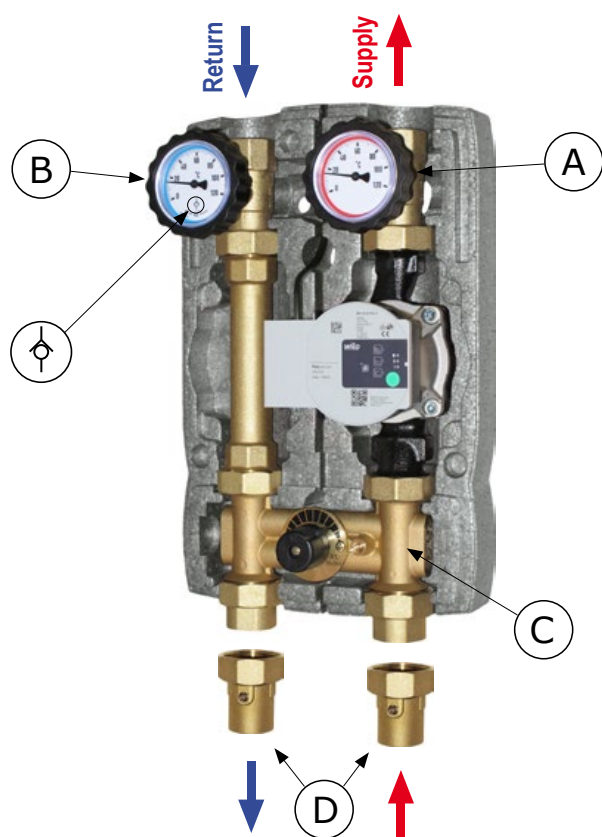




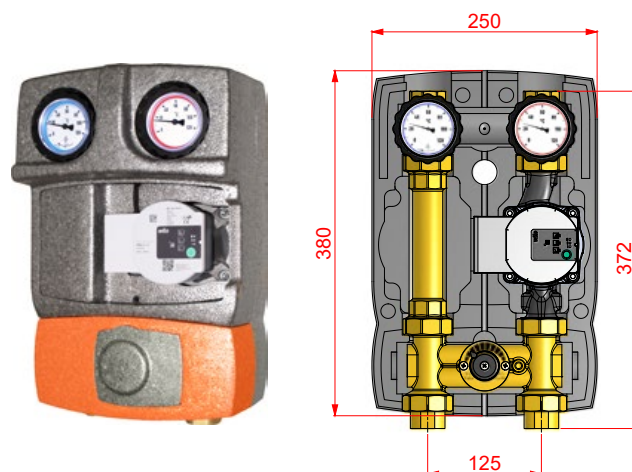
Installation instructions



DIMENSIONS

EPP insulation box: the insulation covering includes a central inside part that hugs the circulating pump and that allows the passage of the cable of the circulating pump. Outlets for the passage of the cables towards the upper part and the lower part of the insulation box.

Dimensions: 250x380x170 mm.



SERVICE

We recommend you to install two isolation ball valves **(D)** (optional) before the pump unit to allow an easy service or replacement of the pump unit components. In this case close the valves **(A)**, **(B)** and **(D)** by rotating the relevant controls clockwise. Once the service is over, open again the valves and restore the pressure of the installation.

20 mbar 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.



TECHNICAL FEATURES

PN 10. Maximum temperature 110°C (calculated with pump unit without circulating pump). Available external connections: 1" F

FIELD OF USE

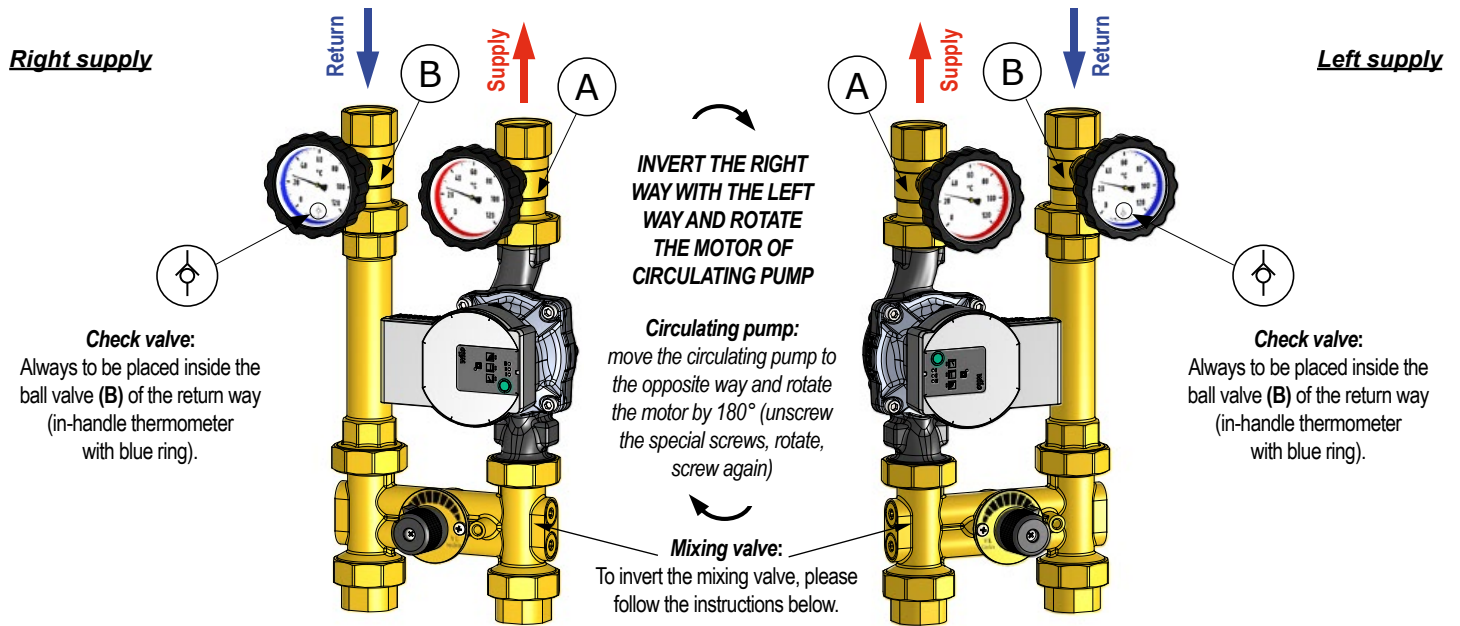
For power up to 28kW (with Δt 20 K) and maximum flow of 1200 l/h. Kvs value: 5.0.

Approximate data calculated with a 6 m head circulating pump. For an accurate measuring or higher flows, please refer to the curves of the circulating pumps.

M2 MIX4 MIXED PUMP UNITS - DN25 SERIES

INVERSION OF THE PUMP UNIT. LEFT SUPPLY.

All M2 MIX4 pump units can be inverted to change the supply way from right side (the most popular execution) to the left side.



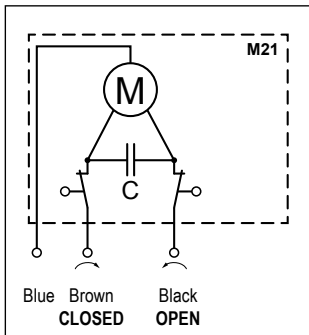
- (A) Ball valve on the supply way (in-handle thermometer with red ring)
- (B) Ball valve on the return way (in-handle thermometer with blue ring) with check valve

INSTRUCTIONS TO CONNECT A SERVOMOTOR AND TO INVERT THE MIXING VALVE

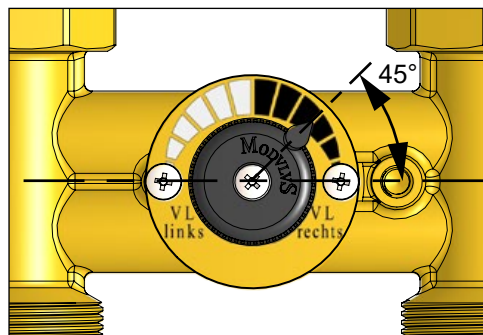
Conversion of the mixing valve from right to left. Position the indicator of the handle on the "VL links" scale for the supply on the left, or on the "VL rechts" scale for the supply on the right.

Mounting of an actuator. Define the supply side (VL links or VL rechts), turn the handle to an angle of 45° as shown in the figures below; remove the handle (by taking care not to rotate the rod) and mount the actuator using the special kit included in its package.

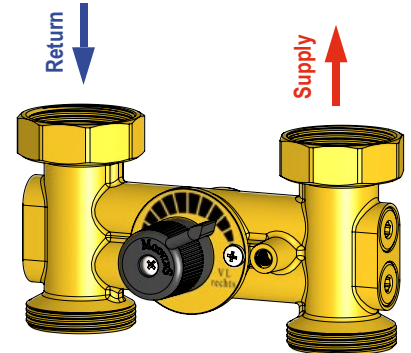
Right supply



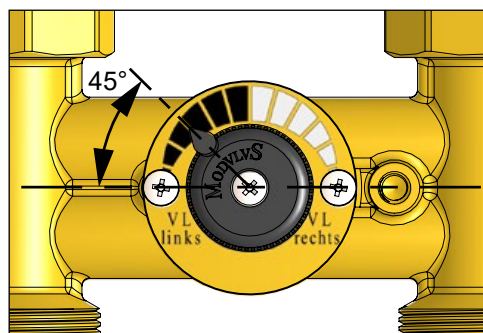
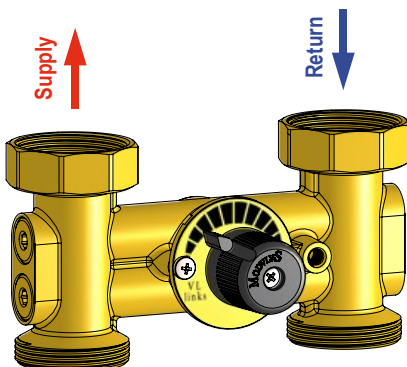
Mounting of the servomotor: positioning at 45° of the rod and electric connections



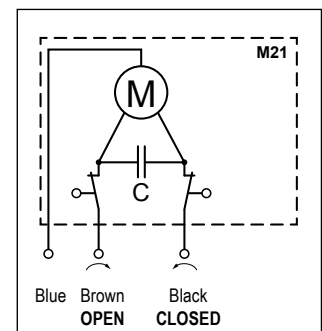
Right Supply: setting inside the black scale



Left supply



Left Supply: setting inside the black scale



Mounting of the servomotor: positioning at 45° of the rod and electric connections

For the setting and for the possible inversion of the overpressure balancing by-pass, available in the M3 model pump units, please refer to the specific instructions sheet.