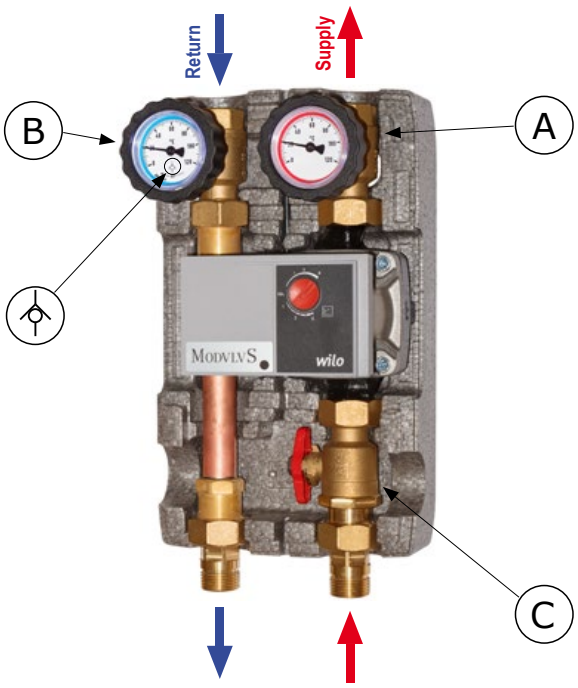
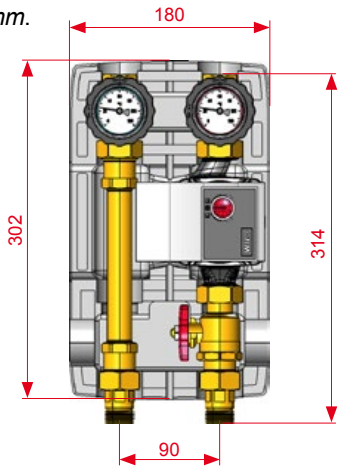
Installation instructions



MEASUREMENTS

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

Measurements: 180x302x142 mm.



SERVICE

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

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 rotationg the handle by 45° clockwise from the opening position.

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.**

FIELD OF UTILIZATION

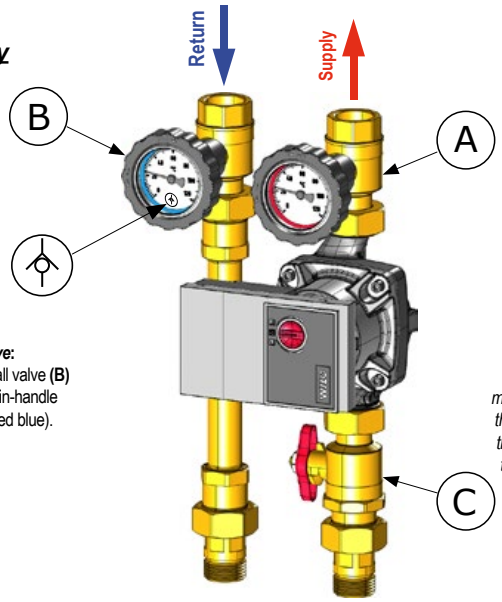
For power up to 35 kW (with Δt 20 K) and maximum flow 1500 l/h.
Kvs Value: 6,0.

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.

INVERSION OF THE PUMP UNIT. LEFT SUPPLY.

All **M2** pump units can be inversed to change the supply way from right side (the most popular execution) to the left side.

Right supply

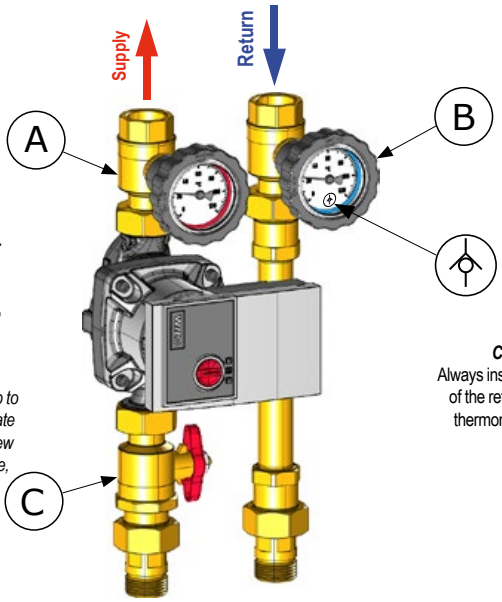


Check valve:
Always inside the ball valve **(B)** of the return way (in-handle thermometer coded blue).

INVERT THE RIGHT WAY WITH THE LEFT WAY AND ROTATE THE MOTOR OF CIRCULATING PUMP BY 180°

Circulating pump:
move the circulation pump to the opposite way and rotate the motor by 180°(unscrew the special screws, rotate, screw again)

Left supply



Check valve:
Always inside the ball valve **(B)** of the return way (in-handle thermometer coded blue).

(A) Ball valve on the supply way (in-handle thermometer coded red).
(B) Ball valve on the return way (in-handle thermometer coded blue) with check valve.

The ball valve (C) before the circulation pump must be placed with the control rod towards the return way to allow the closing of the isolation.