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At 51K BTU per hour it is good for small one to two sink applications and is a small commercial heater. It will heat 2.25 gallons per minute by 45 degrees Fahrenheit.

MODEL NAME

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	18
Full load Amp draw at 240	36
Full load Amp Draw at 208	42
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	51,180
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	.50
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

CE 15 KW



CUT SHEET

Units Covered

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

Unit Weight - 26 lbs

Unit Dimensions and Mechanical Info

Install Instructions for 3 element CE and CES Series heater

- Remove the front and top cover of the heater.
- Mount heater to the wall using the brackets provided.
- Insert the air separator, "AS", which will allow inside the heater box with the owners manual.
- Connect hot and cold water to 3/4 in and out and the pressure relief valve to the drain.
- The customer needs to restrict the water valve to the unit.
- Connect electrical lines one one three, and ground to the heater. There is one entry point to the box on the bottom and one on each side. Verify the bracket and wire size on engineering chart based on size of heater and voltage.
- Flow water thru the heater for 20 seconds.
- Check the delay switch setting and change if needed. 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 breakers.
- Replace cover.
- Turn on the switch to the heater.
- Wait the 1 minute for the pressure switch to engage or whatever device you used if you changed the delay time.
- 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 either side

Tankless, Inc.			
CE and CES Series			
3 Element Heater			
DATE	REVISED	SHEET 1 OF 1	
10/15/10	10/15/10	REVISED	10/15/10

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.