

SOLAR THERMOSTATIC MIXING VALVE

Technical datasheet Nr 22

The solar thermostatic mixing valve installed at the outlet of the tank is designed to maintain the Domestic Hot Water at a constant temperature in solar systems. It ensures a comfortable control of hot water and it allows significant savings.



• MATERIALS:

- Brass body
- Stainless steel spring, PSU shutter
- EPDM seal components
- Scale-resistant material with high heat resistance

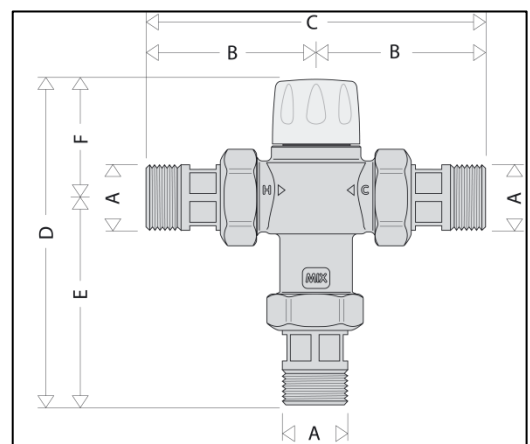
• TECHNICAL SPECIFICATIONS:

Reference	Ø	Integrated non-return check valves	Setting range	Kv (m ³ /h)	Min. flow rate (m ³ /h)	Max. flow rate (m ³ /h)
70010192297	3/4"	No	35-60°C	1.55	0.24	4.9
70010192458	1"	Yes	30-65°C	6.9	0.80	8.5
70010192459	1"1/4			9.1	1.00	11.2
70010192500	1"1/2	No	36-60°C	14.5	2.80	17.7
70010192501	2"			19.0	3.00	23.2

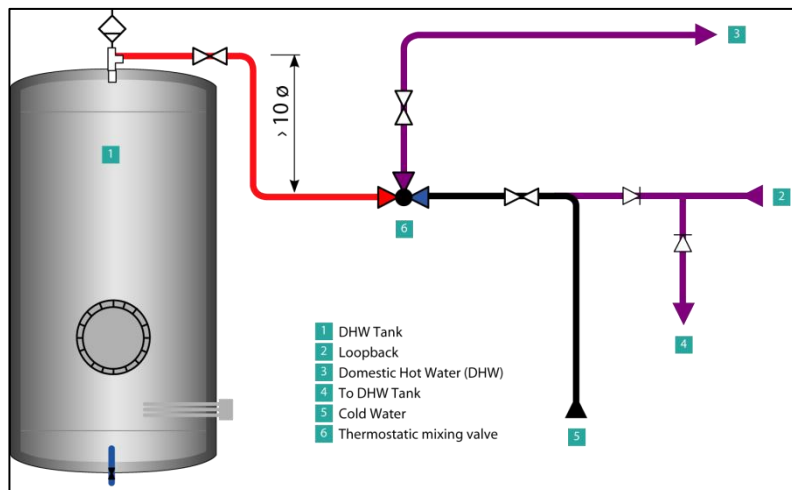
Reference	Max. working static pressure (bar)	Max. working dynamic pressure (bar)	Min. temperature difference between hot water at inlet and mixed water at outlet for optimum performance (°C)	Max. inlet temperature (°C)	ACS
70010192297	10	3	10	95	No
70010192458 70010192459 70010192500 70010192501	14	5	15	110	Yes

• DIMENSIONS:

Reference	A	B	C	D	E	F	kg
70010192297	3/4"	35	52	94	42	52	0.45
70010192458	1"	104	208	198	109	89	3.14
70010192459	1"1/4	104	208	198	109	89	3.15
70010192500	1"1/2	127	254	248	135	113	8.05
70010192501	2"	131	262	252	139	113	8.30



Non-contractual photo



Operating principle and mounting distance