



# model 9201EFE

AXION® Thermostatic Mixing Valves

## FEATURES & BENEFITS

### BYPASS

Best-in-class cold water bypass flow (83% 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

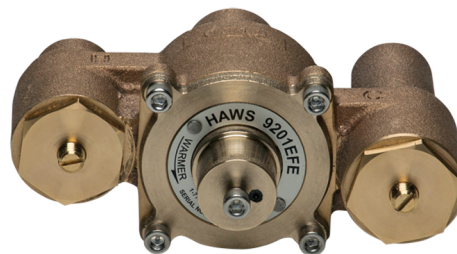
Flow range of 1 to 12 GPM (45.4 L) provides service for one or two safety eyewashes, reducing complexity and hardware costs.

### 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)

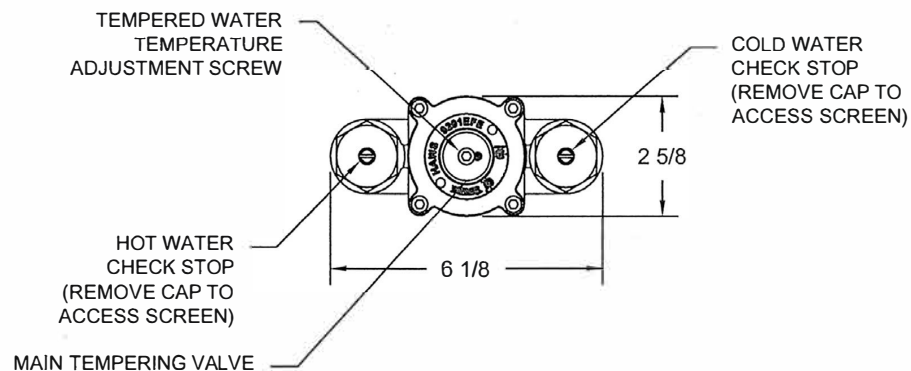
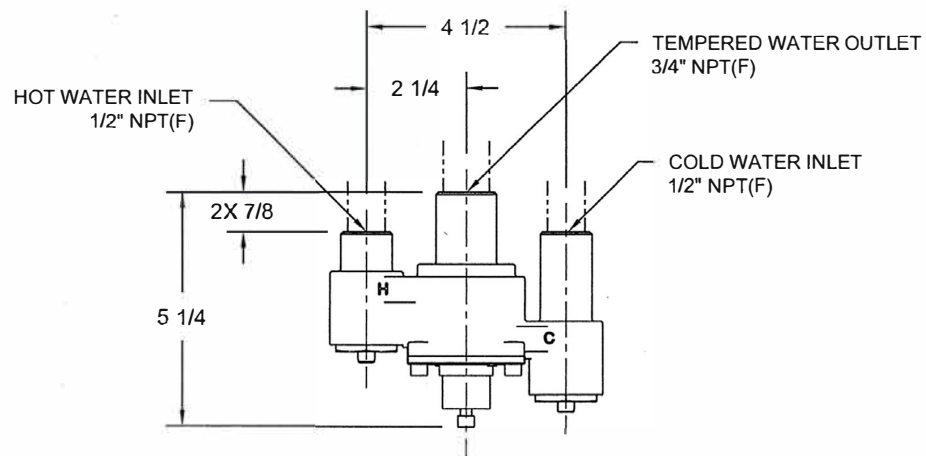
Maximum Inlet Pressure Differential: +/- 10%


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





 <b>Haws</b> <sup>®</sup>		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWS.CO.COM WEBSITE: WWW.HAWS.CO.COM	
		PART NUMBER <b>0002080234.D</b>	
ECN NO. 4305	REVISED PER ECN: 4596	BY: VWC	MODEL(S)
DRAWN: VWC	DATE: 9/7/10	QWC	9201EFE
APPROVED: [Signature]	DATE: 9/7/10		
SCALE: 1:4		DRAWING TYPE: INSTALLATION	SIZE: A SHEET 1 OF 1