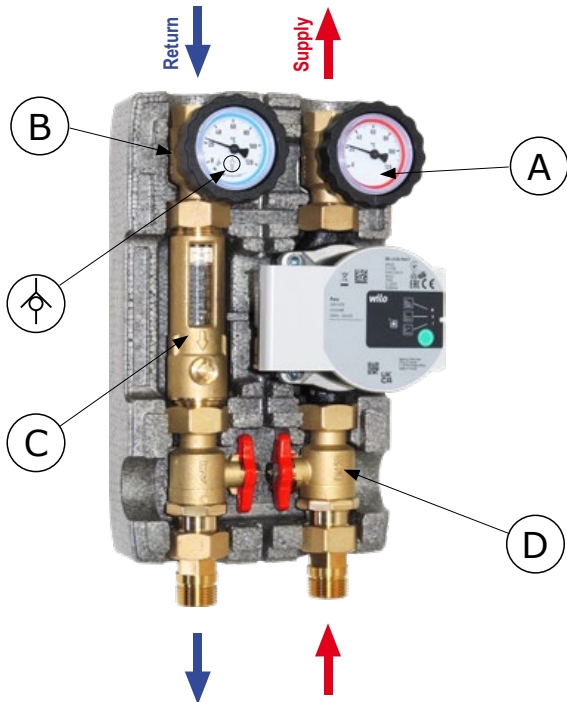




Installation instructions



SERVICE

To operate an incidental service/replacement of the circulating pump, close the ball valve (A) and (D) by rotating the relevant handles clockwise. Once the service ended, open again the two ball valves and restore the pressure of the installation.

TECHNICAL FEATURES

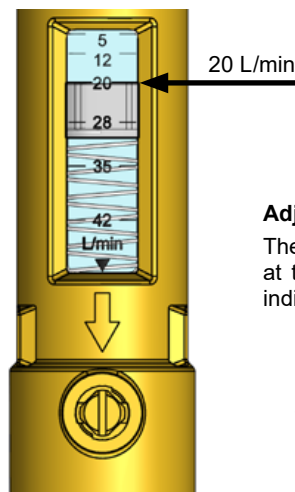
PN 10. Maximum temperature 110°C

External connections:

- 3/4" Male swivel union to the heat source or to the distributor.
- 3/4" Female to the users.

FLOWMETER

Straight flowmeter with flow regulation (C). Direct reading of the flowrate through the graduated scale. Ball valve for flow rate adjustment. Flow rate range: 5-42 L/min



Adjustment:

The flow rate reading is to be done at the higher part of the mobile indicator.



Opening

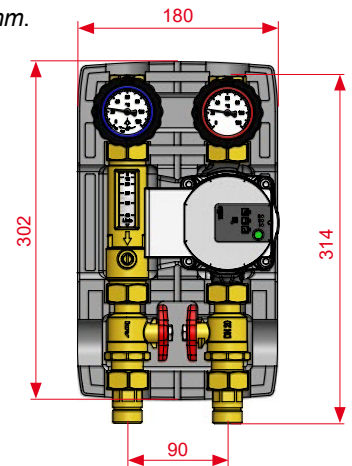


Closing

MEASUREMENTS

EPP insulation box: the insulation covering includes a central inside part that allows the passage of the cable of the circulating pump. Outlets for the passage of cables towards the high part and the low part of the insulation box are available.

Measurements: 180x302x142 mm.



20mbar CHECK VALVE

It is always inside the ball valve (B) of the return way, it prevents the natural circulation of the fluid (thermosiphon effect). The check valve can be excluded by rotating the handle by 45° clockwise from the opening position.



FIELD OF UTILIZATION

For power up to 30 kW (with Δt 20 K) and maximum flow 1300 l/h. Kvs Value: 5,2.

Approximate data calculated with a 6 m nominal lifting power circulating pump. For an accurate measuring or for higher flows, please refer to the curve of the circulating pump.

M2 PDC UNMIXED PUMP UNITS - DN20 SERIES

PERFORMANCE CURVES OF THE PUMP UNIT AND OF THE CIRCULATING PUMPS

