

STIEBEL ELTRON

CF Plus Series: 24 kW, 27 kW, 36 kW | NEMA 3 Engineering Specification Sheet

Specifications

Model	CF Plus 24 kW, CF Plus 27 kW, CF Plus 36 kW
Phase	3-phase
Inlet/outlet pipe connection	3/4" female NPT
Heat exchanger material	316L stainless steel
Enclosure rating	NEMA 3 shown, NEMA 4/4X available
Operating pressure range	4-145 psi (0.28-10 bar)
Temperature setpoint options (programmed at factory, user adjustable)	60-180 °F (32-82 °C)
Number of heating elements	6
Minimum activation flow (hot start)	0.7 gpm (2.7 l/m) for DN 10 flowmeter 1.2 gpm (4.5 l/m) for DN 15 flowmeter
Maximum flow at 60 psi	10.6 gpm (40.1 l/m) for DN 10 flowmeter 13.2 gpm (50 l/m) for DN 15 flowmeter



Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F				
							1 gpm	2 gpm	3 gpm	5 gpm	10 gpm
CF Plus 24 kW	CFPLUS-024-208	208	3-phase delta	22.53	62.55	70	>100	77	51	31	15
	CFPLUS-024-240	240	3-phase delta	25.00	60.14	70	>100	85	57	34	17
	CFPLUS-024-480	480	3-phase delta	25.00	30.07	35	>100	85	57	34	17
	CFPLUS-024-575	575	3-phase delta	24.00	24.10	30	>100	82	55	33	16
CF Plus 27 kW	CFPLUS-027-208	208	3-phase delta	27.04	75.06	80	>100	92	62	37	18
	CFPLUS-027-240	240	3-phase delta	27.02	65.01	80	>100	92	62	37	18
	CFPLUS-027-480	480	3-phase delta	27.02	32.51	40	>100	92	62	37	18
CF Plus 36 kW	CFPLUS-036-208	208	3-phase delta	36.00	99.93	110	>100	>100	82	49	25
	CFPLUS-036-240	240	3-phase delta	36.00	86.60	100	>100	>100	82	49	25
	CFPLUS-036-480	480	3-phase delta	36.00	43.30	50	>100	>100	82	49	25
	CFPLUS-036-575	575	3-phase delta	36.00	36.15	40	>100	>100	82	49	25



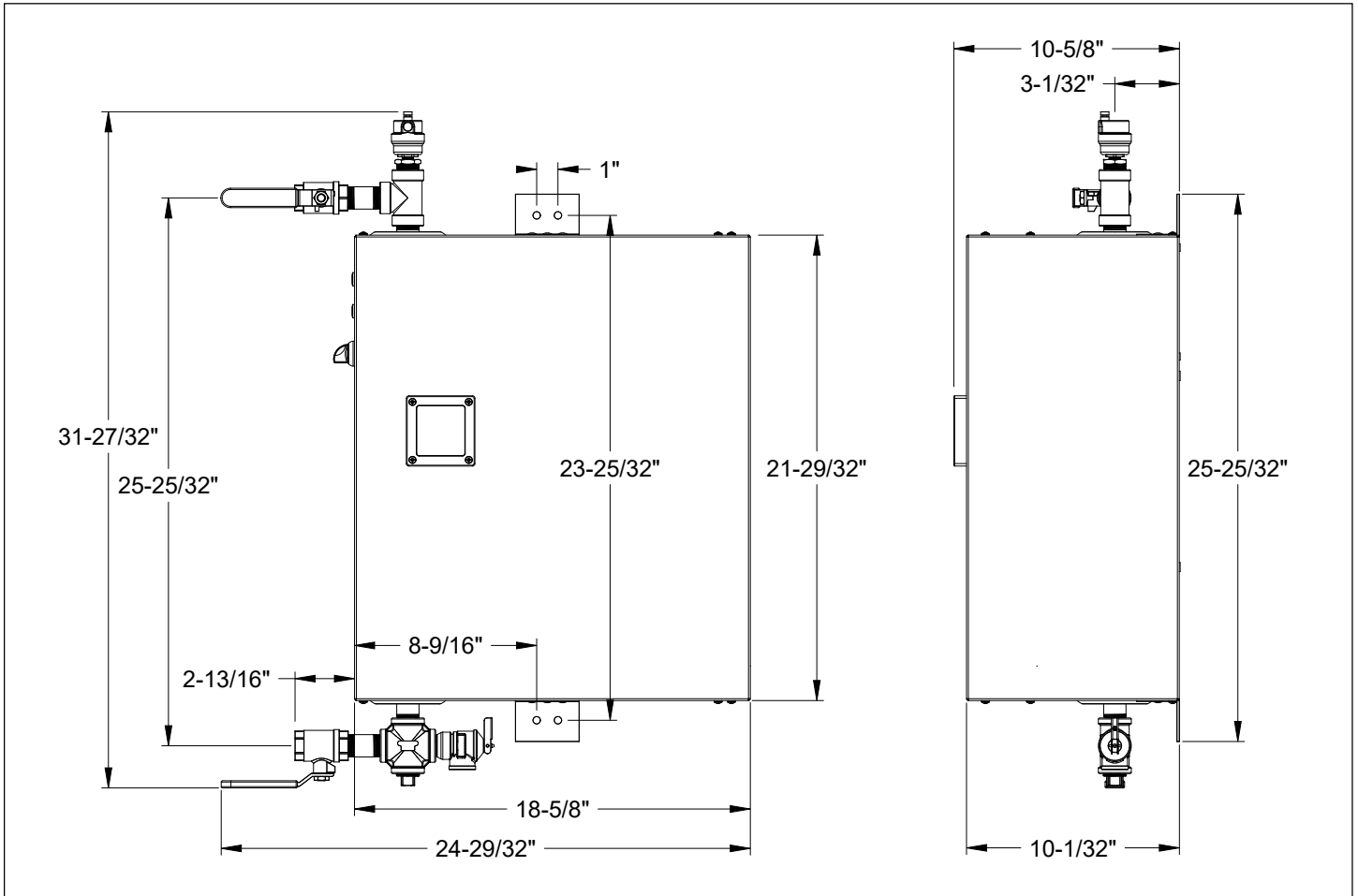
Certified to ANSI/UL Std. 499
Conforms to CAN/CSA
Std. C22.2 No.88



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

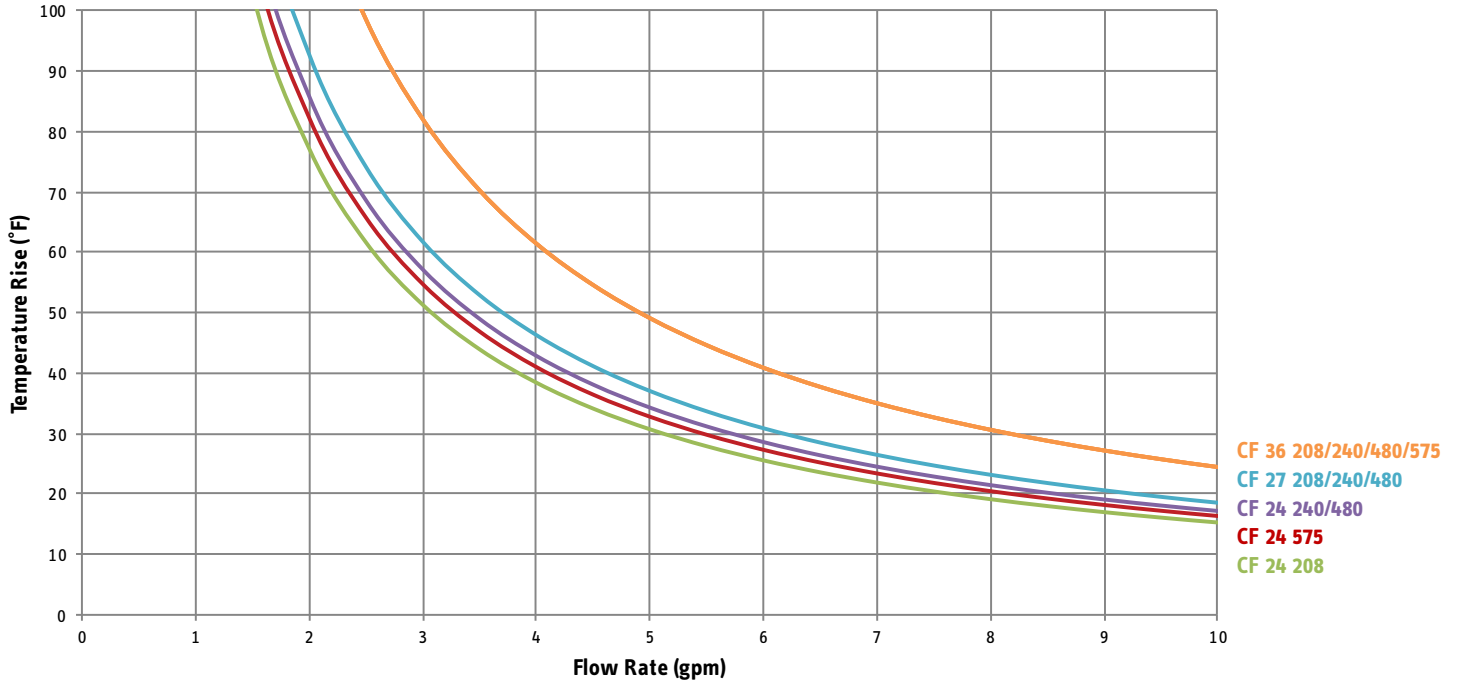
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Dimensions



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Temperature Rise vs. Flow Rate



Pressure Drop vs. Flow Rate

