



7721W Series

Chrome Plated Forged DZR Brass Thermostatic Mixing Valve
w/ Integral Check Valves, Temperature Locking Handle
& Cold Water By-Pass Fittings
For Point of Use (Single Fixture)
Outlet Temperature Range 95° - 120°F

Certifications

Certified to NSF/ANSI 61 & 372 ASSE 1070

Lead Free



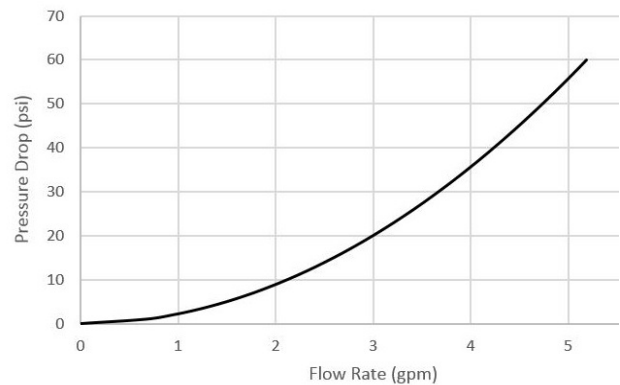
NO.	DESCRIPTION	MATERIAL
1	Cap Screw	Stainless Steel
2	Cap	Plastic
3	Locking Nut	Brass
4	End Cap	Brass
5	O-Ring	EPDM
6	Adjustment Spindle	Brass
7	O-Ring	EPDM
8	Shuttle	Plastic
9	O-Ring	EPDM
10	Element	Wax Filled Copper
11	Spring	Stainless Steel
12	Body	Brass
13	Check Valve	Plastic
14	Strainer	Stainless Steel
15	Mounting Bracket	Plastic
16	Hot Inlet Elbow Fitting	Brass
17	Cold Inlet Tee Fitting	Brass
18	Gauge Fitting	Brass

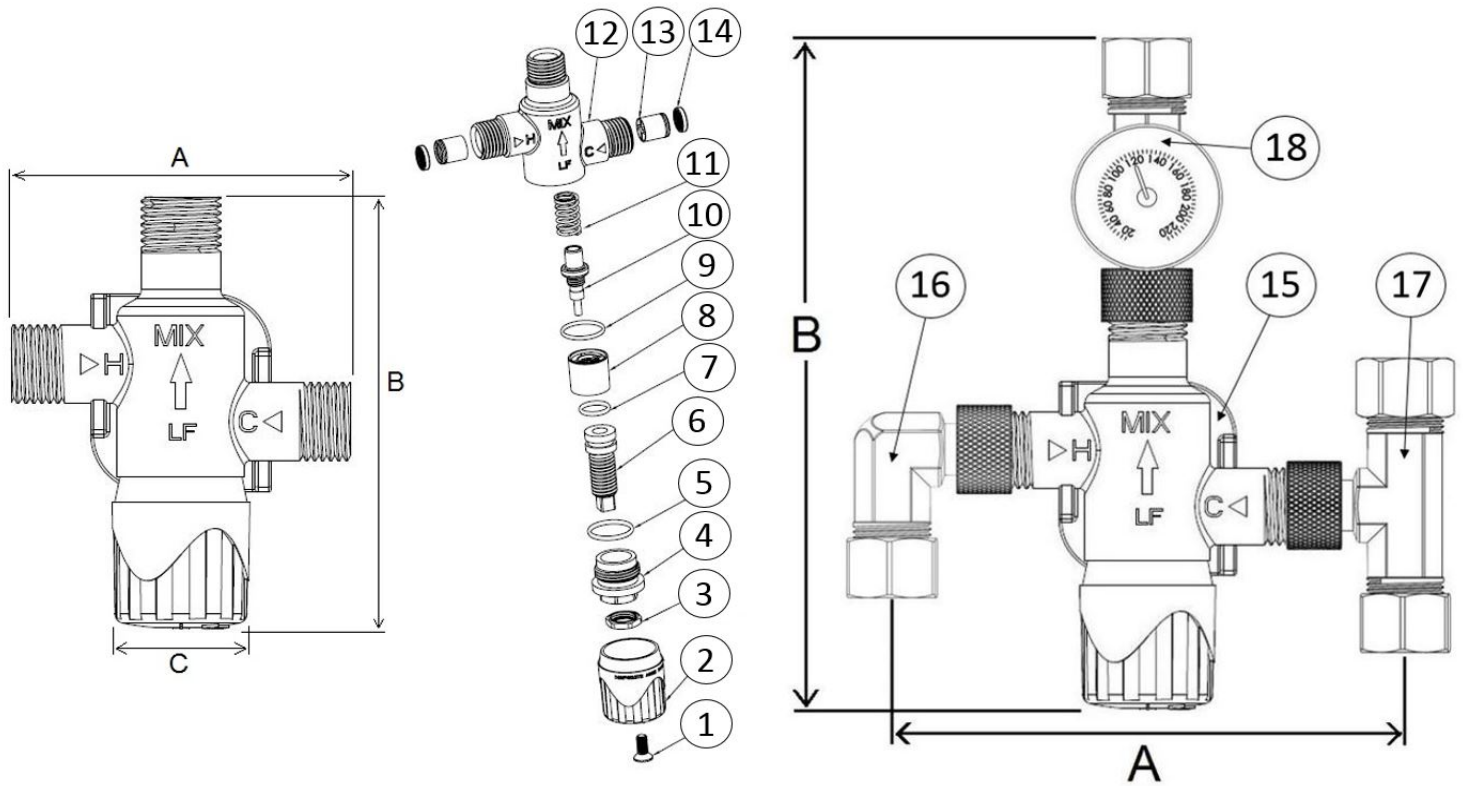
Outlet temperature range	95–120°F (35–48.9°C)
Hot Supply Temperature Range	120–180°F (48.9–82.2°C)
Cold Supply Temperature Range	39–80°F (3.9–26.7°C)
Temperature stability (nominal)	± 5°F ¹ (± 2.8°C)
Temperature differential (between hot supply and outlet temperature)	10°F ² (5.6°C)
Maximum Working Pressure (Inlet)	150 psi (10.3 bar)
Permitted inlet supply pressure variation	± 20% ³
Flow Rate @ 45 psi Pressure Loss	4.5 gpm
Flow Rate, Minimum	0.5 gpm

1. As tested in accordance with ASSE 1070

2. This is the minimum difference required between the valve outlet temperature and the hot supply temperature to enable the valve to function correctly and ensure shut-off of outlet flow in the event of cold supply failure.

3. Maximum permitted variation between the supply pressures in order to control the outlet temperature within ± 5°F. Excessive changes in supply pressures may cause changes in outlet temperature.





Designed for residential or commercial use. Certified by IAPMO to ASSE 1070, NSF/ANSI 61 & 372.

ITEM#	Connection Type	SIZE (OD-in)	Pressure Rating	A	B	C
H-77201W	Compression	3/8	150 PSI	2.54	3.29	1.00
H-77201W-TG	Compression	3/8	150 PSI	2.54	5.13	1.00
H-77211W	Compression	3/8	150 PSI	3.80	3.29	1.00
H-77211W-TG	Compression	3/8	150 PSI	3.80	5.13	1.00