

# Model 210-LF and TA-LF

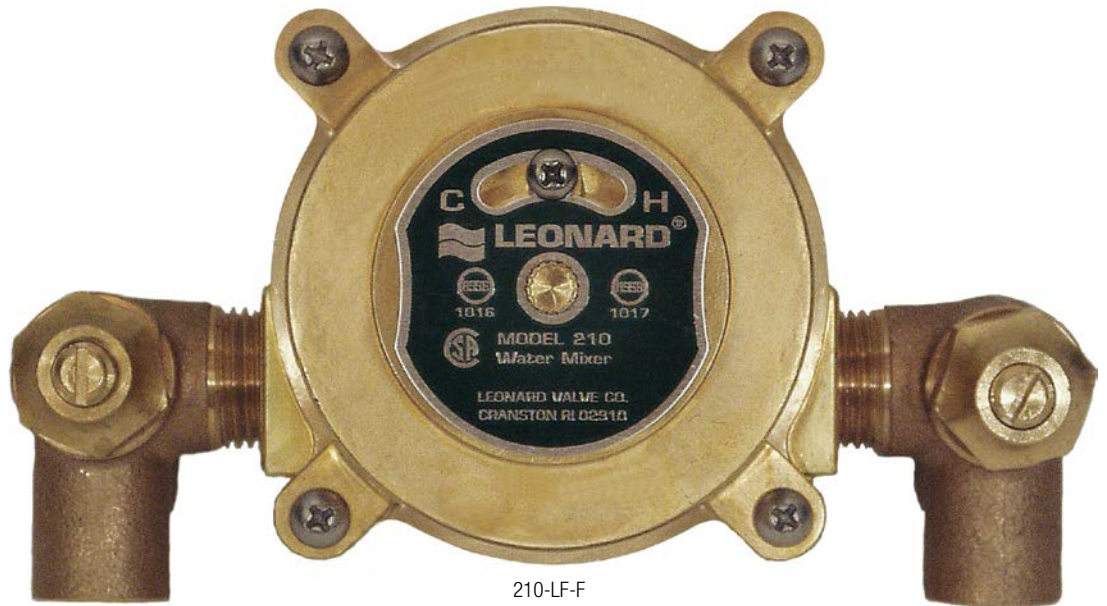


## Leonard Thermostatic Water Mixing Valves

Designed for line control of water temperature for lavatories, showers, baths, sinks, solar hot water systems, and special washing applications



TA-254-LF-T-37C-STSTL-REC

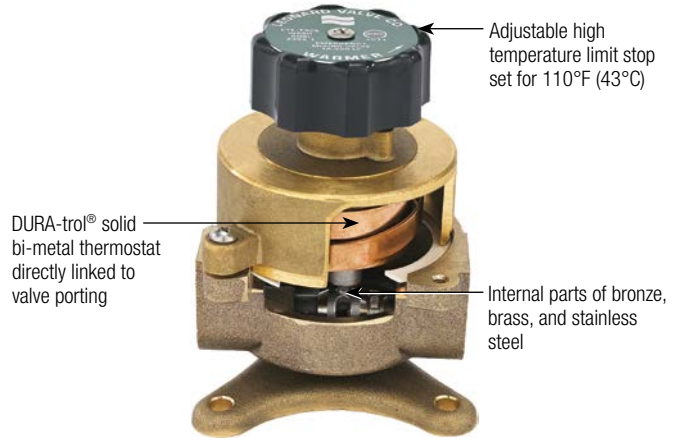


210-LF-F

# Model 210-LF and TA-LF Cabinet Assemblies

## Leonard Thermostatic Water Mixing Valves

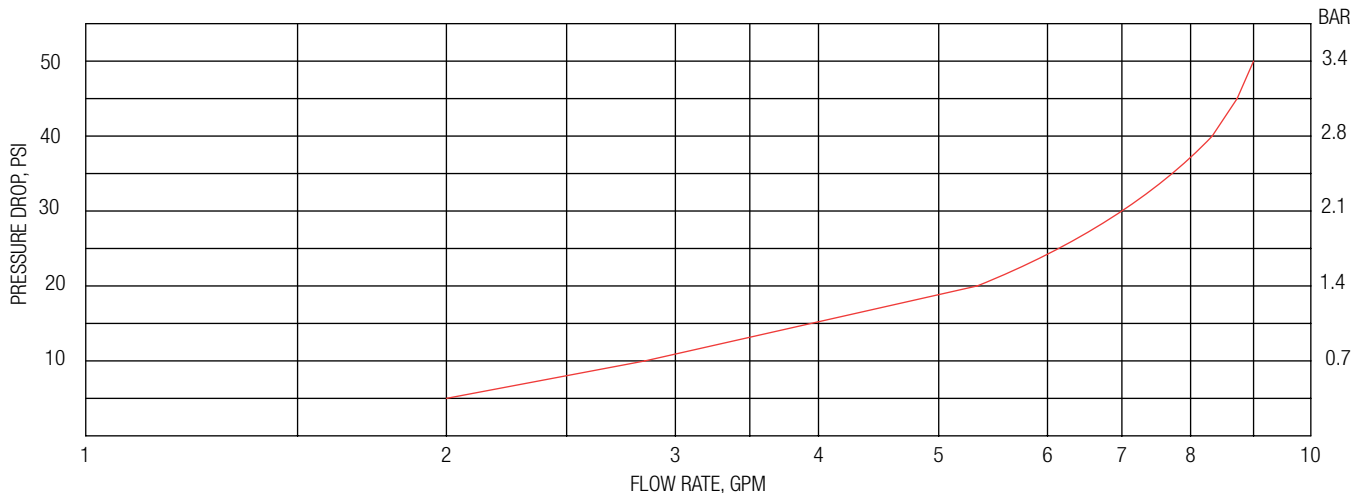
- DURA-trol® solid bi-metal thermostats not damaged by extremes in temperatures
- 8°F (4°C) minimum differential between supply and outlet temperatures
- 1/2" connections
- Adjustable high temperature limit stops set for 110°F (43°C), locked temperature settings
- Internal parts of bronze, brass, and stainless steel, brass body and cover
- Hot and cold supply checkstops
- Compensates for supply temperature or pressure fluctuations
- Optional cabinets, outlet dial thermometer
- Factory-preassembled and tested systems
- Toll-free technical support



**ASSE Standard 1017 Listed and 3rd Party certified as Lead Free**

## Flow Capacities

Models	In	Out	Minimum Flow GPM	PRESSURE DROP							PSI
				5	10	20	30	40	45	50	
			L/MIN	0.3	0.7	1.4	2.1	2.8	3.1	3.4	BAR
210-LF*	1/2"	1/2"	0.5	2.0	2.9	5.3	6.9	8.3	8.7	9.0	GPM
TA-LF*	(12.7mm)	(12.7mm)	1.9	7.6	11	20	26	31	33	34	L/MIN
* ASSE Standard 1017 Listed And 3rd Party Certified as Lead Free				MAXIMUM FLOW CAPACITY							



**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.

**NOTE:** The 210-LF/TA-LF 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](http://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

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**Model 210-LF Exposed Units**

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**Locked screwdriver temperature adjustment dial****210-LF-F**

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



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**Model TA-LF Exposed Units**

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**Temperature regulator knob with warmer indicator****TA-LF-F**

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



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**TM-554-210-LF**

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



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**TM-554-TA-LF**

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



# Model 210-LF and TA-LF Cabinet Assemblies

## Optional Features:

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

### TA-254-LF-STSTL-REC C210-LF-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



TA-254-LF-STSTL-REC

### TA-254-LF-37C-STSTL-REC C210-LF-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



TA-254-LF-37C-STSTL-REC

### TA-254-LF-T-STSTL-REC C210-LF-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-LF-AF-TR-STSTL-REC

### TA-254-LF-T-37C-STSTL-REC C210-LF-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



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

Note: All specifications are subject to change without notice!



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