

“HIGH EFFICIENCY” PUMP UNITS



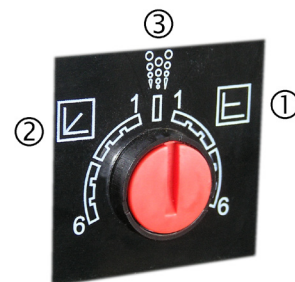
High efficiency pump units with special insulation box suitable for the A class Wilo Stratos-Pico OEM 25/1-6 circulating pump. Differential pressure control integrated into the pump, thanks to the electronically commutated motor: working with Δp -constant or Δp -variable.

① Δp -constant: suitable for heating circuits with a stable pressure drop (i.g. underfloor heating installations) or for plants (i.g. radiator installations) where the pressure drop of pipes is negligible in comparison with the pressure drop of the thermostatic radiator valves or where, independently from open thermostatic radiator valves, the same differential pressure is requested.

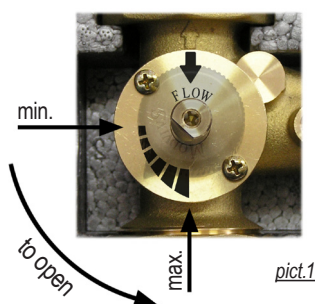
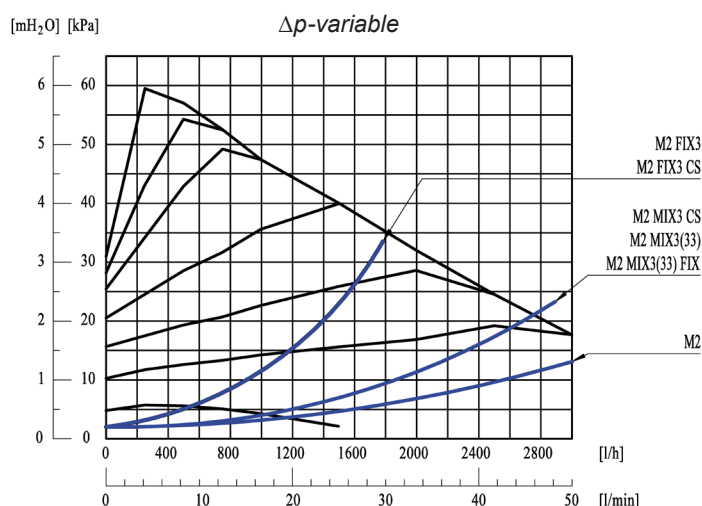
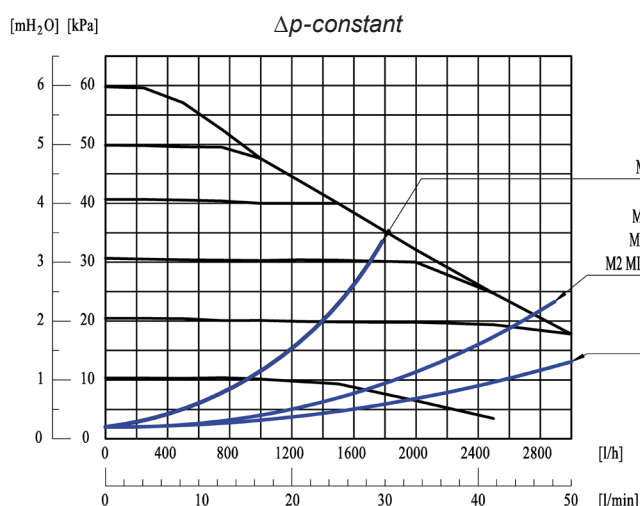
② Δp -variable: in order to achieve the maximum energy saving and noise reduction. It is recommended in plants where the pressure drop of the pipes is higher than the pressure drop of the regulation valves or, more simply, if the required differential pressure decreases when the flow is reduced.

③ Air venting routine: please select this mode at the first starting of the installation. The routine, 10 minutes duration, makes the pump motor running alternatively at high and low speed to help air bubbles to agglomerate and to go to air vent of the installation.

Once the routine is finished select the chosen working mode: Δp -constant or Δp -variable.



Distinctive performance curves of the pump units and of the circulating pump (power consumption from 3 to 40W)



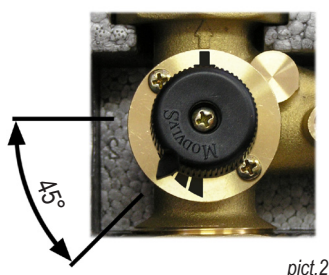
3-way mixing valve

The pump units equipped with this device have the mixing valve mounted on the return way. To do the manual adjustment of the mixing valve, rotate the knob along the graduate scale from the closing position towards the fully open position (picture 1). The opening direction is anticlockwise.



pict.3

particular of a mixed pump unit + M21

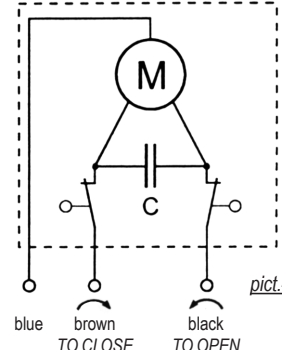


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Servomotor for 3-way mixing valve

- To mount the bidirectional, 3 points servomotor M21 (optional) please conform to the following directions:
- Put the control knob of the mixing valve at 45°, as indicated in the picture 2.
- Remove the knob without rotating it and mount the servomotor by means of the special kit (to do this operation follow the directions of the servomotor) and put the servomotor knob ① as shown in the picture 3.
- Do the electrical connections (to be done by qualified staff only) following the directions on the picture 4.

M21 SERVOMOTOR CONNECTIONS



pict.4