



TA-F



210-TB



TA-254T-37C-STSTL-REC

MODEL 210 MODEL TA

LEONARD THERMOSTATIC WATER MIXING VALVES designed for line control of water temperature for lavatories, showers, baths, sinks, solar hot water systems, and special washing applications

DURA-trol® solid bi-metal thermostatic control
Compensates for supply temperature or pressure fluctuations

Adjustable high temperature limit stops set for 110°F (43°C)

Optional cabinets, outlet dial thermometer

Factory pre-assembled and tested systems

Toll-free technical support

ASSE Standard 1017 listed





Model 210 Exposed Units

Locked temperature adjustment with dial plate (C-H)



210-SB

1/2" thermostatic water mixing valve, straight checkstops, copper tube connections on inlets, IPS outlet



210-TB

1/2" thermostatic water mixing valve, straight checkstops, IPS connections on inlets and outlet



210-F

1/2" thermostatic water mixing valve, angle checkstops, copper tube connections on inlets, IPS outlet



TM-554-210

Exposed assembly with angle checkstops, copper tube connections on inlets, outlet ball valve, dial thermometer and piping IPS, factory assembled and tested



Model 210 Cabinet Assemblies

Optional Features:

- Recessed steel cabinet, baked white enamel finish, lock – Suffix BWE-REC
- Exposed cabinet – Suffix EXP

C210-AF-BR-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, bottom outlet piping, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



C210-AF-BR-37C-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, bottom outlet piping with dial thermometer, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



C210-AF-TR-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, top outlet piping, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



C210-AF-TR-37C-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, top outlet piping with dial thermometer, recessed stainless steel cabinet with locking hinged door, factory assembled and tested





Model TA Exposed Units

Temperature regulator knob with warmer indicator



TA-SB

1/2" thermostatic water mixing valve, straight checkstops, copper tube connections on inlets, IPS outlet



TA-TB

1/2" thermostatic water mixing valve, straight checkstops, IPS connections on inlets and outlet



TA-F

1/2" thermostatic water mixing valve, angle checkstops, copper tube connections on inlets, IPS outlet



TM-554-TA

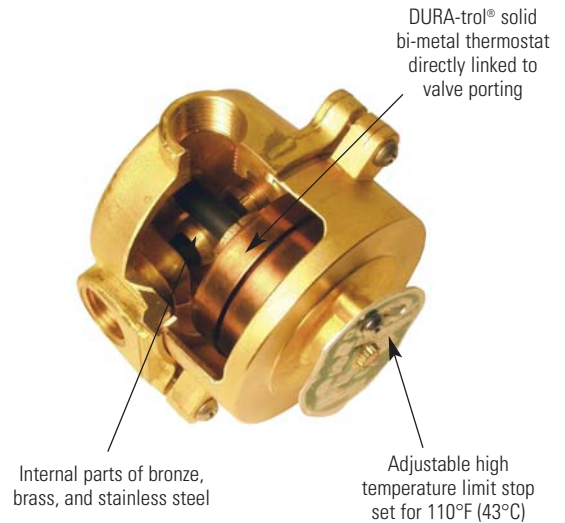
Exposed assembly with angle checkstops, copper tube connections on inlets, outlet ball valve, dial thermometer and piping IPS, factory assembled and tested



Model 210/TA Features

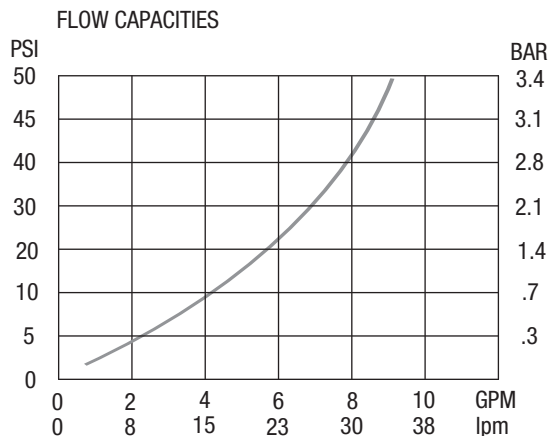
All Model 210 and TA thermostatic water mixing valves include:

- DURA-trol® solid bi-metal thermostats not damaged by extremes in temperatures
- 8°F (4°C) minimum differential between supply and outlet temperatures
- 1/2" connections
- Adjustable high temperature limit stops set for 110°F (43°C), locked temperature settings
- Internal parts of bronze, brass, and stainless steel
- Hot and cold supply checkstops
- ASSE Standard 1017 Listed



Flow Capacities

| MODEL | IN | OUT | MINIMUM FLOW (GPM) lpm | SYSTEM PRESSURE DROP | | | | | | | PSI BAR |
|--------|------|------|---------------------------|----------------------|-----|-----|-----|-----|-----|-----|------------|
| | | | | 5 | 10 | 20 | 30 | 40 | 45 | 50 | |
| 210/TA | 1/2" | 1/2" | 0.5 | 2.0 | 2.9 | 5.3 | 6.9 | 8.3 | 8.7 | 9.0 | GPM |
| | | | 2 | 7.6 | 11 | 20 | 26 | 31 | 33 | 34 | lpm |



NOTE: The 210/TA model must be selected based upon the following:

- Maximum system demand for mixed water (see Leonard's exclusive CASPAK® Sizing Program at www.leonardvalve.com)
- System pressure drop*
- Designer's estimated minimum mixed water flow requirement

* System pressure drop = the pressure available at the inlet of the mixing valve minus the pressure required to operate the farthest fixture, i.e., faucet or shower valve, in the building

Caution: All thermostatic water mixing valves have limitations. They will not provide the desired accuracy outside of their flow capacity range. Consult the above chart and make certain minimum flow is greater than as shown.

Optional Features:

- Recessed steel cabinet, baked white enamel finish, lock – Suffix BWE-REC
- Exposed cabinet- Suffix EXP

TA-254-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, bottom outlet piping, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



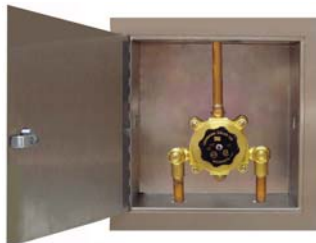
TA-254-37C-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, bottom outlet piping with dial thermometer, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



TA-254T-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, top outlet piping, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



TA-254T-37C-STSTL-REC

Cabinet assembly with angle checkstops, copper tube connections, top outlet piping with dial thermometer, recessed stainless steel cabinet with locking hinged door, factory assembled and tested



Note: All specifications are subject to change without notice!



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