



2060 Whitfield Park Ave
Sarasota FL 34243

1-800-TANKLESS or 800-826-5537
941 755 6529 FAX
EMAIL INFO@HOTWATERHEATER.COM



At 41 K BTU per hour it is good for small one to two sink applications and is a small commercial heater. The unit will heat 1.8 gallons per minute by 40 degrees.

MODEL NAME

CE 12 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	n/a
Full load Amp draw at 480	14
Full load Amp draw at 240	29
Full load Amp Draw at 208	33
Y or Delta configuration for 480 volt units	Y only
In/out pipe size	3/4"
Heat Exchanger material	304 SS
Enclosure size W x H x D	14.75 x 11 x 7.5
Area needed to install and repair	43 x 35 x 40
Enclosure size including fittings	22.5 x 23 x 7.5
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	40,944
Temperature output maximum	185
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	.5
Maximum flow at 60 PSI	15
Shipping weight	35
Shipping box size	19 1/8 x 18 5/8 x 12 7/8
Shipping mode	UPS
Warranty	2 years electrical parts 5 years on heat exchanger



CUT SHEET

Units Covered

CE Series	CES Series
12 KW	12 KW
15 KW	15 KW
18 KW	18 KW

Unit Weight - 35 lbs

Unit Dimensions and Mechanical Info

Install Instructions for 3 element CE and CES Series heater

- Remove the front end top cover of the heater.
- Mount heater to the wall using the brackets provided.
- Install the air separator, "A", which will filter the heater from water to the drain.
- Connect hot and cold water to 3/4" and use the pressure relief valve to the drain.
- The customer needs to vent the water vent pipe to the vent.
- Ground electrical from one side back and ground to the heater. There is one vent pipe to the hot water tank and one on each side. Verify the bracket and wire size on engineering sheet based on size of heater and venting.
- 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 75 PSI the delay timer starts and the heater comes on after 10. Turn on the heater.
- Replace cover.
- Turn the switch to the heater.
- With the unit on the pressure switch to engage or whatever direction you need if you changed the delay function.
- Set desired temperature based on the length needs.
- Set desired temperature based on the length needs.
- Remove cover to check temperature setting, adjust as necessary, and replace the cover.

Notes:
 1. Stud Lines represent customer supplied pipe or electrical
 2. Main Power can come in from the bottom or side side

Tankless, Inc.
CE and CES Series
3 Element Heater

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.