



model 9202E

AXION® Thermostatic Mixing Valves

FEATURES & BENEFITS

BYPASS

Best-in-class cold water bypass flow (64% of rated tempered water flow) means continued protection under adverse conditions.

POSITIVE SHUT OFF

Actively suspends hot water flow when cold water supply is lost to protect against scalding.

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

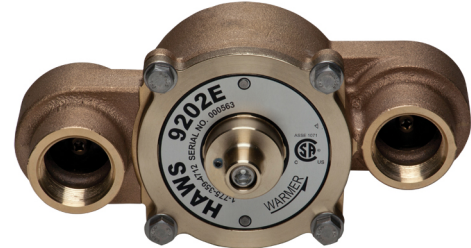
Flow range of 1 to 78 gpm (295 L) provides service for multiple emergency combination showers or multiple eyewashes, reducing complexity and hardware costs.

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 9202E - Thermostatic Mixing Valve (patent pending)

| | MAXIMUM | | MINIMUM | |
|-------------------------------------|---------|------------------|---------|-------|
| Flow Rate | 78 GPM | 295 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 | 50 GPM | 189 LPM @ 30 PSI | | |

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

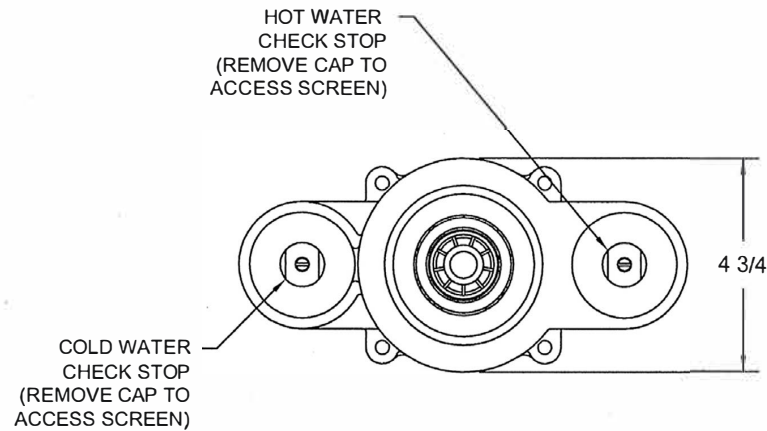
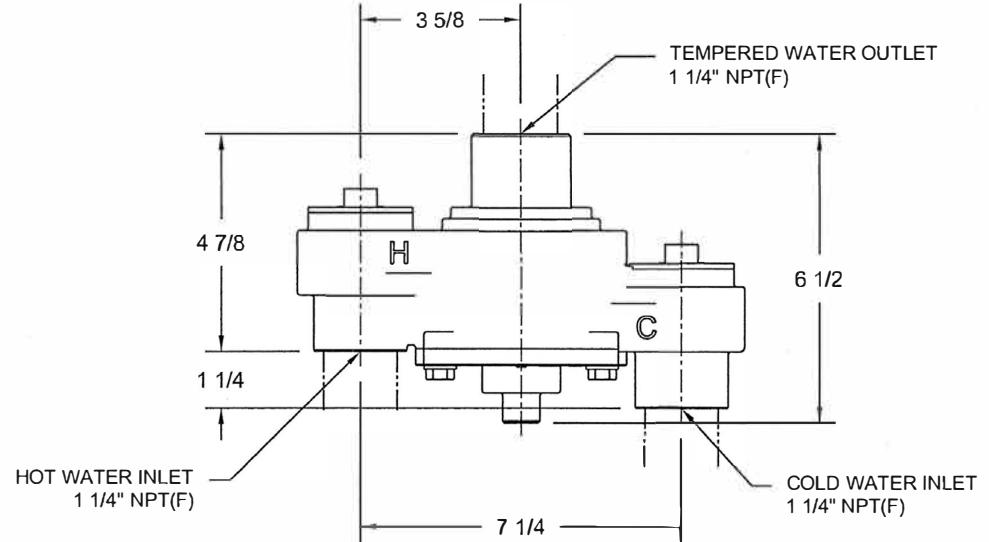
Maximum Inlet Pressure Differential: +/- 10%

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

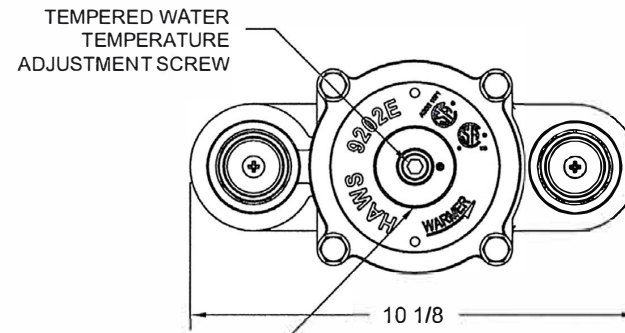
FLOW CAPACITIES

| MODEL | INLET | OUTLET | MINIMUM FLOW | INTERNAL COLD WATER BY-PASS AT 30PSI DROP | PRESSURE DROP | | | | | | | |
|-------|--------|--------|--------------|---|---------------|------|------|------|------|------|------|-------|
| 9202E | 1-1/4" | 1-1/4" | | | 5 | 10 | 15 | 20 | 30 | 45 | 60 | PSI |
| | | | | | .345 | .689 | 1.03 | 1.38 | 2.07 | 3.10 | 4.13 | BAR |
| | | | 1 | 50 | 32 | 45 | 55 | 64 | 78 | 95 | 110 | GPM |
| | | | 4 | 299 | 121 | 170 | 280 | 242 | 295 | 360 | 416 | L/MIN |





REAR VIEW



MAIN TEMPERING VALVE

| | | | |
|--|--|---|--|
|  Haws® | | 1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWS.CO.COM WEBSITE: WWW.HAWS.CO.COM | |
| | | ECN NO. 4304 ECN 4596 VWC DATE 3/7/10 APPROVED:  | REVISED BY: VWC DATE 3/7/10 CHD DATE 4/7/11 |
| SCALE: 1:4 DRAWING TYPE: INSTALLATION | | SIZE: A SHEET 1 OF 1 | |