

TECH

□ **8780**
packages

The 8780 series is a skid-mounted tempering system that comes equipped with a water heater, mixing valve, and holding tank. Haws systems have multiple levels of back-up protection to ensure uninterrupted flow with anti-scald protection and full flow cold water bypass. These systems may supply a number of drench showers or eyewash stations, and are for use in indoor areas that are protected from freezing. Feeder lines should be heat-traced, or a recirculating pump used.

Haws offers 119 and 325 gallon storage capacities, as well as an instantaneous steam heat exchanger as options. Should the simultaneous operation of more than one shower be desired, Haws offers a high-flow blending system for the 325 gallon tank and steam heat exchanger systems. Haws systems are fully engineered to take the guesswork out of your emergency tempered water system.

Specifications

Blending System: Model TWBS.SH.

Water Heater: 4.0 kW, 240 VAC copper immersion heater or steam heat exchanger.

Thermostat: Dual element thermostat.

Plumbing: 1 1/4" IPS. Schedule 40 galvanized piping with brass and stainless steel valves.

Skid: The skid is constructed of wood and is coated with an elastomeric membrane.



Tempering System Options

Tank Systems:

- 119 Gallon Tank (Option No. 21):** Stores enough hot water to provide a single 15 minute, 25 GPM combination shower. Recovery time of up to 6 hours.
- 119 Gallon ASME Tank (Option No. 22):** Stores enough hot water to provide a single 15 minute, 25 GPM combination shower. Recovery time of up to 6 hours.
- 325 Gallon Tank (Option No. 23):** Stores enough hot water for either a 30 minute shower, or two showers running back to back. Tank volume is also sufficient for two showers running simultaneously with higher capacity TWBS. (Quoted separately).

Steam Systems:

When steam supply is available, a Haws steam heat exchanger and mixing system is the best approach for efficient tempering, especially with multiple showers or recirculating systems. Haws' standard system is sized to provide up to 25 GPM of 80°F (26°C) tempered water, and requires no recovery time. Higher flow systems are available.

- Steam Heat Exchanger (Option No. 24):** Feed forward instantaneous heat exchanger. Requires 15 PSIG, max. 1300 lbs. steam supply.

Electrical System Options:

Haws' standard system requires 208/240 VAC single phase, 3 wire 20 amp (min.), electrical supply.

- NEMA 4**
Tank - Option No. 31
- NEMA 7 CLASS I, DIV 2, Group B, C, D**
Tank - Option No. 32
- NEMA 7 CLASS I, DIV 1, Group C, D**
Tank - Option No. 33



For outdoor installations, specify model 8785.

(shown above)