self-bearing function for wall mounting

Hydraulic distribution manifold/separator. RBM MULTIMIX DN25 is equipped with an innovative system which, through the manual intervention of a threaded shutter, can separate or joint the supply chamber with the return chamber, thus transforming the manifold/separator into a simple manifold and vice versa

Possibility of installing module even underneath boiler thanks to its compact size

Simplified hydraulic connections and seals ensured by flat stops

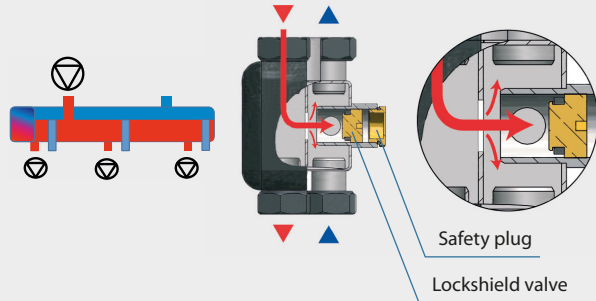
Possibility of simultaneous installation of different types of booster units according to different requirements (e.g. 3 direct / 3 mixed / 2 direct + 1 mixed / 1 direct + 2 mixed)

Set up for installation of a automatic temperature control unit with external probe for shifting temperature mixing unit.



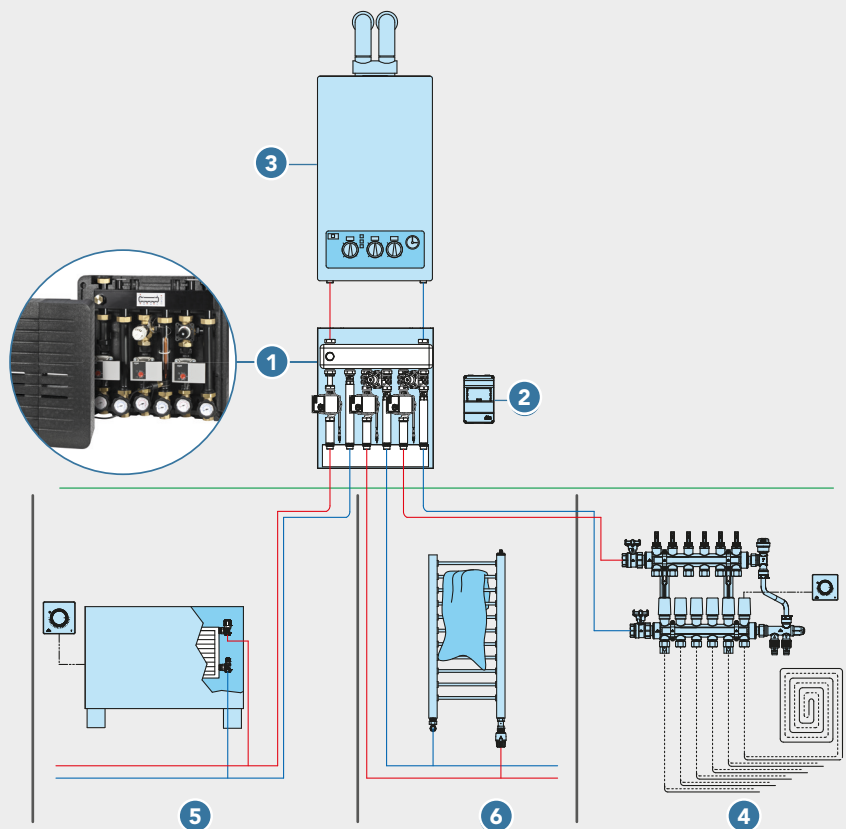
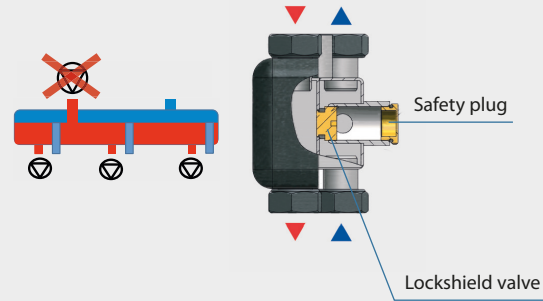
**CONFIGURATION WITH SHUTTER OPEN:  
"COMMUNICATING CHAMBERS"**  
(standard configuration in which the module is supplied).

The communication between the supply and return chambers makes it possible to manage a system with one or more circulators which interact upstream and downstream of the manifold/separator.



**CONFIGURATION WITH SHUTTER CLOSED:  
"SEPARATE CHAMBERS"**  
(configurazione standard in cui viene fornito il modulo).

Configuration necessary when there is no circulator upstream of the manifold which supplies it directly.



- 1 RBM MULTIMIX distribution unit
  - 2 Temperature control
  - 3 Boiler
- 4 Underfloor circuit (RM MIX low temperature)
  - 5 Fan-coil circuit (RD high temperature)
  - 6 Radiator circuit (RF MIX high temperature)