INSTALLATION INSTRUCTIONS
HAT/SP & IC/SP OVER-TEMPERATURE VALVES

If installed and maintained as recommended, the **ThermOmegaTech**® **HAT/SP** and **IC/SP** valves will yield reliable and trouble free service. ***It is important that before installing you read these instructions carefully.***

REMEMBER: The **SP** is full open at its stated temperature and full closed at approximately 10°F below its stated temperature. Unless otherwise stated, these valves are supplied at their greatest standard Cv or flow rate. Smaller Cv's are available on request. See the product sheets. Never undersize installations.

For the **IC version**, the valve should be installed into a minimum 1" Tee with a 1" x 3/4" NPT reducer bushing or a 1-1/4" x ¾" x 1-1/4" NPT reducer Tee (no bushing) with adequate internal clearance.

A #20 mesh strainer is recommended to use with all port sizes.

CAUTIONS

Use only standard and proper connections • Do not over-tighten connections • Always test after installation and before use
Always test before winter and summer seasons • Test at regular intervals

ON SAFETY SHOWERS AND EYEWASH STATIONS

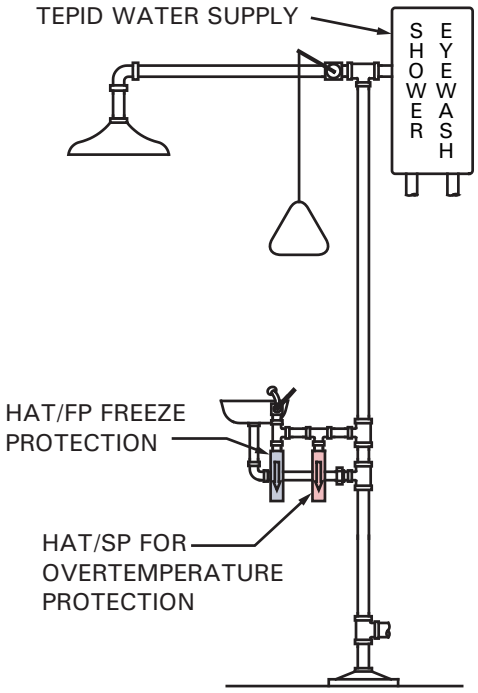
HAT/SP valves are used to purge over-temperature water from the inlet pipe system. This keeps the shower piping filled with cooler water. Solar heating is the most common source of heating in remote installations. **ALWAYS** place the valve in the system as close to the point of use as possible. **NEVER** place the valve in the shade or in a cool place by comparison to the piping system, etc. Keep in mind that the valve itself has to heat up to open.

TO TEST FOR OPERATION WHILE IN LINE

Heat inlet line and valve with electric heat gun set to 200°F (93.3°C) max (if explosion hazard permits). Heat until valve flows to purge hot liquid (**DO NOT** exceed maximum allowable temperature).

TO TEST FOR PROPER SET-POINT

Remove from system and place entire valve in water bath at upper limit of valve temperature range. Valve should open fully. Place in water bath at low end of range. Valve should close to bubble tight.



It should be understood that the use of these valves is not a substitute for regular and routine scrutiny of safe conditions. Installation and use of this product is outside the control of **ThermOmegaTech**® and is the sole responsibility of the end user. **ThermOmegaTech**® makes no guaranties, either expressed or implied, in connection with its installation or use.

Proper Use: Use ThermOmegaTech® products only as specified to ensure performance, safety, and regulatory compliance.
No Modifications: Do not modify ThermOmegaTech® products, as changes may void warranties and violate regulations (e.g., RoHS, REACH).
Proper Disposal: Dispose of end-of-life products per local hazardous substance regulations; contact ThermOmegaTech® or recycling facilities for guidance.

⚠ WARNING: This product can expose you to chemicals, for example lead, nickel, acrylonitrile, which are known to the State of CA to cause cancer, birth defects, or reproductive harm. For more information, go to www.P65Warnings.ca.gov

Warranty information disclosed at www.thermomegatech.com/terms-conditions/

HAT-IC-SP_IMI
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