

8780 CENTRALIZED WATER TEMPERING SYSTEM

ANSI/ISEA Z358.1-compliant tepid water to single or multiple combination showers and/or eye/face wash units.

With optional pump and VFD, the 8780 can boost system pressure to provide proper flow rates and continuously recirculate water in a looped piping system to feed tempered water instantly to all shower and/or eye-face wash units.

The unit has an ambient temperature range of 35° to 120°F (45.5° to 48.9°C) and is designed to operate with several tempering and electrical options by combining its preheated water supply with your facility's existing low temperature water through the *Haws* tempered water blending system.

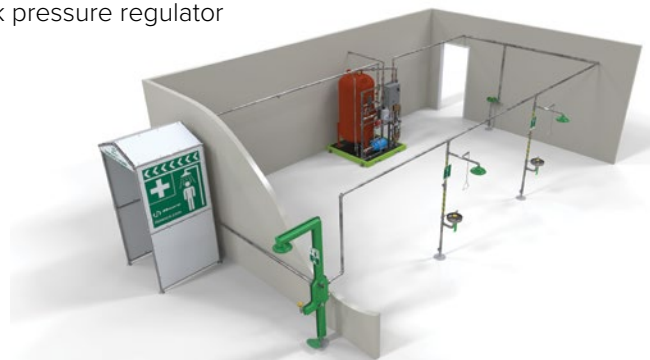


Standard Base Configuration:

- All-metal frame with safety-green powder coating
- Indoor install applications, in above freezing environments with access to power
- Variable Frequency Drive System, pump sized to application, associated piping and electrical components
- Top of unit inlet location
- Type 4 junction box
- Fused disconnect switch
- SST 304 piping with brass valves and strainers
- 318 gal for U.S. and 400 gal for Canada
- 480V 3ph electrical system
- Standard GA, Electric, PID, O&M documentation
- Tempered Water Blending System

Additional Options:

- 119-Gallon non-ASME (450L) tank system with immersion heater
- Enhanced 600V and 3ph electrical system option
- Galvanized piping with brass valves and strainers
- Alarm package which includes Shower-in-Use Flow or Proximity Switch
- Canadian Export CSA Documentation
- Back pressure regulator



The 8780 Centralized Water Tempering Unit is Compatible with all Haws Emergency Eye/Face Washes and Showers

STORAGE TANK

The heated water storage tank features an insulated and adjustable immersion heater.

JUNCTION BOX

Single-point electrical supply for simplified installation and maintenance.

FLOW SWITCH

Increases reliability by monitoring the flow in the piping.

OPTIONAL VARIABLE FREQUENCY DRIVE

The VFD regulates the pump and maintains the system at optimal operating pressure.

CIRCULATION AND BOOSTER PUMPS

The circulation pump ensures that all emergency showers and eye/face washes are reliably supplied with tempered water. Optional booster pumps eliminate low water pressure and pressure losses in the system.

SKID

The skid contains the whole pre-piped and wired tempering system and simplifies installation and maintenance.

RECIRCULATION LOOP

Recirculation circuit keeps water moving to prevent sedimentation and ensures water hygiene.

COLD WATER SUPPLY

Single-point water supply for simplified installation and maintenance.

TEPID WATER SUPPLY

Supplying for multiple drench showers and eye/face washes.

MIXING VALVE

Mixes hot and cold water and to provide ANSI compliant tepid water. The water temperature can be set in the range of 16° - 29°C (60.8° - 84.2°F). The mixing valve incorporates fails-safe features like anti-scald protection and full flow cold water bypass CSA certified per ASSE 1071.

TEMPERATURE GAUGES

Provide information on the inlet and the outlet water temperatures.

EXPANSION TANK

Protects water heating systems from excessive pressure and cushions shocks caused by water hammer.

MODEL 8785

is an all weather, enclosed emergency water tempering unit with corrosion resistant aluminum paneling and polyester based powder coating. Internal tempering unit matches model 8785 options.

Visit www.hawscos.com/8780 to learn more or to request a quote.