

Tempering Valves 508, 526

SUPERSEDES: IS 100-2.8C March 1, 1983

EFFECTIVE: September 1, 1995

INSTALLATION:

All models should be “trapped” by installing below cold water inlet to heater (see diagram).

⚠ CAUTION:

Taco Tempering Valves are not to be used to provide “anti-chill” or “anti-scald” service. Taco Tempering Valves are not designed to compensate for system pressure fluctuations and should not be used where more sophisticated pressure-compensating temperature controls are required.

⚠ CAUTION:

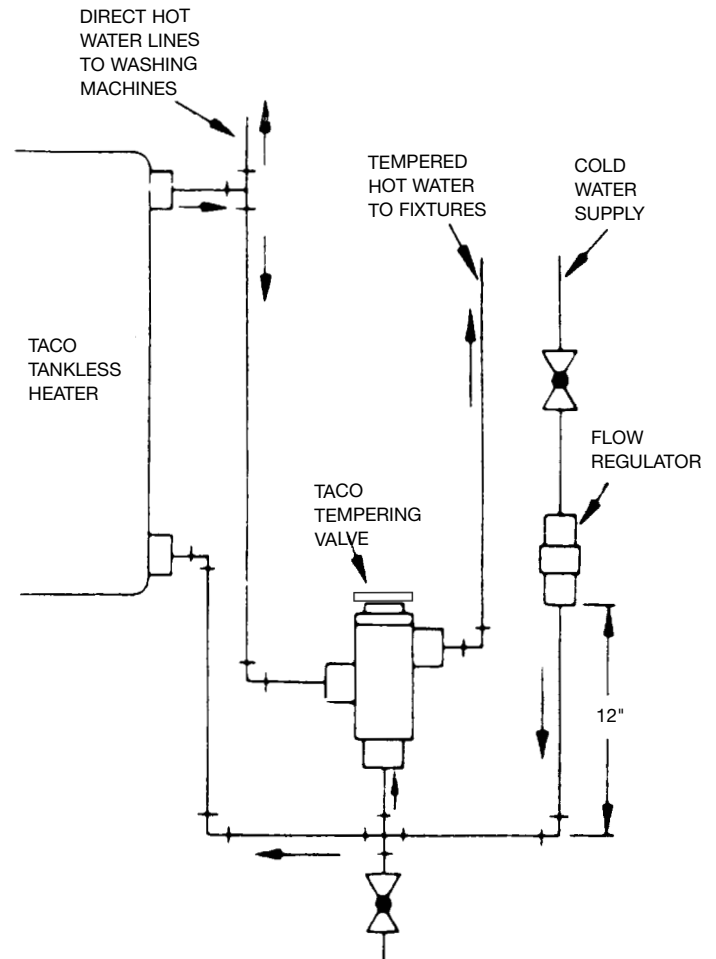
Remove the Thermostatic Element before soldering into the line to avoid damage.

ADJUSTING:

All models are adjusted by turning the knob clockwise to lower the temperature and counter clockwise to increase the temperature.

REMOVING OR REPLACING ELEMENT NOS. 508 & 526:

1. Turn the cap counter-clockwise, the element should come out with the cap.
2. To replace, reverse procedure making certain that element spring and cap are properly attached to each other. Tighten cap.



NOTE:
INSTALL TEMPERING VALVE BELOW
COLD WATER INLET TO HEATER

NOTE:

Tempering Valves are often blamed for lack of hot water when the fault lies elsewhere. It is therefore suggested that before replacing the element, you check the firing rate of the burner, combustion conditions, accuracy and setting of the aquastat, size of the water heater and the water draw rate.

The rate at which water can be drawn from a tankless water heater depends on its size and the firing rate of the burner. If water is drawn at excessive flow rates, only lukewarm water is obtained. It is therefore advisable to restrict the flow rate to the rated capacity of the heater and thus ensure hot water. This can be accomplished with a flow regulator located in the cold water supply to the heater.

MAXIMUM WORKING PRESSURE – 125PSI (861 kPa)
MAXIMUM OPERATING TEMPERATURE – 200°F (116°C)

