



## Supply Fixture e420 & e427 Top Inlets/Top Outlet — Exposed

### Features ■

- Valve utilizes paraffin-based advanced thermal actuation technology to sense and adjust outlet temperature
- Dirt & lime resistant poppet and seat design
- Virtual shut-off if supply pressure fails
- Factory tested valve and piping
- Triple-duty checkstops with filters, dial-thermometer, ball valve
- Rough bronze and chrome finishes



Shown e427



Advanced Thermal Actuation

### Specifications ■

Connections .....	1/2" NPT inlets and outlet
Maximum Hot Water Supply Temperature.....	190° F (88° C)
Minimum Hot Water Supply Temperature.....	10° F (6° C) above set point
Minimum Flow*.....	0.5 gpm (1.9 lpm)
Maximum Operating Pressure .....	125 psig (862 kpa)
Motor Range Standard	
E420 .....	65-115° F (18-46° C)
E427 .....	90-110° F (32-43° C)
Listing/Compliance (Valves Only)	
E420 .....	ASSE 1016-T/P, CSA B125
E427 .....	ASSE-1016 listed, CSA B125

\* Minimum flow when the valve is installed at or near hot water source w/re-circulated tempered water with a properly sized continuously operating re-circulating pump.

### Flow Capacity When Tested To ASSE 1016 Standard

Valve	CV 1 psi (7 kpa)	Min. Flowrate	Pressure Differential						
			5 psi (35 kpa)	10 psi (69 kpa)	15 psi (103 kpa)	20 psi (138 kpa)	30 psi (207 kpa)	45 psi (310 kpa)	60 psi (414 kpa)
e420	0.79	1.0 gpm (4.0 lpm)	1.8 gpm (7.0 lpm)	2.5 gpm (10.0 lpm)	3.1 gpm (12.0 lpm)	3.5 gpm (13.0 lpm)	4.3 gpm (16.0 lpm)	5.3 gpm (20.0 lpm)	6.1 gpm (23.0 lpm)
e427	2.09	2.5 gpm (10.0 lpm)	4.7 gpm (18.0 lpm)	6.6 gpm (25.0 lpm)	8.1 gpm (31.0 lpm)	9.3 gpm (35.0 lpm)	11.4 gpm (43.0 lpm)	14.0 gpm (53.0 lpm)	16.2 gpm (61.0 lpm)

