



model 9201

Tempered Water Blending System

FEATURES & BENEFITS

SAFETY

Fail-safe measures include hot water shut off if the cold water supply is interrupted, and a cold-water bypass mode should the hot water get cut off.

OPTIONS

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



SPECIFICATIONS

Model 9201 is a thermostatic mixing valve that mixes hot and cold water to supply tempered water to one or more emergency eyewash fixtures requiring flow up to 20 gpm. Unit employs a thermostatic mixing element and includes an outlet temperature gauge. Unit is constructed of bronze, brass, copper and stainless steel.

Tempered Water: The thermostatic mixing element responds to changes in incoming hot and cold water temperatures to maintain outlet temperatures to +/- 5 °F (2.5 °C). Varying conditions can be up to a 30 °F (16 °C) change in hot water temperature, 30 °F (16 °C) change in cold-water temperature, and a 50% drop in inlet supply pressure. Inlet hot and cold pressures must be equal. The outlet temperature factory setting is 80 °F (26 °C).

Fail-Safe Back Up: Liquid thermal thermostat with tamper-resistant control adjustment. System shuts off all incoming hot water should cold water supply fail. Should the hot water supply become interrupted or the thermostatic element fails, the valve will go into cold-water bypass mode.

Maximum inlet pressure: 125 psi. Maximum inlet temperature: 180 °F (82 °C). Recommended inlet temperature: 140 °F (60 °C). Minimum inlet temperature: 120 °F (49 °C)

Inlet and Outlet: 1- 1/4" IPS. Isolation check valves are supplied for installation at inlet and outlet.

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.