

TEMPERING SYSTEMS

□ TWBS.SH

A safe, prepackaged, fully engineered and tested system for mixing large volumes of hot and cold water to provide tempered water for emergency showers and eyewashes. Ideal for areas where supply water temperatures fall below 60°F (15°C). Model TWBS.SH contains no electrical components, which makes it suitable for combustible atmospheres.

Specifications

Fail Safe Back Up: System provides multiple levels of protection to prevent scalding, including a high temperature limit valve (set at 85°F (26°C)) over a wide range of flows 2 - 25 GPM. System is designed to mix cold and hot water supplies for a single combination shower and eyewash, or multiple units.

Temperature Gauge: System includes outlet temperature gauge.

Plumbing: 1 ¼" IPS. Dielectric inlet and outlet unions provided. System requires 60 PSI flowing to adequately supply water for a safety shower.

Shipping Weight: 45 lbs.

Options

TWBS.CAB Enclosure: Protective corrosion-resistant fiberglass cabinet with security latch, 19 ½"H X 16"W X 10 ¼"D. Shipping weight is 20 lbs.

Higher Capacity Flows: For up to 90 GPM flow requirements (cabinet not available).



□ TWBS.EW

A safe, prepackaged, fully engineered and tested system for producing small volumes of tempered water for emergency eyewashes. TWBS.EW mixes supplies of hot and cold water. Used for areas where supply water temperatures fall below 60°F (15°C).

Specifications

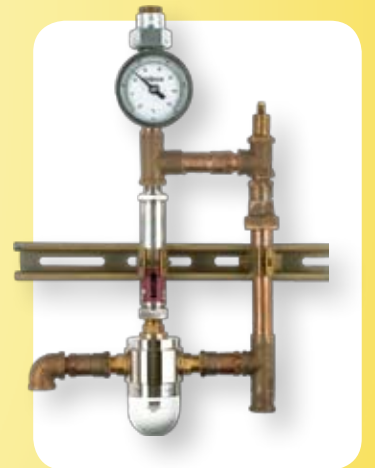
Fail Safe Back Up: System provides multiple levels of protection to prevent scalding including a high temperature limit valve (set at 95°F (35°C)). Also included is a pressure relief cold water bypass that protects against constricted water flow.

Tempered Water: Engineered to provide warm water. (60°F - 85°F (15°C - 29°C) – factory set at 80°F (26°C)) for flows up to 5 GPM. System is designed for an eye or eye/face wash.

Temperature Gauge: System includes outlet temperature gauge.

Plumbing: ½" IPS. System requires 5 GPM @ 45 PSI flowing for eye or eye/face wash applications.

Shipping Weight: 18 lbs.



□ TWBS.EW.H

A safe, prepackaged, fully engineered and tested system for producing small volumes of tempered water for emergency eyewashes. It is ideal where hot water is not present. Used for areas where supply water temperatures fall below 60°F (15°C). System consists of an 18kW electrical instantaneous water heater, a hot shutoff valve, a bypass valve, an inline 50-micron filter, and an outlet temperature gauge.

Specifications

Fail Safe Back Up: System provides multiple levels of protection to prevent scalding including a high temperature limit valve (set at 95°F (35°C)). Also included is a pressure relief cold water bypass that protects against constricted flow.

Tempered Water: Engineered to provide warm water instantaneously up to 80°F (26°C) for flows up to 2.5 GPM. System is designed to heat cold water supply up to 45°F (25°C) "Delta" on demand for an eyewash only.

Temperature Gauge: System includes outlet temperature gauge.

Electrical: System requires 480 VAC, 3 phase, 4 wire and ground. 25 AMP electrical supply. Other voltages available as special orders.

Plumbing: ½" IPS. System requires 2.5 GPM @ 35 PSI flowing for eyewash applications.

Shipping Weight: 43 lbs.

