

**Haws®**

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%

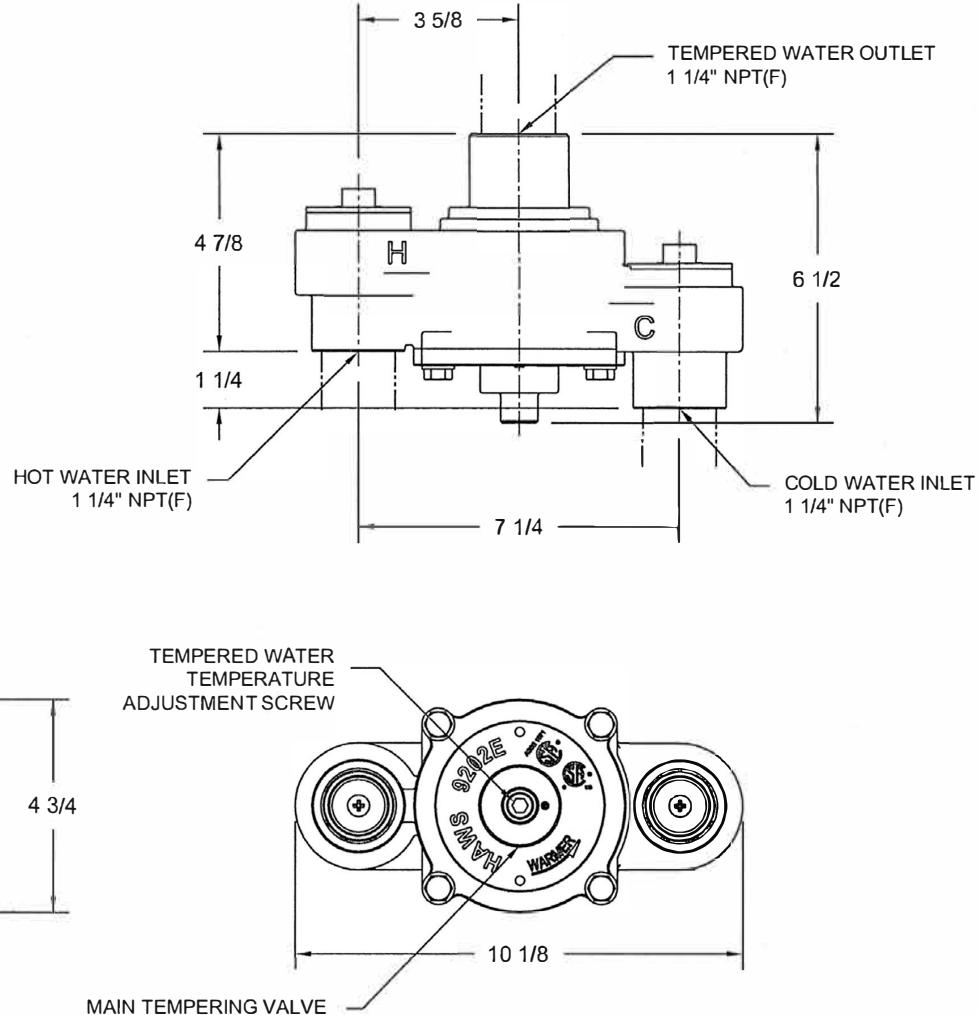
Listings: CSA certified per ASSE 1071, ANSI Z358.1, and applicable sections of CSA B125.3.

## FLOW CAPACITIES

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



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ECN NO.	REVISED PER	BY:	MODEL(S)	PART NUMBER
4304	ECN: 4596	VWC	9202E	0002080231.D
DRAWN: VWC	DATE: 9/7/10	CHKD:		DRAWING NO. REV
APPROVED: C	DATE: 9/7/10	SD		16051A 4

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