

DRAIN TEMPERING VALVE

ADAPTABLE
TO ALMOST ANY
DRAIN SIZE

OVERVIEW

The DTV is a mechanical valve that tempers drain water to below 140°F. Eliminates the use of electrical solenoid valves or thermostats. The DTV works on drain overflow and when the wash tank needs to be changed.

OPERATION

The DTV can be used in applications where a high temperature discharge flow to a drain/sewer must be tempered with cold water. The DTV is installed into the drain line such that the hot effluent passes over the thermal actuator of the DTV and this thermal actuator controls the cold water inlet port. If the hot effluent is above the specified set point, the DTV opens to allow injection of cold water. As the hot effluent cools, the DTV automatically modulates to reduce the cold water inlet flow. At about 10°F below the full open temperature, the cold water inlet is fully closed to conserve water.

The DTV provides a convenient, economical, and easy to use method of tempering hot effluent exceeds the specified set point temperature, it also conserves water by automatically turning off cold water when not needed.

BENEFITS

- Compliant with drain temperature limitations of plumbing codes
- Prevents damage to PVC piping due to over temperature conditions
- Minimizes water waste
- Easy to install
- Adaptable to almost any drain size

USES

- Commercial Dishmachines
- Autoclave discharge
- Any excessively hot effluent flow to sewer/drain

DESIGN FEATURES

- Rugged, clog resistant valve design
- Install using standard pipe fittings and tools
- Operates in any orientation
- Modulates to conserve cooling water
- Effluent tempering capacity limited only by cold water flow rate through DTV



DRAIN TEMPERING VALVE

1 1/2" DRAIN TEE #32-2355

2" DRAIN TEE #32-2350