# model 9201EFE

AXION® Thermostatic Mixing Valves

## FEATURES & BENEFITS

**BYPASS**
Best-in-class cold water bypass flow (65% of rated tempered water flow) means continued protection even if hot water flow is interrupted.

**COLD SHUT OFF PROTECTION**
In the event that the cold water supply is interrupted or shut off, this thermostatic mixing valve reduces scalding potential by automatically reducing the hot water flow below the ASSE 1071 standard maximum of 1.0 GPM @ 30 PSID.

**PRESSURE DROP**
Lowest internal pressure drop for this valve class – essential where supply pressure is low.

**TEMPERATURE MANAGEMENT**
Paraffin-based thermal actuation technology keeps outlet temperature within tight specifications to prevent scalding and hypothermia.

**SHUTTLE DESIGN**
Superior shuttle design combined with premium material selection eliminates valve binding and reduces maintenance costs.

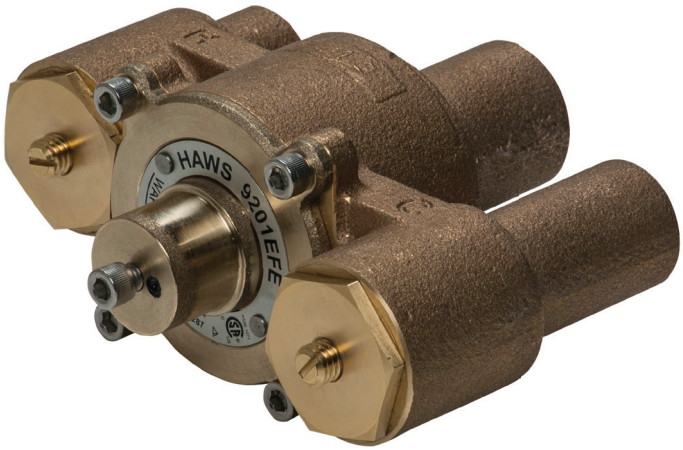
**MIXING CHAMBER**
Innovative funnel design generates turbulent flow to ensure consistent temperature blending across entire flow range.

**DEPOSITS RESISTANT**
Lime and calcium resistant materials used throughout prevent valve sticking and provide a long service life.

**FLOW RATES**
Flow range of 1 to 12 GPM (45.4 L) provides service for one or two safety eyewashes, reducing complexity and hardware costs.

**MEDICALLY SUPERIOR RESPONSE**
*AXION's* superior design and technology provide a complete safety solution for increased victim comfort.

**EXTENDED WARRANTY**
3-year extended warranty based on superior engineering and best-in-class material selection means reliable protection you can trust for the long term.




## SPECIFICATIONS

**Model 9201EFE - Thermostatic Mixing Valve (patent pending)**

| | MAXIMUM | | MINIMUM | |
|---|---|---|---|---|
| Flow Rate | 12 GPM | 45.4 LPM | 1 GPM | 4 LPM |
| Hot Inlet Temperature | 180° F | 82° C | 120° F | 49° C |
| Recommended Hot Inlet Temperature | 140° F | 60° C | | |
| Cold Inlet Temperature | 70° F | 21° C | 40° F | 4° C |
| Adjustable Outlet Temperature Range | 90° F | 32° C | 60° F | 16° C |
| Operating Pressure | 125 PSI | 8.6 BAR | | |
| Factory Temperature Set Point | 85° F | 29° C | | |
| Cold Water Bypass | 10 GPM | 37.8 LPM @ 30 PSI | | |

Inlet Ports: 1/2" NPT(f) Outlet Port: 3/4" NPT(F)

Maximum Inlet Pressure Differential: +/- 10%

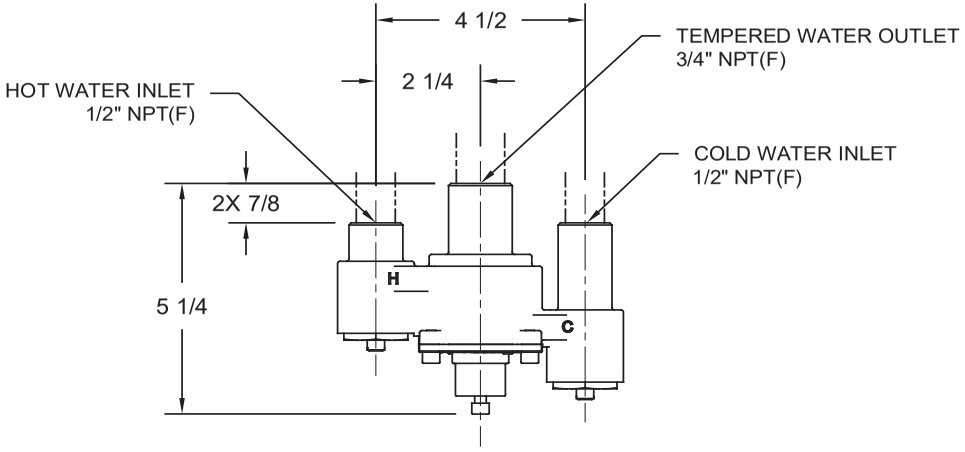
Listings: CSA certified per ASSE 1071, ANSI Z358.1, and applicable sections of CSA B125.3.

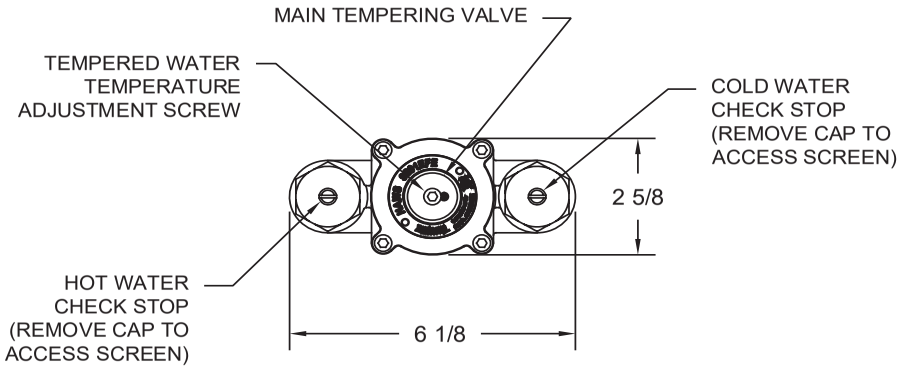
## FLOW CAPACITIES

| MODEL | INLET | OUTLET | MINIMUM FLOW | INTERNAL COLD WATER BY-PASS AT 30PSI DROP | PRESSURE DROP | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9201EFE | 1/2" | 3/4" | | | 5 | 10 | 15 | 20 | 30 | 45 | 60 | PSI |
| | | | | | .345 | .689 | 1.03 | 1.38 | 2.07 | 3.10 | 4.13 | BAR |
| | | | 1 | 10 | 5 | 7 | 8.5 | 10 | 12 | 15 | 17 | GPM |
| | | | 4 | 38 | 18.5 | 26 | 32 | 37 | 45 | 55.6 | 64 | L/MIN |

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DISCLAIMER: Continued product improvements make specifications subject to change without notice. Check www.hawsco.com for the latest product information and updates.

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MODEL(S)
9201EFE

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REVISION
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| SCALE: 1:4 | DRAWING TYPE: INSTALLATION | SIZE: A | SHEET 1 OF 1 |
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