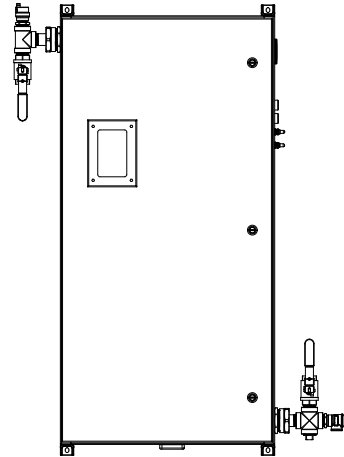


CERO Series: CERO 48, CERO 54, CERO 72 | NEMA 4/4X

Specifications

<b>Model</b>	CERO 48, CERO 54, CERO 72
<b>Phase</b>	3-phase
<b>Inlet/outlet pipe connection</b>	1" female NPT
<b>Heat exchanger material</b>	316L stainless steel
<b>Enclosure rating</b>	NEMA 4/4X shown, NEMA 3 available
<b>Operating pressure range</b>	4 – 150 psi (0.27 – 10.3 bar)
<b>Maximum temperature output</b>	185 °F (85 °C)
<b>Temperature adjustment range</b>	60 – 185 °F (16 – 85 °C)
<b>Temperature adjustment increment</b>	1 °F (1 °C)
<b>Number of heating elements</b>	12
<b>Minimum activation flow</b>	2.0 gpm (7.6 l/m)
<b>Maximum flow at 60 psi</b>	32 gpm (121.1 l/m)



Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F (gpm = kW x 6.83 / Δt)				
							3 gpm	4 gpm	5 gpm	10 gpm	20 gpm
CERO 48	CERO-048-240D	240	3-phase delta	50.00	120.28	150	>100	86	68	34	17
	CERO-048-400D	400	3-phase delta	50.00	72.17	80	>100	85	68	34	17
	CERO-048-480D	480	3-phase delta	50.00	60.14	70	>100	86	68	34	17
	CERO-048-575D	575	3-phase delta	47.99	48.19	60	>100	82	66	33	16
CERO 54	CERO-054-208D	208	3-phase delta	54.08	150.11	175	>100	92	74	37	18
	CERO-054-240D	240	3-phase delta	54.05	130.02	150	>100	92	74	37	18
	CERO-054-480D	480	3-phase delta	54.05	65.01	70	>100	92	74	37	18
CERO 72	CERO-072-240D	240	3-phase delta	72.00	173.21	200	>100	>100	98	49	25
	CERO-072-480D	480	3-phase delta	72.00	86.60	100	>100	>100	98	49	25
	CERO-072-575D	575	3-phase delta	71.99	72.28	80	>100	>100	99	49	25



Intertek

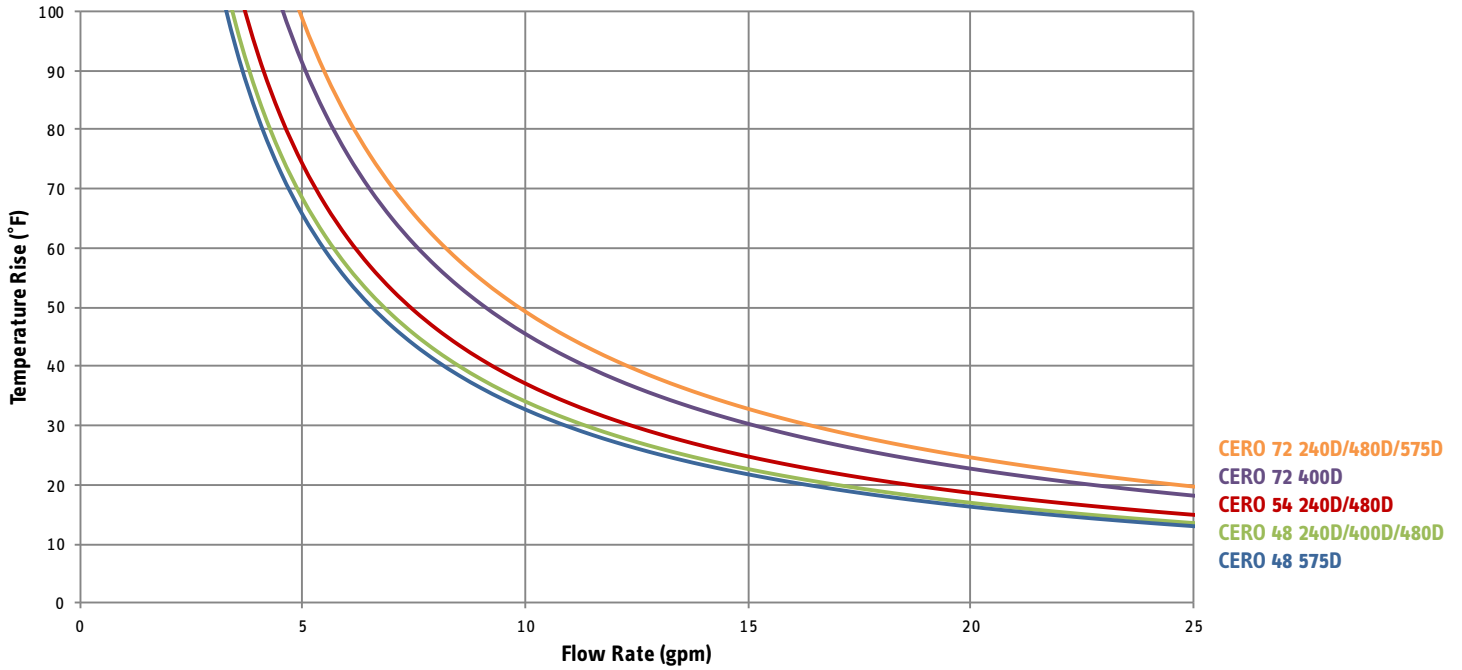
Conforms to ANSI/UL Std. 499  
 Certified to CAN/CSA  
 Std. C22.2 No.88



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

rev. 4.2020 Due to our continuous process of engineering and technological advancement, specifications may change without notice.

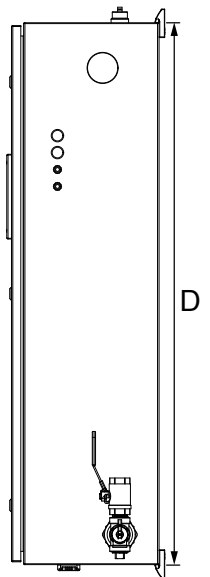
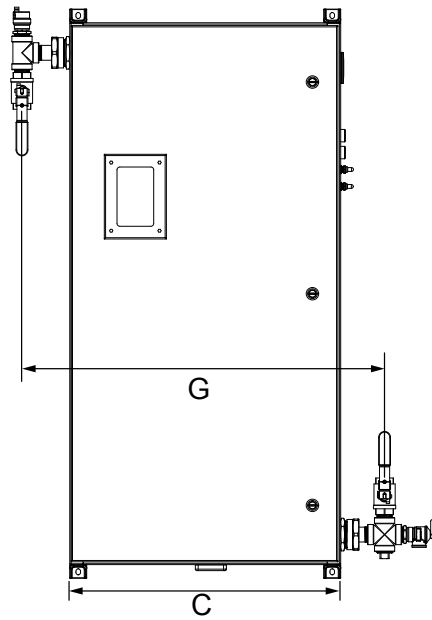
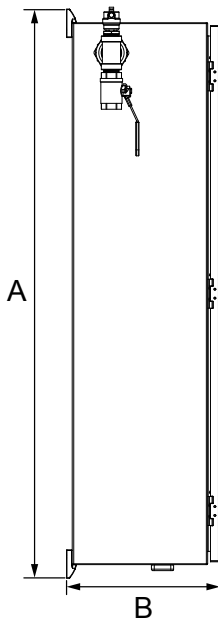
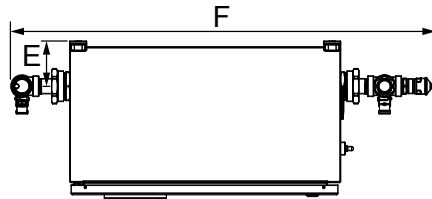
## Flow Rate



## 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  $37 \frac{5}{8}$ " (956 mm)
- G  $32 \frac{1}{8}$ " (816 mm)



rev. 4-2020 Due to our continuous process of engineering and technological advancement, specifications may change without notice.