EASYFLEX

SUBMITTAL

THERMOSTATIC MIXING VALVE WITH THERMOSTAT

Project Name: _____ Part # Ordered: _____

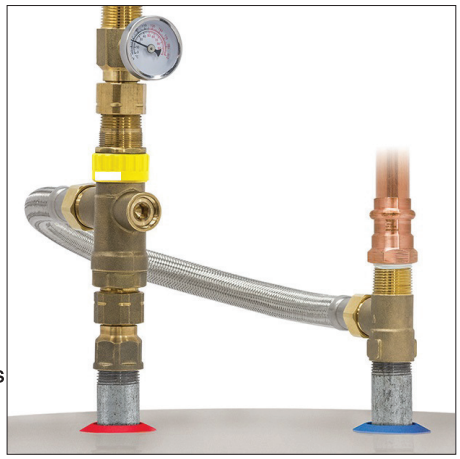
Easyflex Rep: _____ Submitted By: _____

Engineer: _____ Approved By: _____

Contractor: _____ Date Submitted: _____

PRODUCT DESCRIPTION

Easyflex thermostatic mixing valves with a thermostat are designed for precise water temperature control in residential, commercial, and industrial applications. They prevent scalding incidents with accurate blending of hot and cold water, ensuring consistent water temperatures for showers, faucets, and baths, . These valves are easy to install and manufactured with C46500 brass for long-lasting performance and reliability.



PART #	SIZE	DESCRIPTION
☐ EF-MV-01G	3/4" NPT	3/4" NPT brass-alloy thermostatic mixing valve with thermostate, 18"L, 3/4"FIP x 3/4"FIP stainless steel braided connector, brass fittings

MIXING VALVE TECHNICAL SPECIFICATIONS

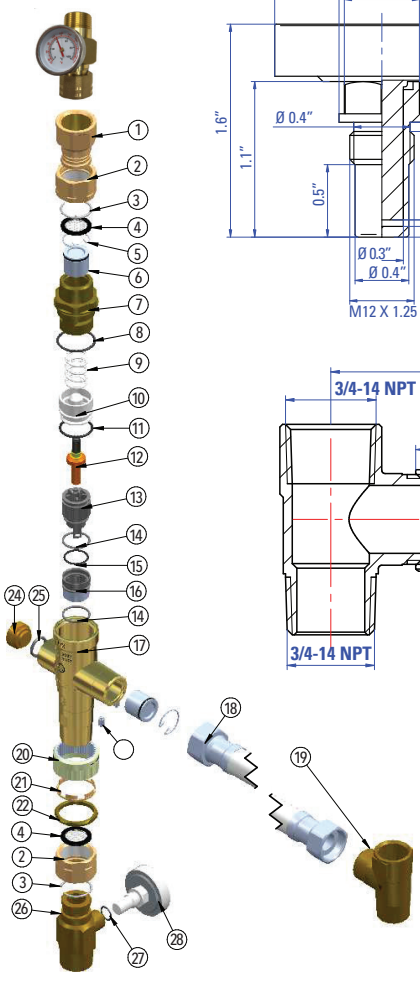
Thermostatic controller factory preset temperature (adjustable)	105.8°F
Accuracy of the outlet temperature	3.6°F
High outlet temperature lower than	120°F
Cold water supply temperature	39°F - 81°F
Hot water supply temperature	120°F - 180°F
Maximum supply pressure	145psi
Temperature differential	18°F
Maximum temperature	194°F
Flow rate minimum	1 gpm
Flow rate maximum	12 gpm

CERTIFICATIONS

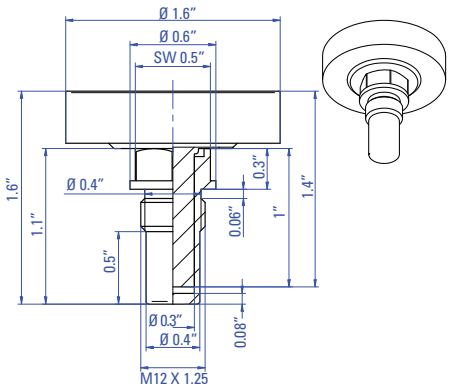
- NSF/ANSI 61, NSF/ANSI 372 Lead Free
- ASSE1017, 1070, A112, CSA B1 25.70-15

MIXING VALVE MATERIAL SPECS

No.	Name	Materials	Qty
1	Union	C46500	1
2	Union Nut	C37700	1
3	Clasp	Stainless-Steel	1
4	Washer	EPDM+Stainless Steel	1
5	Snap Rings	Stainless-Steel	2
6	Check Valve	POM+EPDM+Stainless-Steel	2
7	Bonnet	C46500	1
8	O-Ring	EPDM	1
9	Spring	Stainless Steel	1
10	Piston	PSU	1
11	O-Ring	EPDM	1
12	Bulb	Module	1
13	Bulb Holder	PSU	1
14	O-Ring	EPDM	2
15	O-Ring	EPDM	1
16	Top Cover	PSU	1
17	Body	C46500	1
18	Easyflex SS Connector	C37700+Stainless-Steel+EPDM	1
19	Tee Fitting	C46500	1
20	Hand Wheel	PA66	1
21	Decorative Covers	POM	1
22	Packing Nut	C37700	1
23	O-Ring	EPDM	1
24	Plug Cap	C46500	1
25	Gear	PSU	2
26	Joint	C46500	1
27	O-Ring	EPDM	1
28	Thermostat	N/A	1



THERMOSTAT DIMENSIONS



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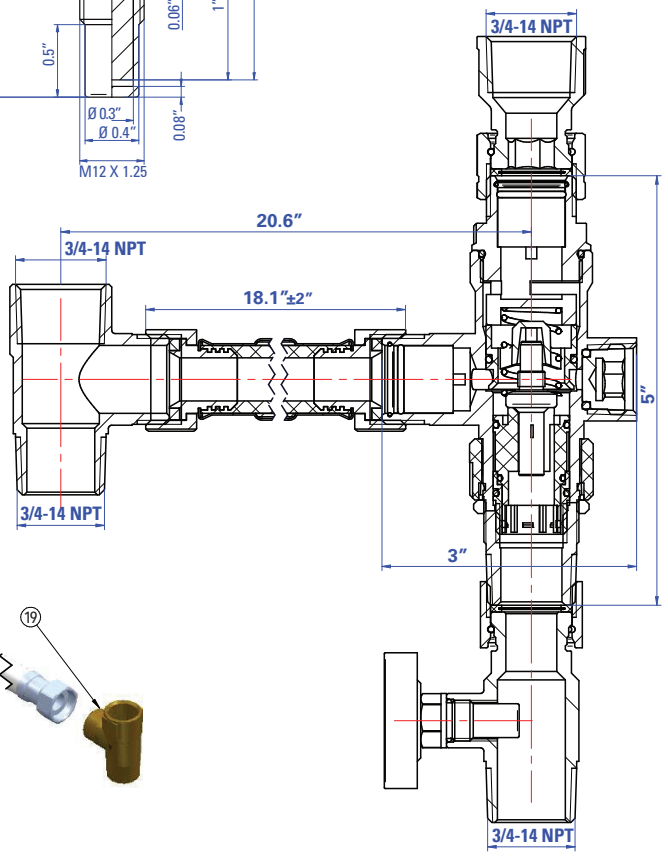

Global Pipe Manufacturer