



Supply Fixture Series 430 Bottom Inlets/Bottom Outlet — Recessed Cabinet

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
- Vandal-resistant locking mechanism to secure temperature setting
- Stainless Steel or white painted cabinets
- Factory tested valve and piping
- Rotatable union triple-duty checkstops with filters, dial-thermometer, ball valve
- Rough bronze and chrome finishes



Advanced Thermal Activation

Specifications ■

- Connections See chart on the reverse
- Maximum Hot Water Supply Temperature..... 200° F (93° C)
- Minimum Hot Water Supply Temperature..... 15° F (8° C) above set point
- Minimum Flow* 0.5 gpm (1.9 lpm)
- Maximum Pressure Differential 100 psid (689 kpa)
- Temperature Adjustment Range 40-160° F (4-71° C)
- Listing/Compliance (Valve Only)..... ASSE 1017, 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 1017 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)
431	3.73	4.0 gpm (15.0 lpm)	8.3 gpm (31.0 lpm)	11.8 gpm (45.0 lpm)	14.4 gpm (55.0 lpm)	16.7 gpm (63.0 lpm)	20.4 gpm (77.0 lpm)	25.0 gpm (95.0 lpm)	28.9 gpm (109.0 lpm)
432	6.71	7.0 gpm (26.0 lpm)	15.0 gpm (57.0 lpm)	21.2 gpm (80.0 lpm)	26.0 gpm (98.0 lpm)	30.0 gpm (114.0 lpm)	36.8 gpm (139.0 lpm)	45.0 gpm (170.0 lpm)	52.0 gpm (197.0 lpm)
433	11.93	10.0 gpm (38.0 lpm)	26.7 gpm (101.0 lpm)	37.7 gpm (143.0 lpm)	46.2 gpm (175.0 lpm)	53.4 gpm (202.0 lpm)	65.3 gpm (247.0 lpm)	80.0 gpm (303.0 lpm)	92.4 gpm (350.0 lpm)
434	18.63	15.0 gpm (57.0 lpm)	41.7 gpm (158.0 lpm)	58.9 gpm (223.0 lpm)	72.2 gpm (273.0 lpm)	83.3 gpm (315.0 lpm)	102.0 gpm (386.0 lpm)	125.0 gpm (473.0 lpm)	144.3 gpm (546.0 lpm)

