NE-665F

THERMOSTATIC MIXING VALVE HIGH FLOW

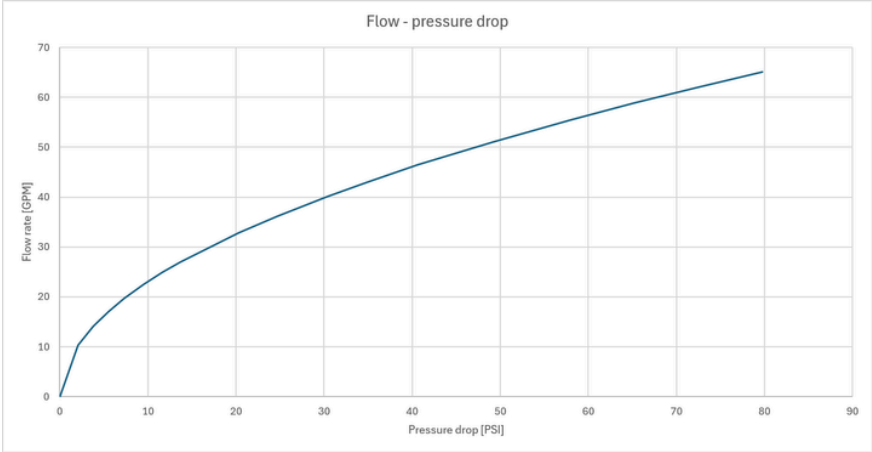
The thermostatic mixing valve is used in systems that produce domestic hot water. It is designed to maintain the preset temperature of the mixed water delivered to the user outlet, even when there are variations in the temperature and pressure of the hot and cold water at the inlet, or in the flow rate being drawn off.

CSA APPROVALS

- NSF/ANSI/CAN 61-2022
- NSF/ANSI/CAN 372-2022
- ASSE/ANSI 1017-2023

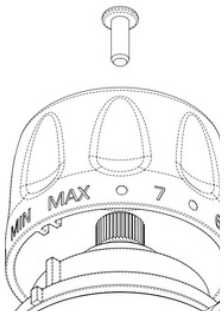
TECHNICAL DATA

Max staticpressure:	PN14 [203 psi]
Adjustment temperature range :	35°C - 65°C [95°F - 149°F]
Accuracy :	± 2°C
Max inlet temperature hot water: Min	90°C [194°F]
inlet temperature hot water: Max inlet	50°C [122°F]
temperature cold water: Min inlet	25°C [77°F]
temperature cold water: Max. inlet	5°C [41°F]
pressure ratio (H/C or C/H)	2:1
Flow:	Kvs = 6 m³/h [Cv = 6,94 Gpm]
Minimum flow rate:	1 m³/h [1,16 Gpm]
Thread:	1"½ ISO 228-1



ADJUSTMENT LOCKING

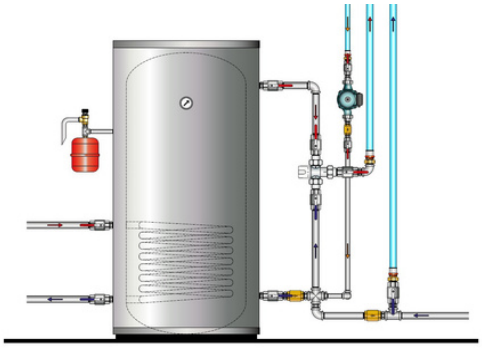
After making the adjustment,it is possible to lock the temperature at the set value using the control knob. To perform this operation, unscrew the set screw located on the upper part of the knob, remove the knob, and reposition it so that the internal reference fits into the recess on the knob holder ring.



TEMPERATURE REGULATION

The temperature adjustment to the desired value is achieved using the control knob with a graduated scale, which is equipped on the valve.

POSITION	MIN	1	2	3	4	5	6	7	MAX
CELSIUS TEMPERATURE	35°C	40°C	43°C	47°C	50°C	54°C	58°C	61°C	65°C
FAHRENHEIT TEMPERATURE	95°F	104°F	109,4°F	116,6°F	122°F	129,2°F	136,4°F	141,8°F	149°F



(REQUIRED METHOD OF PIPING) or (TYPICAL INSTALLATION)

Thermostatic mixing valve with G1"1/2 (ISO 228-1) male flat connection. Cast low lead brass body with SLT treatment, CW724R brass small parts, EPDM seals, and stainless steel springs. Maximum operating temperature: 90°C. Operating temperature range: 35°C to 65°C. Maximum operating pressure: 14 bar. Accuracy: ±2°C. Equipped with anti-tampering locking mechanism for the regulation.

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