



ASSE 1062 / NSF-61 / CSA B125

# INSTALLATION INSTRUCTIONS

## FUNCTION

Storage hot water systems should deliver water at a minimum of 140°F to prevent bacteria growth. However at this temperature it takes one second for a severe burn or scald to occur!

Temp-de-Tech™ is designed to ensure water is delivered at a temperature of not more than 120°F, providing it is correctly installed and operated. With Temp-de-Tech™ installed, the risk from exposure to scalding is reduced should the hot water be turned on, or the cold water be accidentally turned off or interrupted.

**IMPORTANT: ENSURE TAP SPOUT IS SECURELY FIXED PRIOR TO FITTING TEMP-DE-TECH™.**

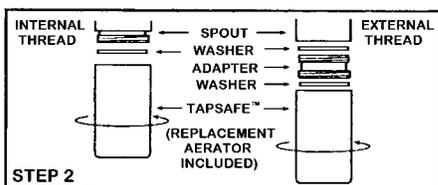
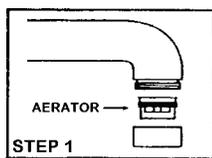
**NOTE: TEMP-DE-TECH™ IS AVAILABLE IN TWO TYPES – INTERNAL AND EXTERNAL THREAD.**

## INSTALLATION INSTRUCTIONS

**STEP 1** Ensure that the hot & cold taps are turned off. Remove the aerator from the spout by turning it counter-clockwise. A wrench may be required.

**STEP 2** Screw the Temp-de-Tech™ into the spout as shown below. Hand tighten only!

Note: Use a sufficient number of the washers supplied to give the required seal between the Temp-de-Tech™ & spout.



## OPERATION

For normal operation, first turn on the cold water to achieve the desired flow rate, then introduce hot water until the preferred temperature is reached.

## TEST

- When testing, ensure that no person is in the line of flow of water.
- Have a strong flow of warm water pass through the spout, then close the cold tap & observe the water shut-down.
- Once the shut-down has occurred this product will reduce the flow of hot water to a trickle. This continuation of water flow is necessary to allow resetting to occur.
- It is recommended that this product be tested monthly.

# Temp-de-Tech™

Hot Water Shut-Down Valve Model: TLV-500

## RESET

- When Temp-de-Tech™ shuts down the hot water flow, turn off the hot tap, stand clear of the flow and open the cold tap. Temp-de-Tech™ will reset as soon as the hot water is purged from the pipes.
- Turn on the cold water to achieve the desired flow rate, and then introduce hot water until the preferred temperature is reached.

## VALVE SPECIFICATION

Hot water supply temperature	185°F max
Water supply pressure static	200 psi max.
Flow rate:	
Normal	2.5 gpm
Shut-down	less than 0.25 gpm
Nominal Set temperature	120°F (+/- 3°F)
Max. Operating Pressure	145 psi
Min. Operating Pressure	less than 1 psi

## WARNING:

- If the outlet of the Temp-de-Tech™ is below the maximum possible water level, a backflow prevention device must be fitted.
- This product is designed to reduce the incidence of scalding; however hot water will trickle from the unit when shut-down occurs.
- Tap fittings fitted with this product should not be operated by children without parental supervision.
- This product may not operate properly if incorrectly installed.
- It is recommended that this product be replaced if test failure occurs.
- This product is not a substitute for Tempering Valves or Thermostatic Mixing Valves.
- This product is not suitable for use in Health Care Institutions.

## Proposition 65 Warning (for California Residents Only)

This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**NOTE TO INSTALLER/CONTRACTOR:** California law requires this notice to be provided to the consumer/end user of this product.

ASSE 1062 Nominal Size 1/2" Direction of flow



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## Precision Plumbing Products

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