

THERMOSTATIC MIXERS FOR SOLAR SYSTEMS

Thermostatic mixers, **Art. 70S**, by te-sa are designed and manufactured for applications in solar systems. Its function is to maintain at the set value, via the control knob, the temperature of the hot mixed water.

Manufactured to work with temperatures of inlet hot water up to 100 °C.



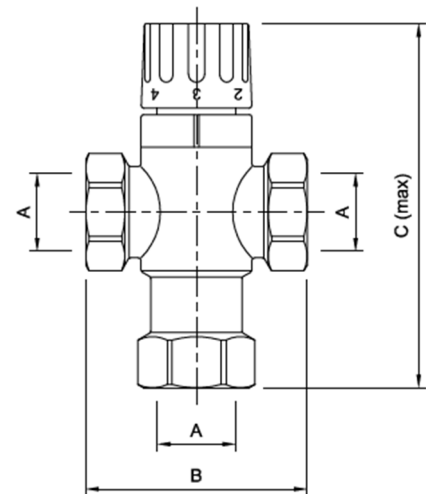
Technical data

Materials

- Brass components : Alloy UNI EN 12165 CW617N
- Surface: Chrome plated
- Seal components: EDPM
- Handle: Nylon
- Spring: Stainless steel
- Setting range: 30°C - 65°C
- Max working pressure: 10 bar
- Recommended working pressure: 1 - 5 bar
- Maximum inlet temperature 100°C

Calibration

The mixer is calibrated at plant, using cold water at 20°C and hot water at 70°C at pressure 3 bar so that the number printed on the knob indicate the following temperatures:



ART.	A	B	C	Kv
70S-05	3/4" F	69,5	119	1,8
70S-06	1" F	78	132	3,2

HANDLE POSITION	Min	1	2	3	4	5	Max
TEMP. °C	-	30	38	42	52	65	-

PRODUCT RANGE:

Art. 70S-05: Thermostatic mixing valve for solar systems. Connections 3/4" F.

Art. 70S-06: Thermostatic mixing valve for solar systems. Connections 1" F.