

ART. M055 Mixing and Circulation Unit

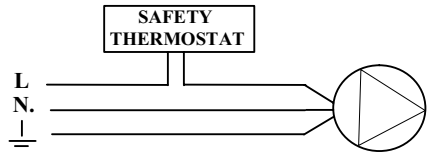


Maximal pressure valve:
 Max. working pressure 10 bar
 Min. working pressure 0.2 bar
 Max. water temperature 90°
 The maximal pressure valve guarantees the security of the boiler implant. When all the valves on the manifolds for panels and radiators are closed, the water from the boiler, can flows through the maximal pressure valve and downloads to the out ball valve.
 The flowmeter above the maximal pressure valve, allows to see how much fluid downloads.

Electric safety Thermostat
 Setting: 50 °C
 Electric contact: Normally closed
 Water protection: IP 66
 Max. temperature 90 °C

**Room
Thermostat**

ELECTRIC CONNECTION SCHEME

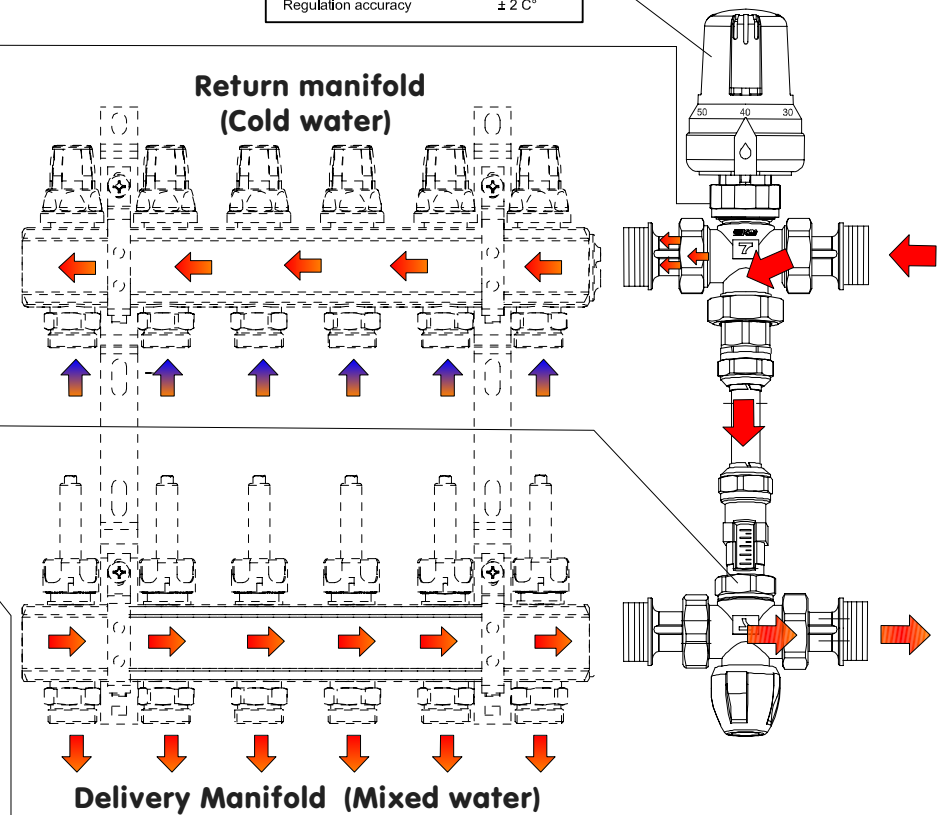


Air vent valve

**Sensor remote capillary
of thermostatic head**

**Thermostatic head with distance temperature
feeler for setting and mixing**
 Max. working pressure 10 bar
 Min. working pressure 0.2 bar
 Max. water temperature 90°
 Temperature range 20 - 70 C°
 Regulation accuracy $\pm 2\text{ C}^\circ$

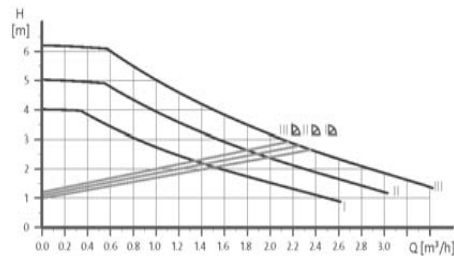
**Return manifold
(Cold water)**



Delivery Manifold (Mixed water)

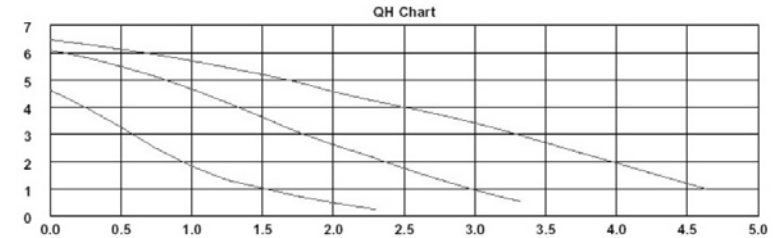
Pump model: UPS 2 25-40/60 130 GRUNDFOS

Electric power supply: 230V - 50Hz
 Operating temperature: 2°C÷95°C
 Maximum operating pressure: 10 bars
 Protection degree: IP 44
 Distance between coupling centers: 130 mm
 Pipe connection: G 1"1/2



Pump model: RS 25-60 130 WILO

Electric power supply: 230V - 50Hz
 Operating temperature: 2°C÷110°C
 Maximum operating pressure: 10 bars
 Protection degree: IP 44
 Distance between coupling centers: 130 mm
 Pipe connection: G 1"1/2



Pump model: RS 25-40 130 WILO

Electric power supply: 230V - 50Hz
 Operating temperature: 2°C÷110°C
 Maximum operating pressure: 10 bars
 Protection degree: IP 44
 Distance between coupling centers: 130 mm
 Pipe connection: G 1"1/2

