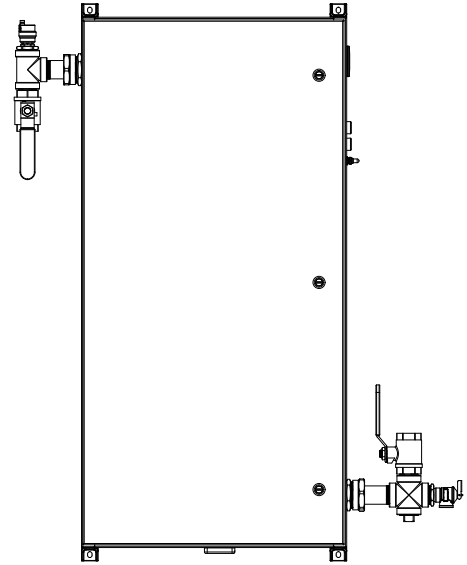


CF Series: CF 120, CF 144 | NEMA 3, NEMA 4/4X

Specifications

<b>Model</b>	CF 120, CF 144
<b>Phase</b>	3-phase
<b>Inlet/outlet pipe connection</b>	1 1/4" female NPT
<b>Heat exchanger material</b>	316L stainless steel
<b>Enclosure rating</b>	NEMA 3 standard, NEMA 4/4X available
<b>Operating pressure range</b>	4 - 150 psi (0.27 - 10.3 bar)
<b>Temperature setpoint options (fixed)</b>	90, 110, 125, 145, 155, & 185 °F (32, 43, 52, 63, 68, & 85 °C)
<b>Number of heating elements</b>	24
<b>Minimum activation flow</b>	0.0 gpm (0.0 l/m)



Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F (gpm = kW x 6.83 / Δt)				
							5 gpm	10 gpm	20 gpm	30 gpm	40 gpm
CF 120	CF-120-400D	400	3-phase delta	116.67	168.39	200	>100	76	38	25	19
	CF-120-480D	480	3-phase delta	120.00	144.34	175	>100	82	41	27	21
CF 144	CF-144-400D	400	3-phase delta	133.14	192.17	225	>100	92	46	31	23
	CF-144-480D	480	3-phase delta	144.00	173.21	200	>100	98	49	33	25
	CF-144-575D	575	3-phase delta	144.00	144.59	175	>100	99	49	33	25

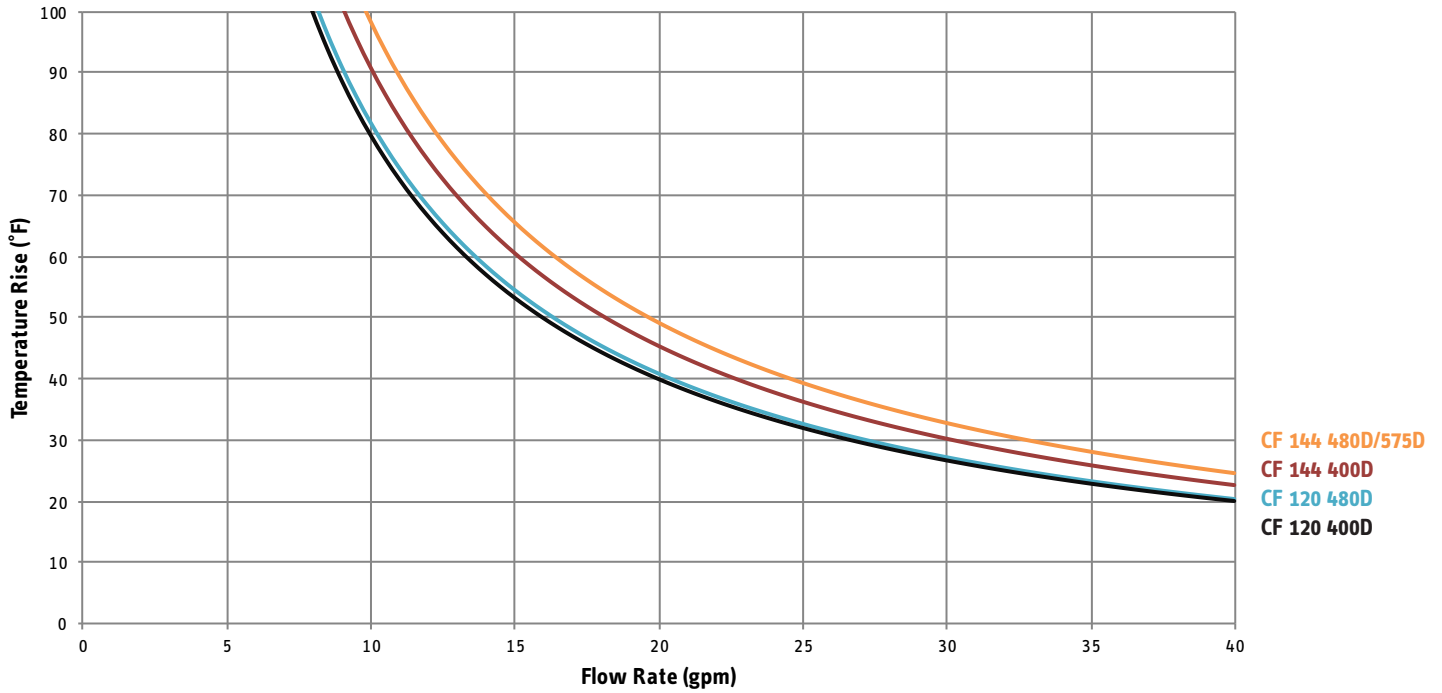


Conforms to ANSI/UL Std. 499  
Certified to CAN/CSA  
Std. C22.2 No.88



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

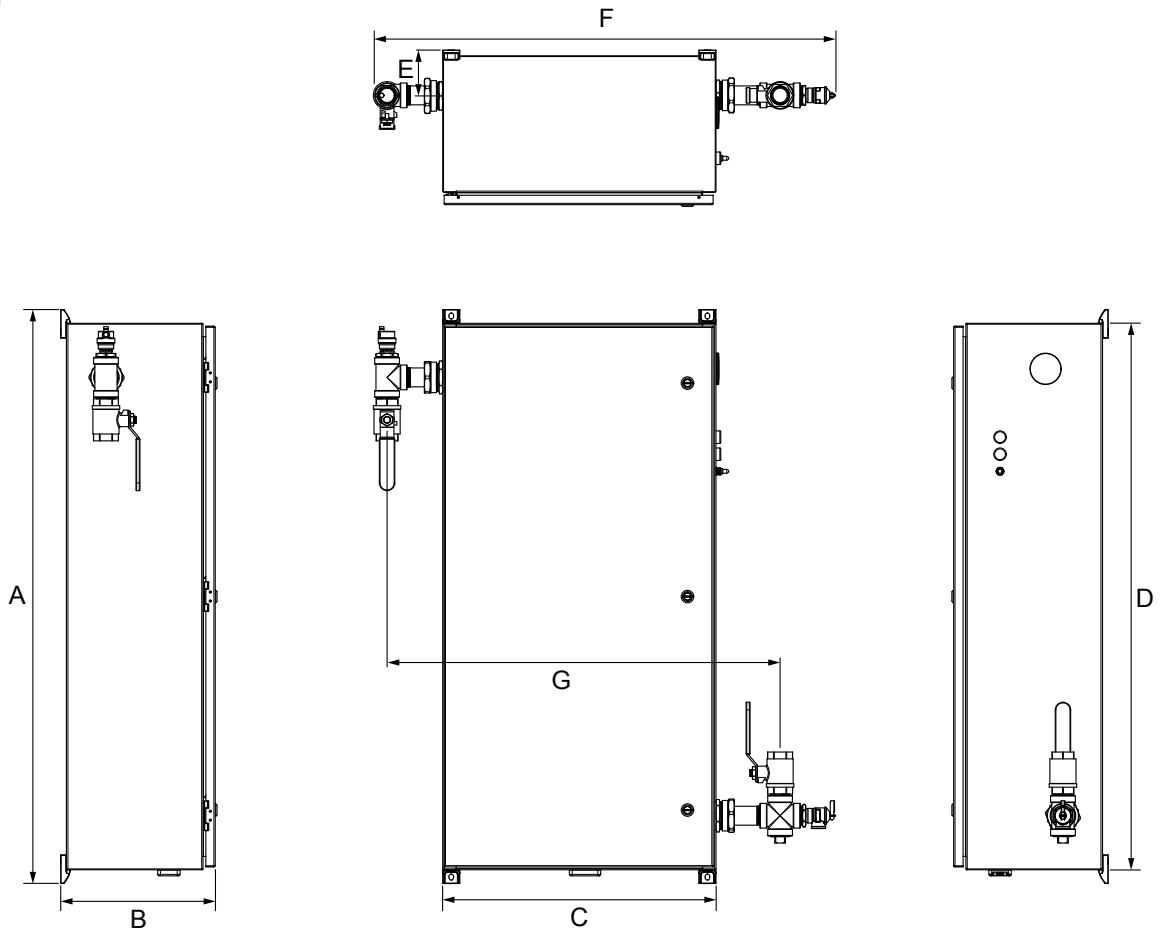
## Flow Rate



## Dimensions

### Dimensions

- A  $50 \frac{3}{8}$ " (1280 mm)
- B  $13 \frac{5}{8}$ " (346 mm)
- C  $24$ " (610 mm)
- D  $48$ " (1219 mm)
- E  $4$ " (102 mm)
- F  $40 \frac{5}{8}$ " (1032 mm)
- G  $34 \frac{1}{2}$ " (876 mm)



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