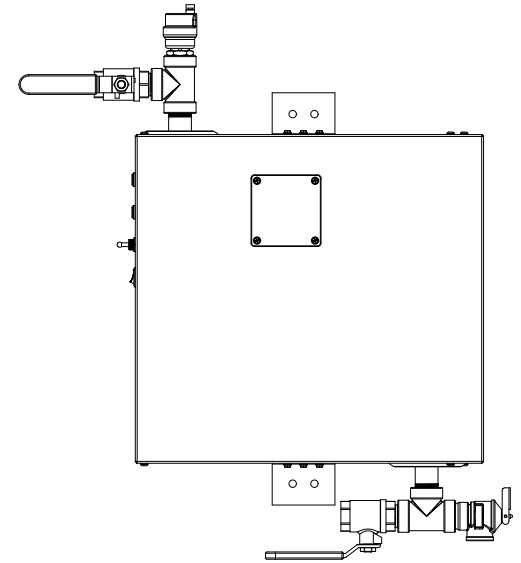


CERO Series: CERO 12, CERO 15, CERO 18 | NEMA 3

Specifications

<b>Model</b>	CERO 12, CERO 15, CERO 18
<b>Phase</b>	3-phase
<b>Inlet/outlet pipe connection</b>	3/4" female NPT
<b>Heat exchanger material</b>	316L stainless steel
<b>Enclosure rating</b>	NEMA 3 shown, NEMA 4/4X 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>	3
<b>Minimum activation flow</b>	0.5 gpm (1.9 l/m)
<b>Maximum flow at 60 psi</b>	15 gpm (56.7 l/m)



\*CERO-018-480D is a 6-element heater.

Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F (gpm = kW x 6.83 / Δt)				
							1 gpm	2 gpm	3 gpm	4 gpm	5 gpm
CERO 12	CERO-012-208D	208	3-phase delta	10.15	28.17	35	69	35	23	17	14
	CERO-012-240D	240	3-phase delta	12.50	30.07	35	86	43	29	21	17
	CERO-012-400Y	400	3-phase wye	11.48	16.57	20	85	42	28	21	17
	CERO-012-480Y	480	3-phase wye	11.10	13.35	15	76	38	25	19	15
CERO 15	CERO-015-208D	208	3-phase delta	13.52	37.53	45	92	46	31	23	18
	CERO-015-240D	240	3-phase delta	13.51	32.51	40	92	46	31	23	18
	CERO-015-400Y	400	3-phase wye	12.41	17.91	20	>100	56	38	28	23
	CERO-015-480Y	480	3-phase wye	16.65	20.03	25	>100	57	38	28	23
CERO 18	CERO-018-208D	208	3-phase delta	18.00	49.96	60	>100	62	42	31	25
	CERO-018-240D	240	3-phase delta	18.00	43.30	50	>100	62	42	31	25
	CERO-018-400Y	400	3-phase wye	16.53	23.86	30	>100	56	37	28	23
	CERO-018-480D	480	3-phase delta	18.00	21.65	25	>100	57	38	28	23
	CERO-018-480Y	480	3-phase wye	16.66	20.04	25	>100	62	42	31	25

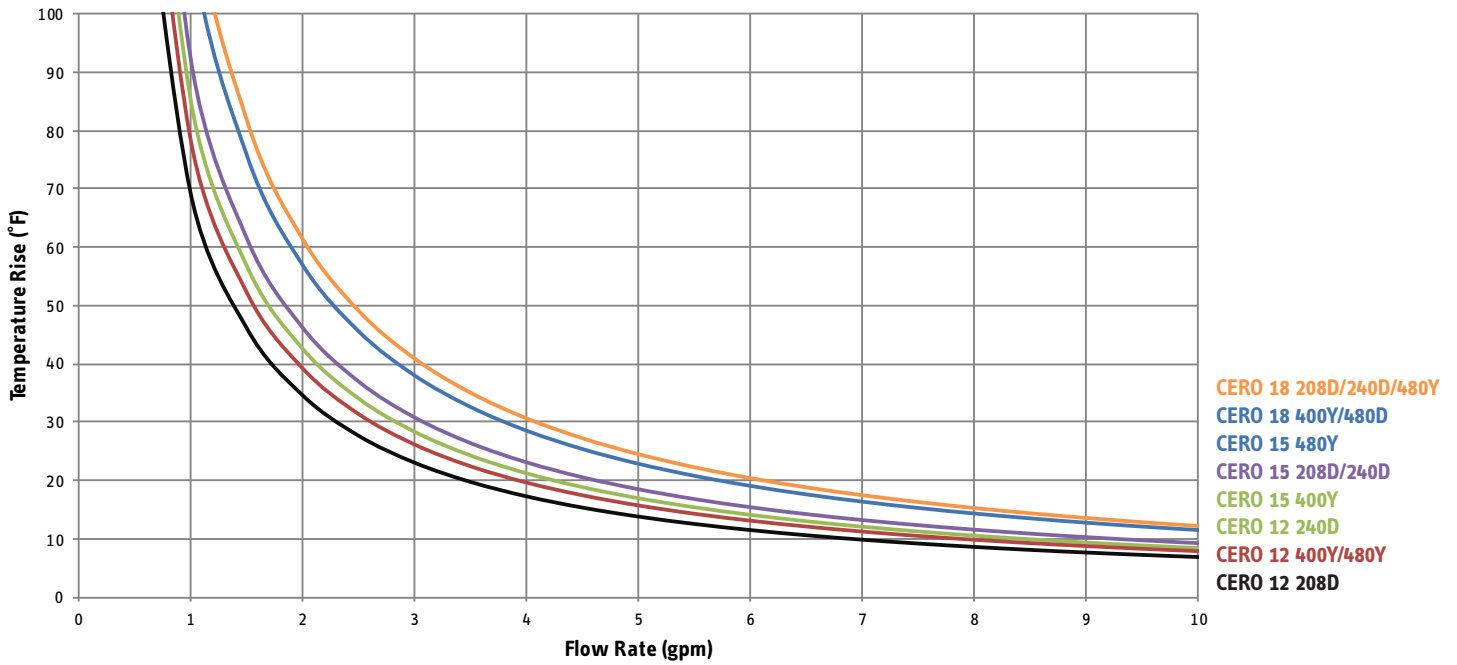


Conforms to ANSI/UL Std. 499  
 Certified to CAN/CSA  
 Std. C22.2 No.88



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

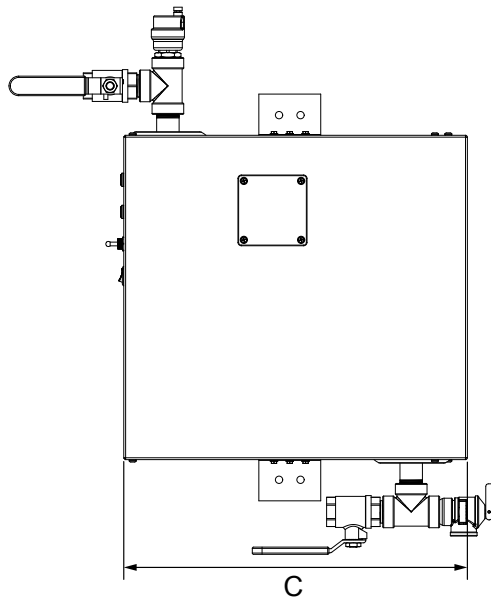
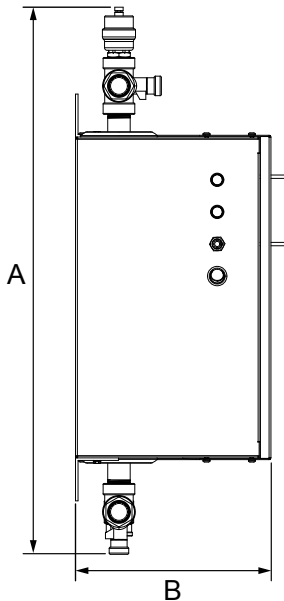
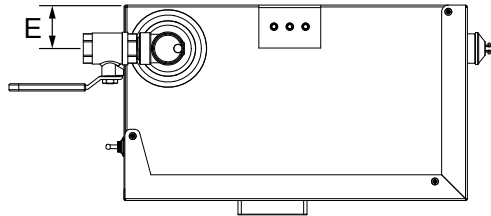
## Flow Rate



## Dimensions

### Dimensions

- A  $25 \frac{3}{8}$ " (645 mm)
- B  $9 \frac{1}{8}$ " (232 mm)
- C  $16 \frac{1}{16}$ " (408 mm)
- D  $15 \frac{1}{8}$ " (384 mm)
- E  $2$ " (51 mm)



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