H-TMV-230F Input - Thermostatic Mixing Valves - 230 Max Input (Solar)

H-7x26W Series

Thermostatic Mixing Valve w/ Integral Check Valves

Forged Brass Valve
w/ DZR Brass G-Series Union Fittings
Temperature Locking Handle
For Solar Applications - Max Input 230ºF
Outlet Temperature Range 104º- 176ºF

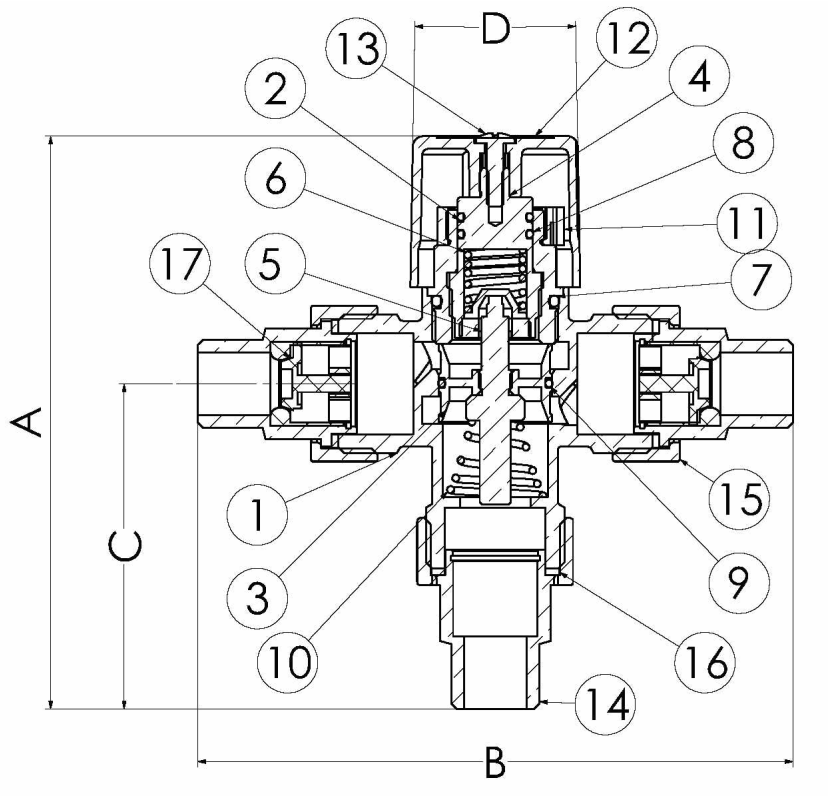
Certifications

Certified to NSF/ANSI 61 & 372, ASSE 1017 - Body (H-70060W) certified by CSA to ASSE 1017

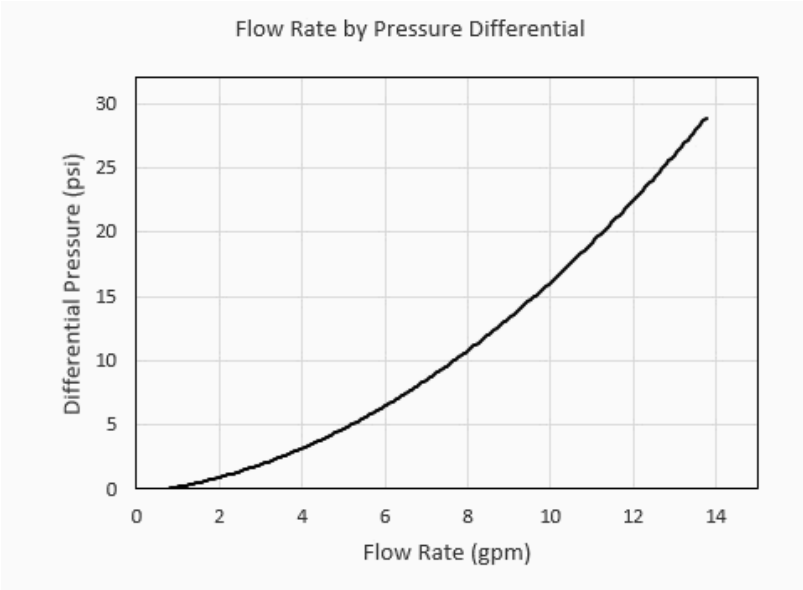
Size (in)	Item#	Weight (lbs)	CTN Qty	Case Qty	A	B	C	D	Cracking Pressure
FIP									**150 PSI CWP Max** **230ºF Max**
1/2"	H-72262W	2.05	1	10	5.50	6.25	3.38	1.56	0.58 PSI
3/4"	H-72263W	2.07	1	10	5.50	6.25	3.38	1.56	0.58 PSI
1"	H-72264W	2.34	1	10	5.56	6.38	3.44	1.56	0.58 PSI
MIP									**150 PSI CWP Max** **230ºF Max**
3/4"	H-74263W	1.76	1	10	5.26	5.66	3.12	1.56	0.58 PSI
1/2"	H-74262W	1.78	1	10	5.22	5.60	3.06	1.56	0.58 PSI
1"	H-74264W	2.16	1	10	5.69	6.50	3.52	1.56	0.58 PSI
Press									**150 PSI CWP Max** **230ºF Max**
1/2"	H-78262W	1.85	1	10	5.75	6.56	3.56	1.56	0.58 PSI
3/4"	H-78263W	2.02	1	10	6.00	7.06	3.75	1.56	0.58 PSI
1"	H-78264W	2.07	1	10	6.00	7.06	3.75	1.56	0.58 PSI
SWT									**150 PSI CWP Max** **230ºF Max**
1/2"	H-75262W	1.56	1	10	5.15	5.44	3.00	1.56	0.58 PSI
3/4"	H-75263W	1.83	1	10	5.61	6.44	3.52	1.56	0.58 PSI
1"	H-75264W	2.09	1	10	5.80	6.69	3.63	1.56	0.58 PSI

REV:9/27/2024

LEAD-FREE: Weighted average lead content ≤ 0.25%



NO.	DESCRIPTION	MATERIAL
1	Body	Brass
2	Cap	Brass
3	Piston	Brass HCP
4	Spindle	Brass
5	Element	Wax Filled Copper
6	Spindle Spring	Stainless Steel
7	O-Ring	EPDM
8	O-Ring	EPDM
9	O-Ring	EPDM
10	Spring	Stainless Steel
11	Locking Ring	Plastic
12	Adjustment Cap	Plastic
13	Locking Screw	Stainless Steel
14	Fitting	Brass
15	Union Nut	Brass
16	Gasket	EPDM
17	Check Valve	Plastic



Hot Inlet Temperature Range	120 - 230°F (49 - 110°C)
Cold Inlet Temperature Range	39 - 80°F (4 - 27°C)
Working Pressure Range	30 - 150 psi (2 - 10 bar)
Minimum Temperature Differential Between Hot Supply and Mixed Outlet [1]	20°F (11°C)
Maximum Inlet Pressure Ratio [2]	2:1
Minimum Flow Rate for optimal performance	0.5 gpm (2 L/min)
C_v	2.5

1. Required minimum temperature difference between the mixed outlet and the hot supply to enable the valve to function correctly and ensure automatic reduction of outlet flow in the event of cold supply failure.

2. Maximum permitted variation in Hot/Cold or Cold/Hot supply pressure in order to control the outlet temperature to within ± 5°F. Excessive fluctuation in supply pressures may cause outlet temperature to be outside of specified tolerance.

Specifications: Designed for use with in residential or commercial plumbing and heating systems. Threaded (NPT) ends comply with ANSI B1.20.1. Solder joint temperature ratings are per ASME B16.18 Annex A for 95-5 solder. Do not silver braze or overheat valves when soldering. EPDM o-rings for press ends.

REV:9/27/2024