

This commercial heater is used for wash up sinks and commercially in restaurants for dishwasher booster applications. At 41K BTU per hour it is good for small applications.

MODEL NAME

FEATURES	DATA
Phase of electricity required	Three
Full load AMP draw at available three phase Voltages	
N/A means this voltage is not available in this model	
Full load Amp draw at 575	N/A
Full load Amp draw at 480	14
Full load Amp draw at 380	n/a
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	30 x 35 x 40
Enclosure size including fittings	21.25 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	200
Output temperature settings available	90,110,125,145,155,185,200
Output temperature adjustable	No, With the optional ETC you can adjust the temperature in recirculation systems
Temperature output minimum	90
Freeze protection	Optional
Minimum flow to engage	2 G.P.M. with optional flow switch, 0 without the switch
Number of overtemp protections	Two
Individually fused elements	Yes
Maximum flow in G.P.M. at 60 PSI	32
Shipping weight in Lbs.	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

CF 12 KW

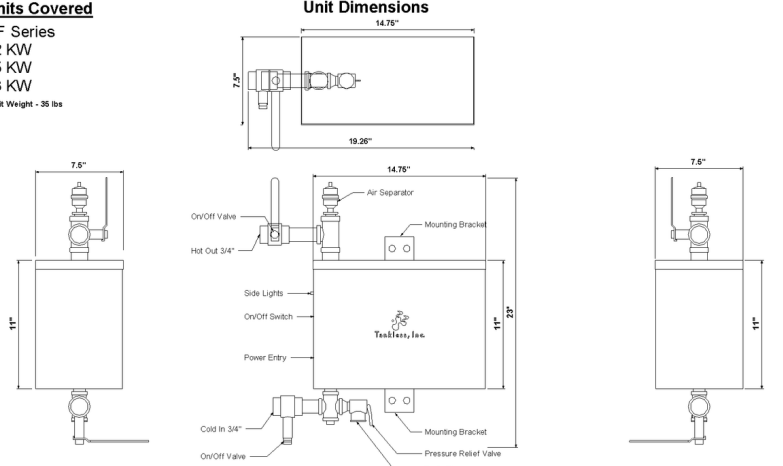


CUT SHEET

Units Covered

CF Series
12 KW
15 KW
18 KW
Unit Weight - 35 lbs

Unit Dimensions



Install Instructions for 3 element CF series heater

- Remove the front and top cover of the heater.
- Mount heater to the wall using the brackets provided or the holes in the back of the box.
- Insert the air separator, "AS" which was also inside the heater box with the owner's manual.
- Connect hot and cold water and the pressure relief valves to the heater.
- The installation should be verified by the state jurisdiction to the code.
- Connect electrical lines and wires and ground to the heater. There is one entry point to the back on the bottom and one on each side. Verify the bracket and wire size on engineering sheet based on size of heater and setup.
- Make certain that the heater has 20 amp service.
- Check the delay switch setting and change if desired. The factory setting is 1 minute. Note the water pressure reading is above 120 the delay timer starts and the heater comes on after the delay interval has elapsed.
- Check the delay interval on the display.
- Repeat center.
- Test on the switch to the heater.
- Hot Water Release for the pressure switch to engage or whatever test you use if you changed the delay timer.

Notes:

- Red Lines represent customer supplied pipe or electrical
- Main Power can come in from the bottom or either side
- 3.26" total minimum area recommended for installation and repairs. The extra space is needed to allow for removal of the elements.

Tankless, Inc.			
CF Series 3 Element Heater			
DATE	REVISED	REVISION	SHEET 1 OF 1
ISSUE	01/30/2016 4:57:00 PM	REVISED	01/30/2016 4:57:00 PM
DESIGNED		REVISION	000

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.