

INSTALLATION GUIDANCE

Thermostatic Pre Mixer 3/4

B&M SKU: ID09028.1-34 Idral code: 09028.1-34

Installation sequence

- 1 Verify that the selected connection size, flow, pressure and temperature limits match the installation. Flush both supplies before fitting.
- 2 Connect hot water to the marked C inlet and cold water to the marked F inlet. Install horizontally or vertically with access for adjustment, strainer cleaning and replacement.
- 3 Do not expose the valve to installation heat, steam or freezing. Avoid excess thread sealant.
- 4 Aim for equal hot and cold dynamic pressures; observe the maximum 1:2 supply-pressure imbalance. Provide suitable pressure control where required.
- 5 Commission with the hot supply at its normal temperature. Run the nearest mixed outlet for at least one minute and measure its stabilized temperature.
- 6 Release the cap locking screw if needed. Turn clockwise for cooler water or anticlockwise for warmer water; refit and secure the cap after setting.

Important

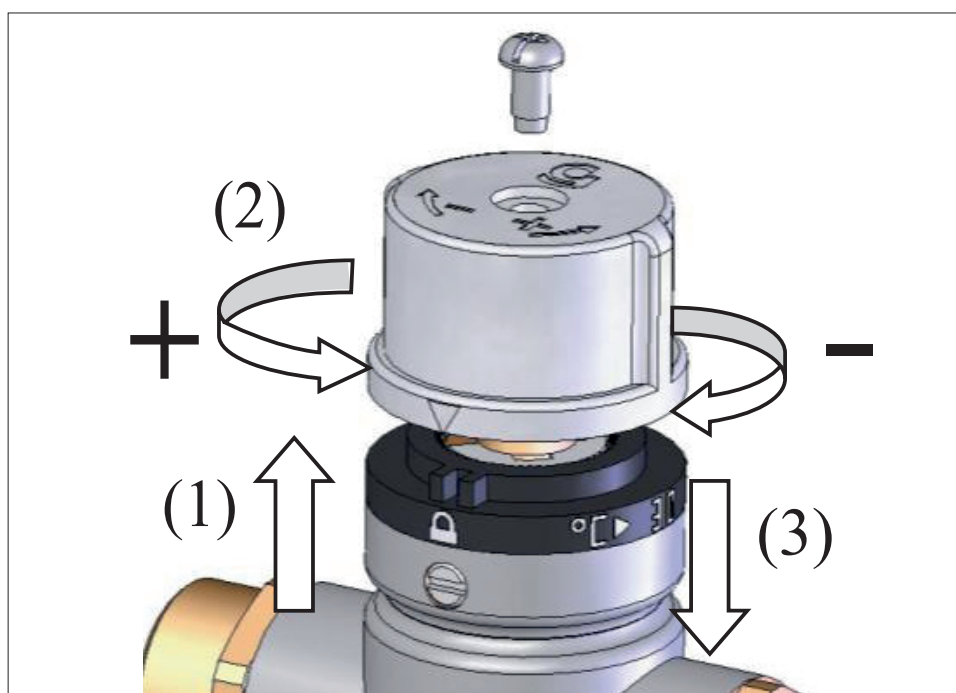
Based on Idral ISTA24-00. Minimum flow 4 l/min; dynamic pressure 0.5-6 bar; static pressure maximum 10 bar; hot inlet maximum 90 C; cold inlet 5-30 C; hot-to-mixed differential at least 15 C. Cold-failure anti-scald performance is stated only at a mixed setting of 38 C or below.

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Idral assembly details



IT	1/2"	3/4"
Campo di regolazione	30 a 50°C	35 a 65° C
Temperatura alimentazione acqua calda	90°C max	90°C
Temperatura alimentazione acqua fredda	5 to 30°C	5 to 30°C
Temperatura minima differenziale (calda-mix)	15°C	15°C
Tolleranza di regolazione	+/- 2°C	+/- 3°C
Pressione di alimentazione statica (max)	10 Bar	10 Bar
Pressione di esercizio dinamica	0.5 a 6 Bar	0.5 a 6 Bar
Portata minima	4 l/min	4 l/min
Portata nominale a 3 bar	30 l/min	55 l/min
Rapporto delle pressioni in alimentazione	1:2 max	1:2 max
Chiusura di sicurezza acqua calda	fino a 38°C max	fino a 38°C max

Source: Idral ISTA24-00 / page 11