



model 9201 EFE

Tempered Water Blending System

FEATURES & BENEFITS

PRESSURE DROP

Lowest internal pressure drop for this class of valve translates into a significant advantage in installations where the supply pressure is low.

OPERATING RANGE

Minimal outlet temperature variation is achieved by having the best minimum flow rate in the industry. The valve will not exceed 100° output even with reduced pressure.

SHUTTLE DESIGN

Valve binding, which is common in the industry, is virtually eliminated by material selection and advanced shuttle design.

MIXING CHAMBER

Efficient funnel design with turbulent hot water passages to improve mixing at low flow rates and to enhance temperature control.

DEPOSITS RESISTANT

Lime and Calcium resistant components are used throughout the construction.

FLOW RATES

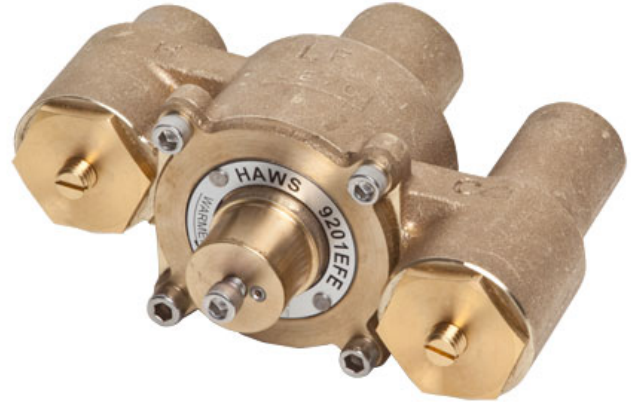
With a flow range of 1 to 12 GPM, this valve can be used for 1 or 2 safety eyewashes.

BYPASS

Highest Cold Water Bypass flow rate by class in the industry (83% of the rated tempered water flow rate).

EXTENDED WARRANTY

Superior engineering incorporated into this product carries an extended 3 year warranty.



SPECIFICATIONS

Model 9201EFE (patent pending) is a thermostatic mixing valve that mixes hot and cold water to supply tempered water to emergency eyewash fixtures requiring flow up to 12 GPM. Unit employs a paraffin filled thermostatic mixing element. Lowest internal pressure drop where supply pressure is low, and a high Cold Water Bypass flow rate of 10 GPM. A 0.2 GPM hot water flow if cold supply fails. The modular brass design with a one piece casting uses internal check stops, oversized valve seats, a shuttle design that eliminates valve binding, and a funnel design to improve temperature control with better mixing at low flow rates. Lime and calcium resistant components are used throughout. The outlet temperature factory setting is 85°F (26°C). Maximum operating pressure: 125 psi (8.62 Bar). Maximum inlet temperature: 180°F (82°C). Recommended inlet temperature: 140°F (60°C). Minimum inlet temperature: 120°F (49°C) Inlet 1-1/4" NPT(F). Outlet 1-1/4" NPT(F).

OPTIONS

To see all options for this model, visit www.hawsc.com

APPLICATIONS

Where the eyes of any person may be exposed to injurious or corrosive materials, emergency facilities for quick drenching or flushing of the eyes and body with tempered water is needed to compensate for less than suitable ambient temperatures, or when the supply water reaches freezing cold or scalding hot temperatures.

CSA Certified to ASSE 1071 and applicable sections of CSA B125.3.

