

Thermostatic mixing valves for group facilities

- 3 to 190 L/min flow rate depending on the model
- Recommended pressure: 2-4 bars
- Max. pressure: 10 bars
- Max. hot water temperature: 85°C
- Option of reversing the outlet position for the mixed water
- Anti-scald mixed water safety cut-off
- System of 1 to 21 points-of-use

ST and SE Thermostatic mixers

- **ST** : thermostatic mixing valve for supply point with mixed water at 38°C (adjustment range: 32-45°C) with blue adjustment ring.
- **SE** : thermostatic mixing valve for hot water distribution in the circulating loop > 55°C (adjustment range: 45-60°C) with red adjustment ring.

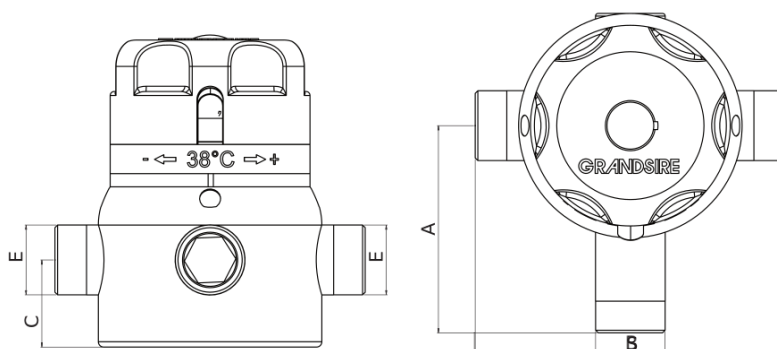
Key features

- Solid brass CW617N, chrome-plated finish
- Handle with 38°C lock
- Integrated NF check valves



Advantages

- **Anti-scald safety valve** : The inner workings of the mixers also ensure user safety in the event of the cold water supply cutting out, as the mixer automatically stops the hot water supply.
- **Simplified maintenance** : No need to dismantle the mixer to change or clean an internal part, so easy to descale and disinfect. The check valves and filters are both accessible from the outside without needing to dismanthe the bonnet, which means you can retain your settings.
- **Reaction and accuracy of control** : Using an internal thermostatic element means your temperature control is accurate to within a degree, and it thus reacts immediately in the event of pressure or inflow disturbances.
- **Integrated NF non-return valves** : Avoiding all contact between hot and cold water.



Technicals descriptions

Ref		Description	Flow rate (L/min)	Dimensions (mm)			Inlets	Outlet
ST	SE			A	B	C		
BS118070	BS118074	3/4"	75	78,5	118	33	M3/4"	M3/4"
BS118071	BS118075	1"	90	80	160	33	M1"	M1"
BS118072	BS118080	1" 1/4	140	88	178	36	M1"1/4	M1"1/4
BS118073	BS118081	1" 1/2	190	98	196	32	M1"1/2	M1"1/2

For optimal operation, it is recommended that your supply pressure is 3 bars and does not go beyond pressure drops of 1 bar. Then if we obtain a probable flow rate of 80 L/min the closest mixer to this value at 1 bar pressure drop would be the 1"1/4 model. This selection guide is not contractual, it is designed to help determine the most appropriate products on the basis of theoretical conditions. The installer is responsible for the selection of products.