

CERO Plus Series: 120 kW, 144 kW | NEMA 3/4/4X

Specifications

| | |
|---|--------------------------------------|
| Model | CERO Plus 120 kW, CERO Plus 144 kW |
| Phase | 3-phase |
| Inlet/outlet pipe connection | 1¼" female NPT |
| Heat exchanger material | 316L stainless steel |
| Enclosure rating | NEMA 3 standard, NEMA 4/4X available |
| Operating pressure range | 4-150 psi (0.27-10.3 bar) |
| Maximum temperature output | 180 °F (82 °C) |
| Temperature adjustment range | 60-180 °F (16-82 °C) |
| Temperature adjustment increment | 1 °F (1 °C) |
| Number of heating elements | 24 |
| Minimum activation flow | 3.75 gpm (14.2 l/m) |
| Maximum flow at 60 psi | 40 gpm (151.4 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 | 15 gpm | 20 gpm | 40 gpm |
| CERO Plus 120 kW | CEROPLUS-120-480 | 480 | 3-phase delta | 120.00 | 144.34 | 175 | >100 | 82 | 55 | 41 | 21 |
| CERO Plus 144 | CEROPLUS-144-480 | 480 | 3-phase delta | 144.00 | 173.21 | 200 | >100 | 98 | 66 | 49 | 25 |
| | CEROPLUS-144-575 | 575 | 3-phase delta | 144.00 | 144.59 | 175 | >100 | 98 | 66 | 49 | 25 |



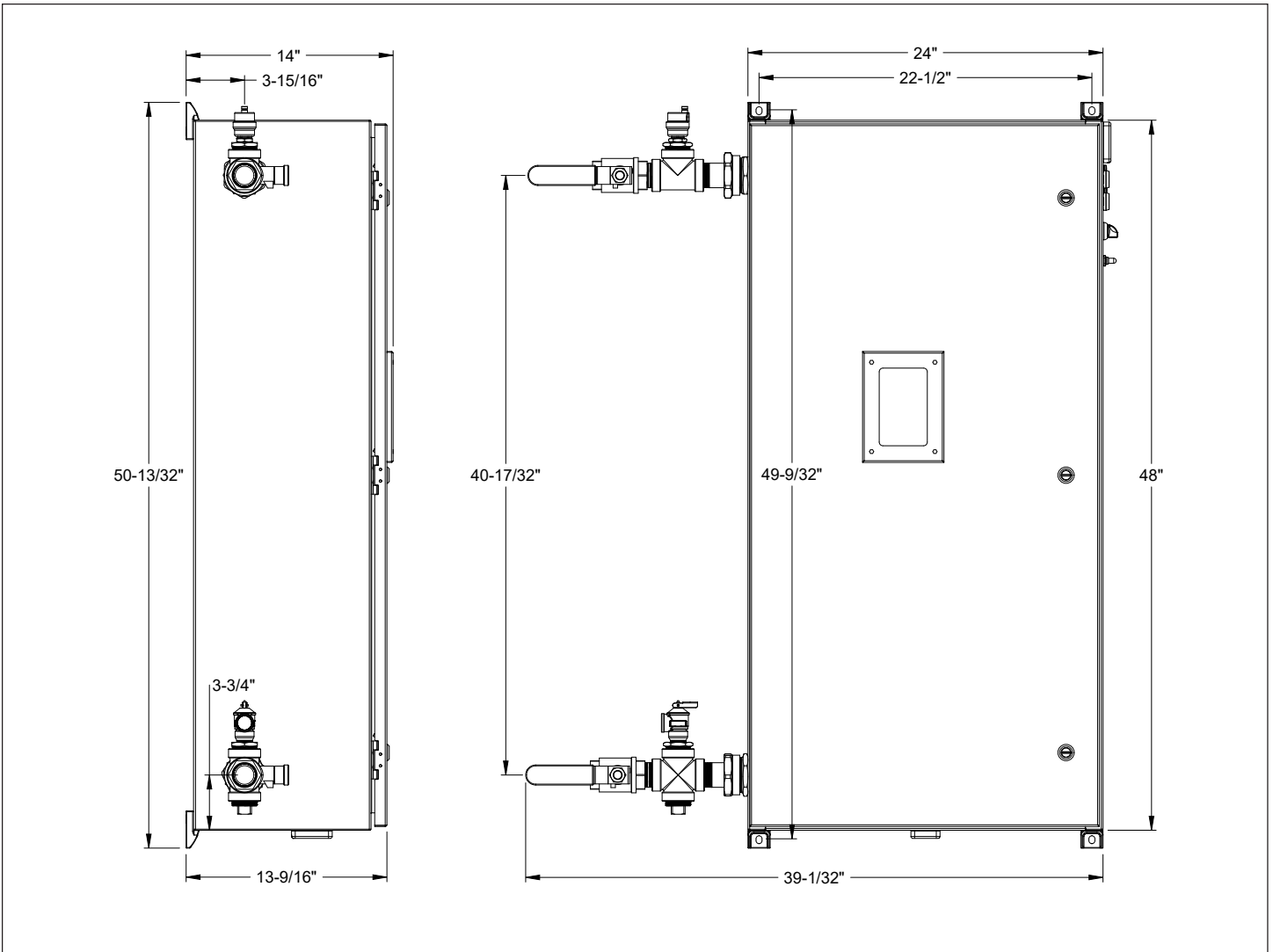
Certified to ANSI/UL Std. 499
Conforms to CAN/CSA
Std. C22.2 No.88



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

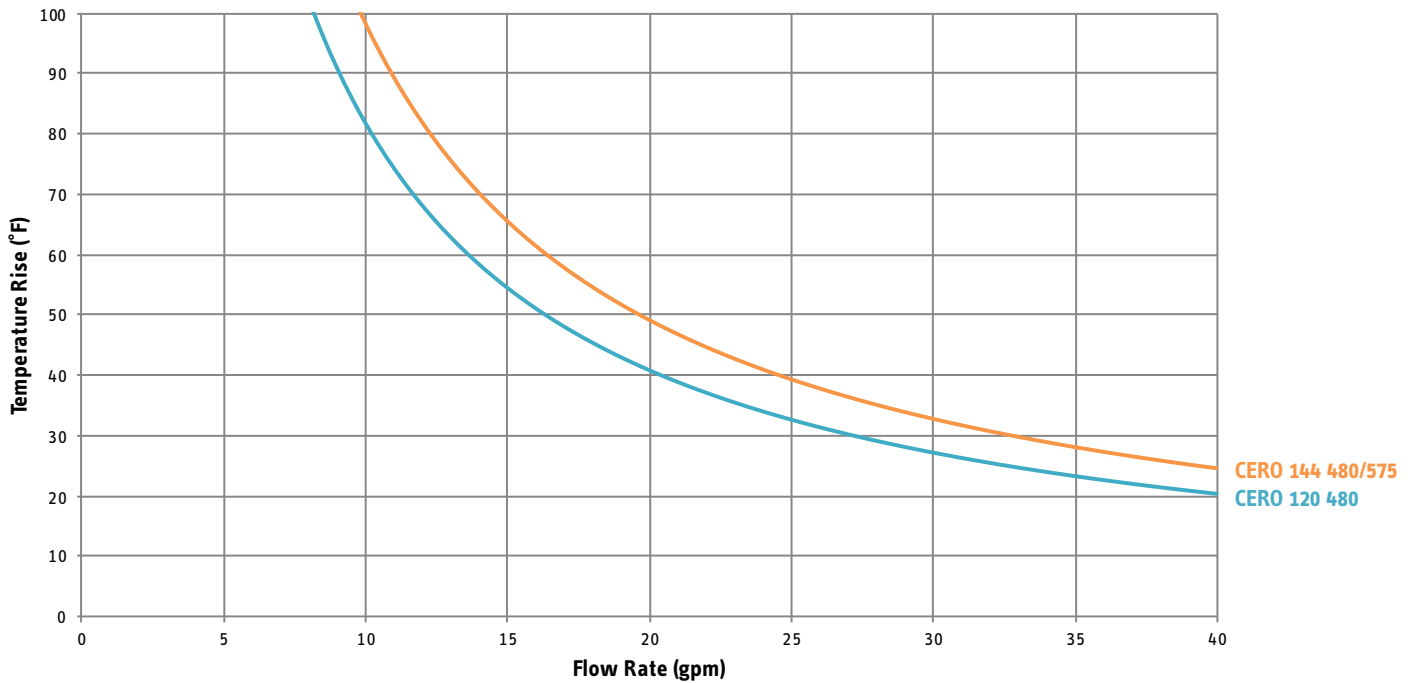
rev. 10.2023 Due to our continuous process of engineering and technological advancement, specifications may change without notice.

Dimensions



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Temperature Rise vs. Flow Rate



Pressure Drop vs. Flow Rate

