



2060 Whitfield Park Ave
Sarasota FL 34243
1-800-TANKLESS or 800-826-5537
941 755 6529 FAX
EMAIL INFO@HOTWATERHEATER.COM



At 184K BTU per hour it is good for medium to large applications. It is excellent for office buildings, hotels and commercial applications and does up to five sinks at one time. This unit will flow over 20 gallon per minute thru the heater with the 1" pipe option. As with all our electronic units it is adjustable in one degree increments from one degree over your inbound water temperature up to 185 degrees.

MODEL NAME

CE 54 KW

FEATURES	DATA
Phase of electricity required	Three
Full load AMP draw at available three phase Voltages	n/a
n/a means not available	
Full load Amp draw at 575	n/a
Full load Amp draw at 480	65
Full load Amp draw at 240	129
Full load Amp Draw at 208	150
Y or Delta configuration for 480 volt units	Delta
In/out pipe size	3/4 or 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	184,248
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	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	Unit Dimensions and Mechanical Info																								
<table border="1"> <tr> <td>CE Series</td> <td>CES Series</td> <td>CERO Series</td> </tr> <tr> <td>48 KW</td> <td>48 KW</td> <td>54 KW</td> </tr> <tr> <td>54 KW</td> <td>54 KW</td> <td>72 KW</td> </tr> <tr> <td>60 KW</td> <td>60 KW</td> <td></td> </tr> <tr> <td>72 KW</td> <td>72 KW</td> <td></td> </tr> </table>	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											
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<p>Unit Weight - 110 lbs</p> <p>Install Instructions for 12 element CE, CES and CERO Series heater</p> <ol style="list-style-type: none"> Remove the front and top cover of the heater. Mount heater to the wall using the brackets provided. Insert the air separator, "A", which was also inside the heater box with the manual. Connect hot and cold water to 3/4" and hot and the pressure relief valve to the drain. The location needs to maintain the vent accessible to the unit. Connect electrical lines see data sheet and ground to the heater. There is one entry point to the box on the bottom and one on each side. Verify the heater and wire size as engineering chart based on air of heater and voltage. Flow water thru the heater for 30 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 timeframe has elapsed. Turn on the brackets. 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 timeframe. Set desired temperature level using the toggle switch. Remove cover to check temperature setting, adjust as necessary, and replace the cover. 	<p>Notes:</p> <ol style="list-style-type: none"> Red Lines represent customer supplied pipe or electrical Main Power can come to from the bottom or either side <table border="1"> <tr> <td colspan="4">Tankless, Inc.</td> </tr> <tr> <td colspan="4">CE, CES, CERO Series</td> </tr> <tr> <td colspan="4">12 Element Heater</td> </tr> <tr> <td>DATE</td> <td>ISSUE</td> <td>REVISION</td> <td>SHEET 1 OF 1</td> </tr> <tr> <td>03/20/18 4:47:21 PM</td> <td></td> <td></td> <td></td> </tr> <tr> <td>03/20/18 4:47:21 PM</td> <td>03/20/18 4:47:21 PM</td> <td>03/20/18 4:47:21 PM</td> <td>03/20/18 4:47:21 PM</td> </tr> </table>	Tankless, Inc.				CE, CES, CERO Series				12 Element Heater				DATE	ISSUE	REVISION	SHEET 1 OF 1	03/20/18 4:47:21 PM				03/20/18 4:47:21 PM	03/20/18 4:47:21 PM	03/20/18 4:47:21 PM	03/20/18 4:47:21 PM
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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.