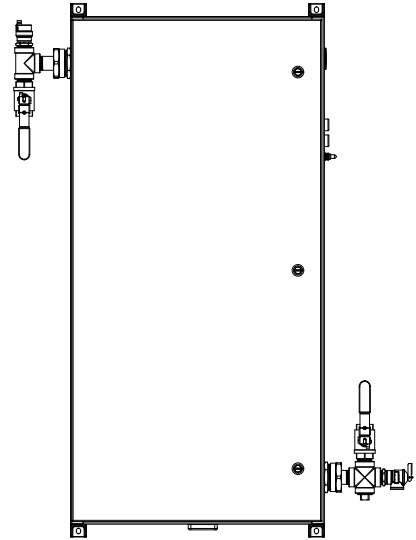


CF Series: CF 81, CF 90, CF 108, | NEMA 3, NEMA 4/4X

Specifications

Model	CF 81, CF 90, CF 108
Phase	3-phase
Inlet/outlet pipe connection	1" female NPT
Heat exchanger material	316L stainless steel
Enclosure rating	NEMA 3 standard, NEMA 4/4X available
Operating pressure range	4 - 150 psi (0.27 - 10.3 bar)
Temperature setpoint options (fixed)	90, 110, 125, 145, 155, & 185 °F (32, 43, 52, 63, 68, & 85 °C)
Number of heating elements	18
Minimum activation flow	0.0 gpm (0 l/m)



Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F (Δt = kW x 6.83 / gpm)				
							5 gpm	10 gpm	20 gpm	30 gpm	40 gpm
CF 81	CF-081-400D	400	3-phase delta	75.00	108.25	125	>100	57	29	19	14
	CF-081-480D	480	3-phase delta	81.07	97.52	110	>100	55	28	18	14
CF 90	CF-090-400D	400	3-phase delta	87.50	126.30	150	>100	60	30	20	15
CF 90	CF-090-480D	480	3-phase delta	90.00	108.25	125	>100	62	31	21	15
CF 108	CF-108-400D	400	3-phase delta	99.85	144.12	175	>100	69	35	23	17
	CF-108-480D	480	3-phase delta	108.00	129.90	150	>100	74	37	25	18
	CF-108-575D	575	3-phase delta	108.00	108.44	125	>100	74	37	25	18



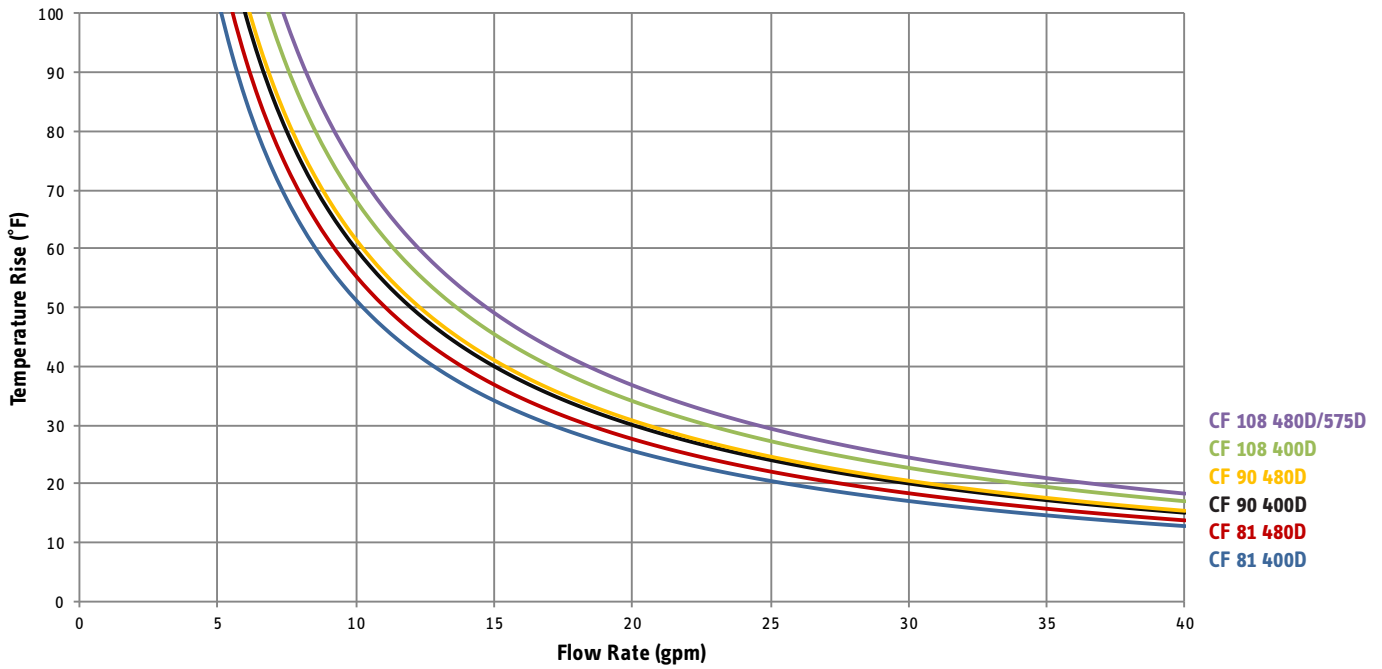
Conforms to ANSI/UL Std. 499
Certified to CAN/CSA
Std. C22.2 No.88



6 years against leakage /
2 years against defects in
workmanship & materials

rev. 12.2019 Due to our continuous process of engineering and technological advancement, specifications may change without notice.

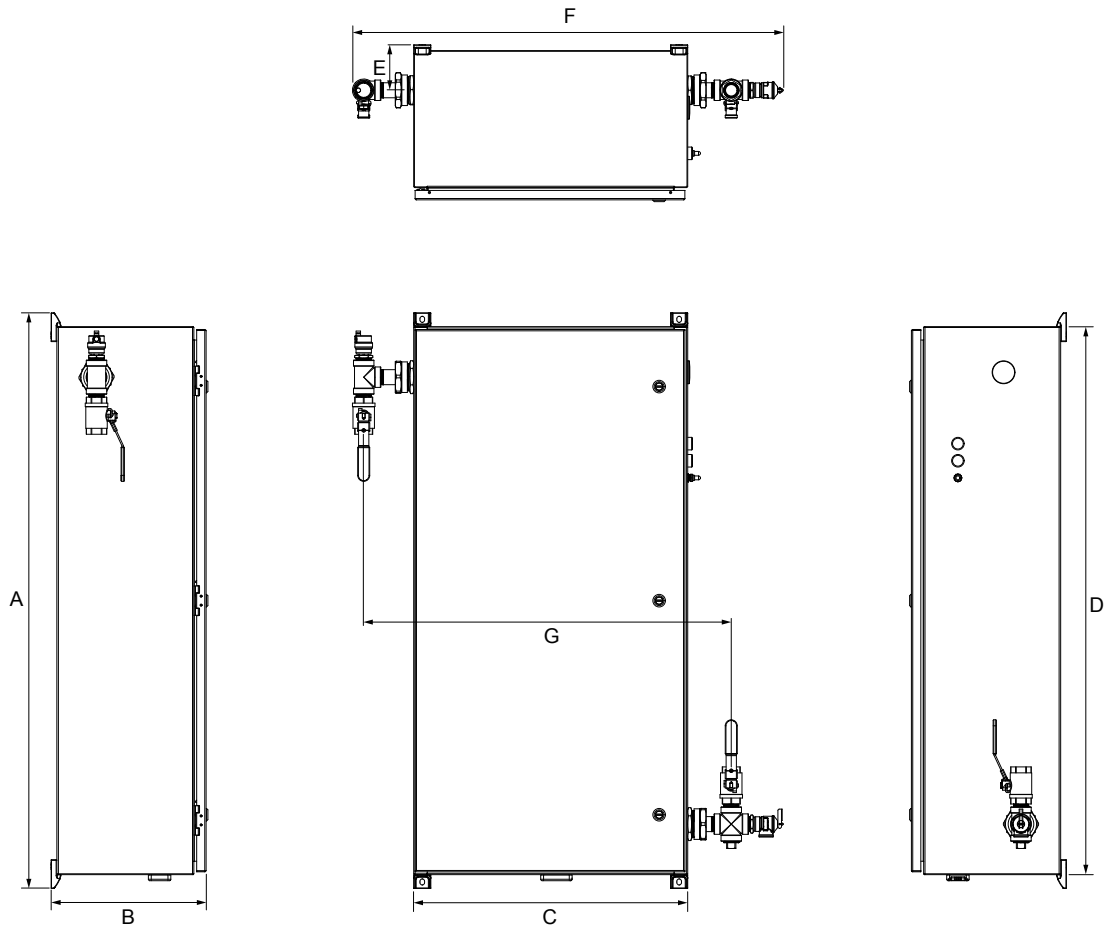
Flow Rate



Dimensions

Dimensions

A	50 ³ / ₈ " (1280 mm)
B	13 ⁵ / ₈ " (346 mm)
C	24" (610 mm)
D	48" (1219 mm)
E	4" (102 mm)
F	37 ³ / ₄ " (959 mm)
G	32 ¹ / ₄ " (819 mm)



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