

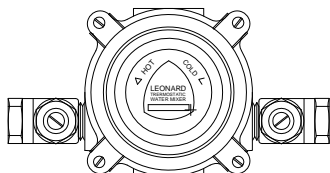
Thermostatic MIXING VALVES

MODEL TA

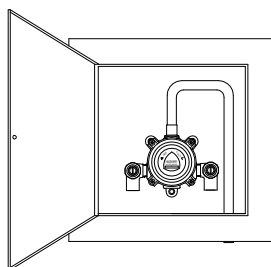
Line Control for Lavatories, Showers, Baths, Sinks,
Specialized Washing Applications

TA-SB
TA-TB
TA-F
TM-554-TA
TA-254-____
TA-254T-____

TA-TB/SB



TA-254



Engineer's Approval

Job # _____

Arch/Eng. _____

Contractor _____

CAUTION! All thermostatic water mixing valves have limitations. They will NOT provide the desired accuracy outside of their flow capacity range. Consult the Flow Capacity Chart and DO NOT OVERSIZE. Minimum flow must be no less than as indicated.

ASSE STANDARD 1017 CERTIFIED



___ **TA-SB**, 1/2" straight checkstops, sweat connections

___ **TA-TB**, 1/2" straight checkstops, IPS connection

___ **TA-F**, 1/2" angle checkstops, sweat connections

- Thermostatic mixing valve for critical line control/process applications
- Dura-trol® solid bimetal thermostat directly linked to valve porting to control the intake of hot and cold water and compensate for supply temperature or pressure fluctuations. Dura-trol® is highly responsive and cannot be damaged by extremes in temperature.
- Adjustable high temperature limit stop set for 110°F * (43°C)
- Maximum operation pressure: 125 PSI (860 KPA)
- Temperature selector handle with scale: COLD-HOT
- Combination straight checkstops on inlets
- Bronze, brass, nylon and stainless steel construction
- See Flow Capacity Chart, Page 2

___ **TM-554-TA ASSEMBLY**, 1/2"

- Thermostatic Water Mixing Valve
- Inlet checkstops
- Outlet piping with ball valve and dial thermometer

___ **TA-254 STSTL CABINET ASSEMBLY**, 1/2"

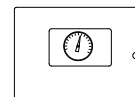
- Thermostatic Water Mixing Valve
- Bottom inlet and outlet piping with copper tube connections
- Recessed cabinet stainless steel, #4 finish, with door, left hand hinge, flange, and cylinder lock
- Bottom inlets and outlet
- Factory assembled and tested

___ **TA-254T-STSTL CABINET ASSEMBLY**, 1/2"

- As above with top outlet

OPTIONS:

- ___ **SUFFIX BWE** - Recessed cabinet, baked white enamel finish
- ___ **SUFFIX 37C** - With dial thermometer on outlet (0-140°F, -10-60°, 3 color)
- ___ **SUFFIX EXP** - Exposed cabinet
- ___ **SUFFIX TOP** - Top inlets
- ___ **SUFFIX CP** - TA-TB only chrome plated
- ___ **VIEW** - Viewport for thermometer in door

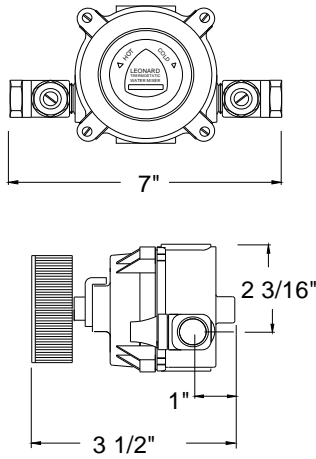


SUFFIX VIEW

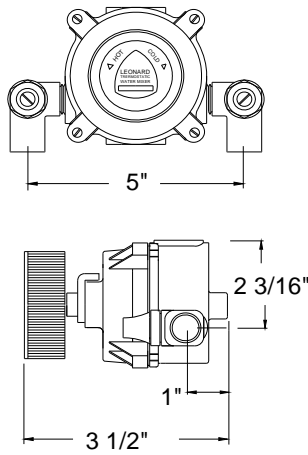


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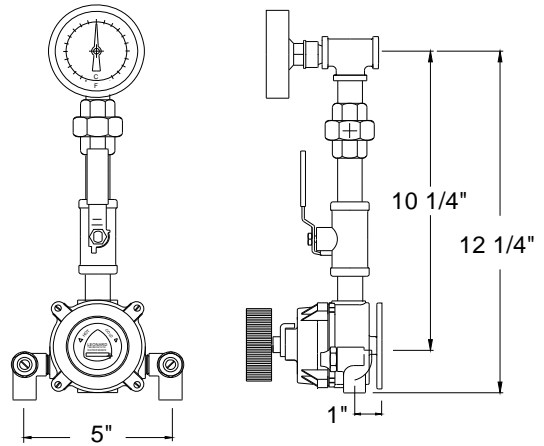
TA-TB/SB



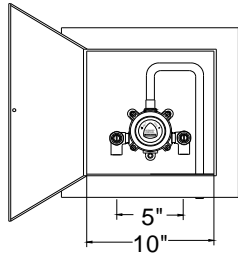
TA-F



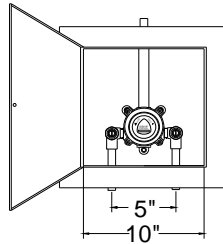
TM-554-TA



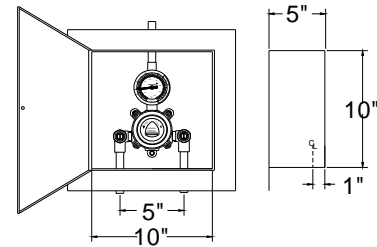
TA-254



TA-254T

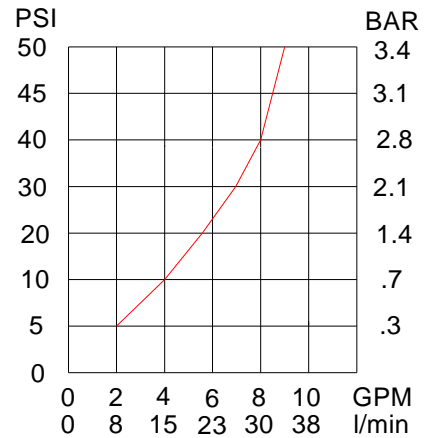


TA-254T-37C



FLOW CAPACITIES

MODEL	IN	OUT	MINIMUM FLOW (GPM)	PRESSURE DROP							PSI
				5	10	20	30	40	45	50	
TA	1/2"	1/2"	0.5	2.0	4	5.5	7	8	8.5	9.0	GPM
			1.9	7.6	15	21	26	30	32	34	LMIN



***NOTE:** A limit stop, set for 110°F (43°C), is simply a mechanical setting to prevent excessive handle rotation. If incoming water is hotter than 135°F (57°C), the temperature of the factory test, the valve when turned to full HOT may deliver water in excess of 110°F and the limit stop MUST BE RESET BY THE INSTALLER



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