

CERO Plus Series: 81 kW, 90 kW, 108 kW | NEMA 3/4/4X

**Specifications**

<b>Model</b>	CERO Plus 81 kW, CERO Plus 90 kW, CERO Plus 108 kW
<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 3 standard, NEMA 4/4X available
<b>Operating pressure range</b>	4-150 psi (0.27-10.3 bar)
<b>Maximum temperature output</b>	180 °F (82 °C)
<b>Temperature adjustment range</b>	60-180 °F (16-85 °C)
<b>Temperature adjustment increment</b>	1 °F (1 °C)
<b>Number of heating elements</b>	18
<b>Minimum activation flow</b>	3.75 gpm (14.2 l/m)
<b>Maximum flow at 60 psi</b>	40 gpm (151.4 l/m)



Model	Part Number	Voltage	Phase	kW	Amps	3P Breaker Size (A)	Temperature Rise °F				
							5 gpm	10 gpm	15 gpm	20 gpm	40 gpm
CERO Plus 81 kW	CEROPLUS-81-480	480	3-phase delta	81.07	97.52	110	>100	55	37	28	14
CERO Plus 90 kW	CEROPLUS-090-480	480	3-phase delta	90.00	108.25	125	>100	62	31	21	15
CERO Plus 108 kW	CEROPLUS-108-480	480	3-phase delta	108.00	129.90	150	>100	74	49	37	18
	CEROPLUS-108-575	575	3-phase delta	108.00	108.44	125	>100	74	49	37	18

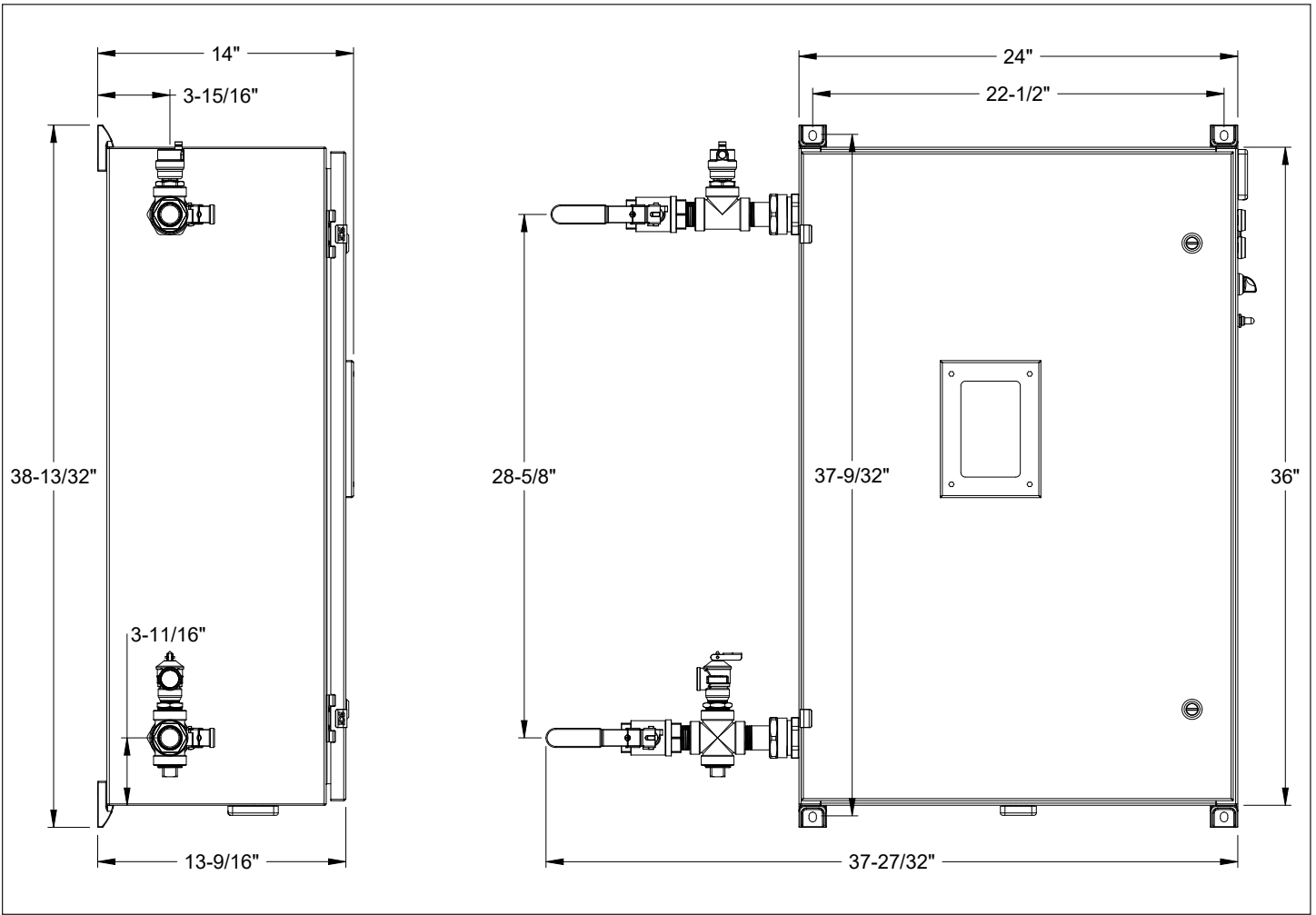


Certified to ANSI/UL Std. 499  
Conforms to CAN/CSA  
Std. C22.2 No.88

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

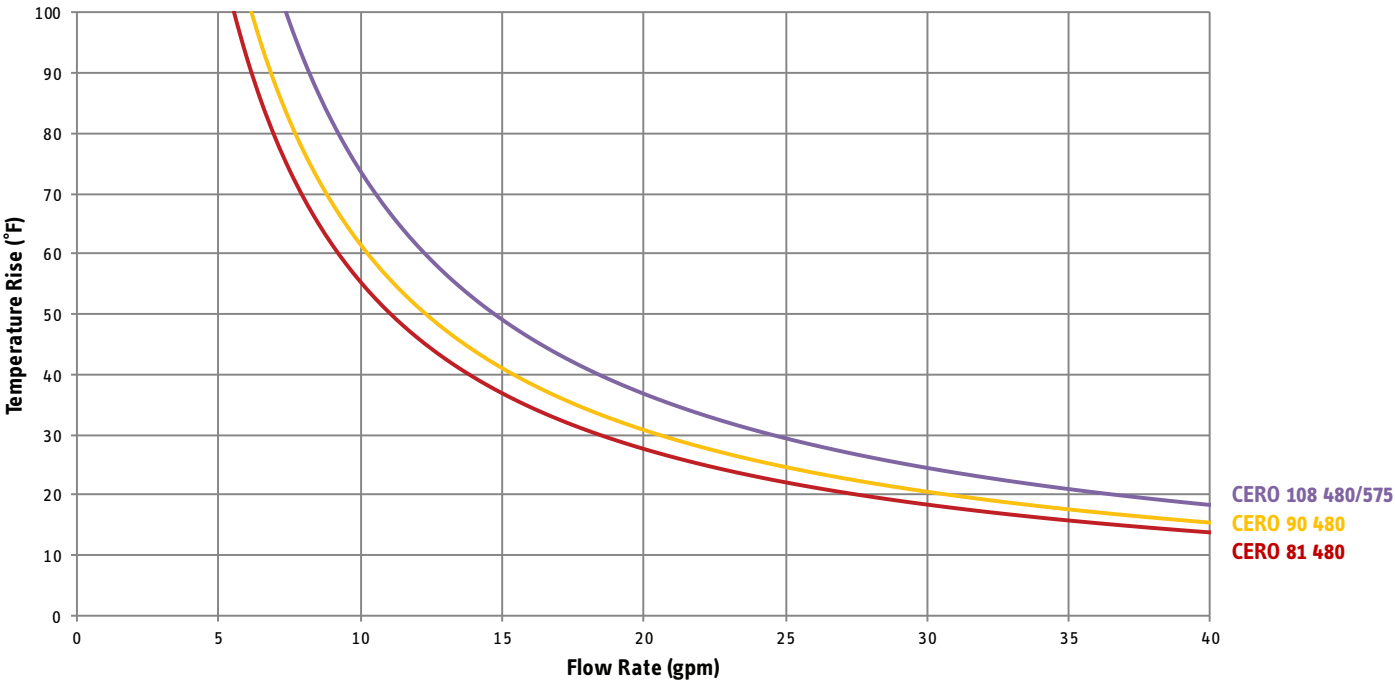
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# Dimensions

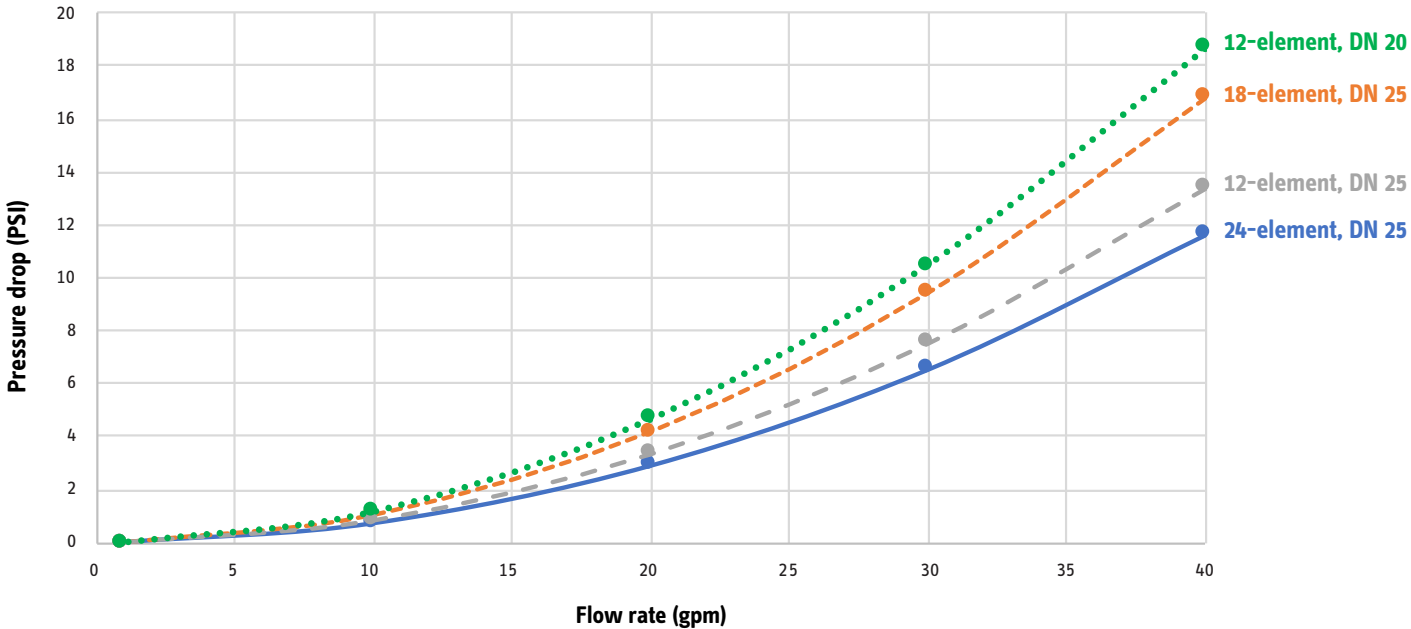


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## Temperature Rise vs. Flow Rate



## Pressure Drop vs. Flow Rate



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