

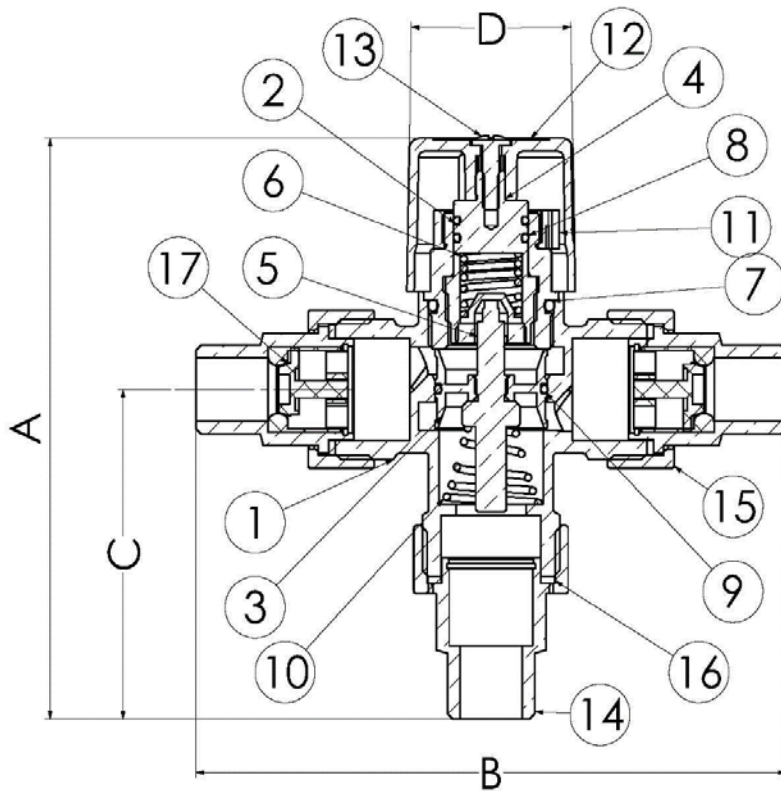
Thermostatic Mixing Valve w/ Integral Check Valves
 Forged Brass Valve
 w/ Temperature Locking Handle
 & G1 Union Connections
 For High Temperature Hydronic Applications
 Outlet Temperature Range 104° - 176°F
 Lead Free
 Max Operating Pressure: 150 PSI

ITEM#	Connection	SIZE (in)	CTN	CASE	A	B	C	D
H-71272W	F1807 PEX	1/2	1	10	5.30	5.72	3.15	1.56
H-71273W	F1807 PEX	3/4	1	10	5.25	5.67	3.11	1.56
H-72272W	FIP	1/2	1	10	5.50	6.25	3.38	1.56
H-72273W	FIP	3/4	1	10	5.50	6.25	3.38	1.56
H-72274W	FIP	1	1	10	5.56	6.38	3.45	1.56
H-73272W	F1960 PEX	1/2	1	10	5.50	6.50	3.50	1.56
H-73273W	F1960 PEX	3/4	1	10	5.75	7.00	3.75	1.56
H-74272W	MIP	1/2	1	10	5.22	5.60	3.06	1.56
H-74273W	MIP	3/4	1	10	5.26	5.66	3.12	1.56
H-74274W	MIP	1	1	10	5.69	6.50	3.52	1.56
H-75272W	CxC	1/2	1	10	5.15	5.44	3.00	1.56
H-75273W	CxC	3/4	1	10	5.61	6.44	3.52	1.56
H-75274W	CxC	1	1	10	5.80	6.69	3.63	1.56
H-78272W	Press	1/2	1	10	5.75	6.56	3.56	1.56
H-78273W	Press	3/4	1	10	6.00	7.06	3.75	1.56
H-78274W	Press	1	1	10	6.00	7.06	3.75	1.56

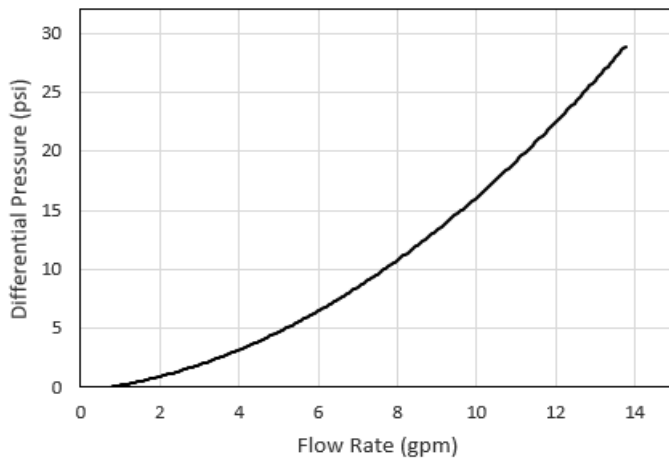


Hot Inlet Temperature Range	120 - 203°F (49 - 95°C)
Cold Inlet Temperature Range	39 - 80°F (4 - 27°C)
Working Pressure Range	30 - 150 psi (2 - 10 bar)
Minimum Temperature Differential Between Hot Supply and Mixed Outlet ¹	20°F (11°C)
Maximum Inlet Pressure Ratio ²	2:1
Minimum Flow Rate <i>for optimal performance</i>	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.	

Designed for residential or commercial use. Threaded ends comply with ANSI B1.20.1. Solder joint temperature ratings are per ASME B16.18 Annex A for 95-5 solder. Other solder materials have lower pressure/temperature limits. Do not silver braze or overheat valves when soldering.



Flow Rate by Pressure Differential



NO.	DESCRIPTION	MATERIAL
1	Body	Brass
2	End 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



H-7007W Series

Thermostatic Mixing Valve Body
 Forged Brass Valve
 Requires (3) G1 Union Connections (Sold Separately)
 Outlet Temperature Range 104°- 176°F

Certifications
 Lead-Free
 Certified to NSF/ANSI 61 & 372, ASSE 1017, CSA B125.3



ITEM#	Connection Type	SIZE (in)	Carton Qty	Case Qty	Pressure Rating	Max Temp
H-70070W	G-Thread	1	1	10	150 PSI CWP Max	203°F Max