

# STEAM / WATER MIXING VALVES

TMS-150-E-\_\_\_\_\_

## THERMOSTATIC STEAM & WATER MIXERS

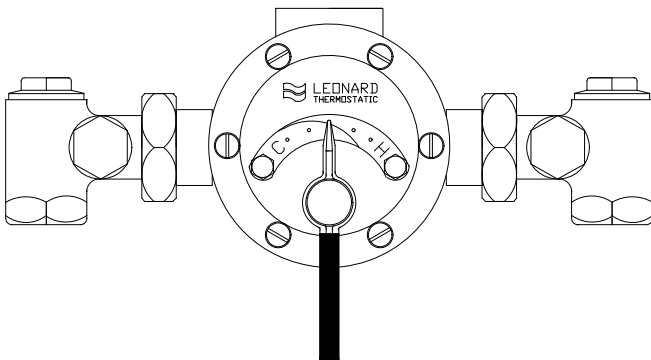
Mix steam & water

\_\_ TMS-150-E

- Thermostatic Steam & Water Mixer
- Dura-trol® solid bimetal thermostat directly linked to valve porting to control the intake of steam (or hot) and cold water.  
Dura-trol® is highly responsive and cannot be damaged by extremes in temperatures.
- Integral combination checkstops with all stainless steel internal parts
- Color coded scale: Cold to Hot, high temperature limit stop
- Heat resistant temperature adjusting lever
- Integral wall support
- 1 ¼" Inlets, 1 ½" outlet, both NPT female
- See Flow Capacity Chart, on reverse side

### OPTIONS:

- \_\_ SUFFIX CP – Chrome Plated Finish
- \_\_ SUFFIX LWS – Less wall Support



**IMPORTANT!** Not for use with steam and water pressures above 80 PSI (5.5 bar). The prevailing steam (or hot water) pressure must be slightly lower than the cold water pressure.

Not for use with unequal pressures. Install pressure reducing valves where unequal pressure conditions exist.

**NOTE:** Hose and nozzle not included. If required, please attach separate submittal sheet.

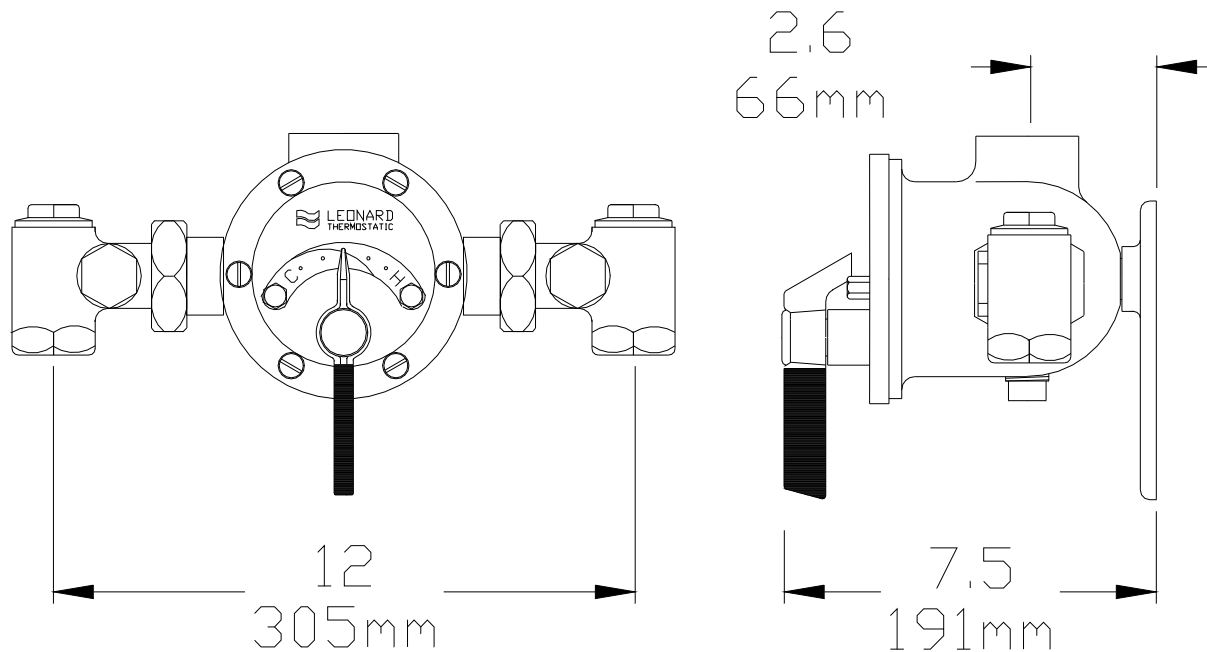
**CAUTION:** These valves may pass live steam under certain circumstances. A limit stop is simply a mechanical setting to prevent excessive handle rotation. When turned to full HOT valve may deliver water in excess of safe temperatures, therefore the limit stop **MUST BE RESET BY THE INSTALLER**. Protective clothing must be worn at all times.

Job # _____
Arch/Eng. _____
Contractor _____



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# THERMOSTATIC STEAM & WATER MIXING VALVES



## TMS-150

### TEMPERATURE RISE

PSI BAR	20°F 11°C	30°F 16°C	40°F 22°C	50°F 27°C	60°F 33°C	70°F 38°C	80°F 44°C	
35 2.4	50.0 189.0	41.5 157.0	35.5 134.5	31.5 119.0	28.0 106.0	24.5 92.5	22.0 83.0	GPM l/min
45 3.1	60.0 227.0	48.0 181.5	40.0 151.5	35.5 134.5	31.0 117.5	27.0 102.0	23.5 89.0	GPM l/min
55 3.8	75.0 284.0	57.0 215.5	46.0 174.0	40.0 151.5	34.5 130.5	29.5 111.5	26.5 100.0	GPM l/min
65 4.5	84.5 320.0	66.0 250.0	54.0 204.5	45.5 172.0	39.0 147.5	34.5 130.5	29.0 110.0	GPM l/min

**NOTE:** Hose and nozzle not included. If required, please attach separate submittal sheet.

**CAUTION:** These valves may pass live steam under certain circumstances. Follow recommended operating instructions and wear protective clothing when using.

**IMPORTANT!** Not for use with steam and water pressures above 80 PSI (5.5 bar). The prevailing steam (or hot water) pressure must be slightly lower than the cold water pressure.

Not for use with unequal pressures. Install pressure reducing valves where unequal pressure conditions exist.

**Engineer's Approval**



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