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At 245K BTU per hour it is good for medium to large applications. It is the most popular size general purpose unit in the line.

MODEL NAME

CE 72 KW

FEATURES	DATA
Phase of electricity required	Three
Full load AMP draw at available three phase Voltages	n/a means not available
Full load Amp draw at 575	72
Full load Amp draw at 480	86
Full load Amp draw at 240	172
Full load Amp Draw at 208	200
Y or Delta configuration for 480 volt units	Delta
In/out pipe size	1"
Heat Exchanger material	304 SS
Enclosure size W x H x D	16 x 32 x 8
Area needed to install and repair	43 x 56 x 40
Enclosure size including fittings	22.5 x 44 x 8
Enclosure rating	NEMA 3, NEMA 4 available
Mounted at customer site via	Brackets at top and bottom of box
Efficiency	98.90%
Operating pressure range	0-150 PSI
BTU output per hour	245,664
Temperature output maximum	185 F
Output temperature settings available	60 to 185 F
Output temperature adjustable	Yes, 1 degree increments
Temperature output minimum	60
Freeze protection	Yes Standard
Number of overtemp protections	three
Individually fused elements	Yes
RS 232 interface available	Yes
Minimum flow to engage	2.0
Maximum flow at 60 PSI	32
Shipping weight	90
Shipping box size	44 x 21 x 14
Shipping mode	UPS
Warranty	2 years electrical parts 5 years on heat exchanger



CUT SHEET

**Units Covered**

CE Series	CES Series	CERO Series
48 KW	48 KW	54 KW
54 KW	54 KW	72 KW
60 KW	60 KW	
72 KW	72 KW	

Unit Weight - 110 lbs

**Unit Dimensions and Mechanical Info**

**Install Instructions for 12 element CE, CES and CERO Series heater**

- Remove the front and top cover of the heater.
- Mount heater to the wall using the brackets provided.
- Insert the air separator, 75" which was also inside the heater box with the owners manual.
- Connect hot and cold water to 3/4" or end and use the pressure relief valve in the drain.
- The customer needs to reattach the valve assembly to the unit.
- Connect electrical lines one thru there and ground to the heater. There is one entry point to the box on the bottom and one on each side. Verify the breaker and wire size on engineering chart based on size of heater and voltage.
- Run water thru the heater for 20 seconds.
- Check the delay switch setting and change if desired. The factory setting is 1 minute. Once the water pressure reading is above 3 PSI the delay timer starts and the heater comes on after the delay time has elapsed.
- Turn on the heaters.
- Replace cover.
- Turn on the switch to the heater.
- Wait the 1 minute for the pressure switch to engage or whatever timeframe you used if you changed the delay thermostat.
- Set desired temperature level using the toggle switch.
- Remove cover to check temperature setting, adjust as necessary, and replace the cover.

**Notes:**

- Red lines represent customer supplied pipe or electrical
- Main Power can come in from the bottom or other side

<b>Tankless, Inc.</b>			
<b>CE, CES, CERO Series</b>			
<b>12 Element Heater</b>			
DATE	DESIGN	MATERIAL	SHEET 1 OF 1
REV 01	01/10/04 4:07:01 PM	BY: M11/SL/SHAWING	REVISION: 1/03

SUGGESTED SPECIFICATION

Tankless Water Heater shall be a Tankless Inc. model \_\_\_\_\_, with \_\_\_\_\_ KW, and \_\_\_\_\_ vac to heat \_\_\_\_\_ GPM @ a temperature rise of \_\_\_\_\_ degrees F. Heating elements shall have an incoloy sheath. Heater shall have 3/4" or larger NPT fittings and have stainless steel heat exchangers and internal plumbing. Hot water storage tanks prohibited. Heating unit will be a Tankless, Inc. product or approved equal.