Tankless, Inc.
QUALITY, ENERGY-SAVING, TANKLESS HOT WATER HEATERS

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Intertek

At 491K BTU per hour the CE 144 is suited for large applications. It is really two CE 72 KW units in a NEMA 4 enclosure. This unit will flow 60 gallons per minute. It is our largest electronic unit and is adjustable in one degree increments from one degree over your inbound water temperature up to 185 degrees. Software and mechanical over temperature controls allow usage in temperature critical applications. The limited pressure drop due to large chambers and limited restrictions allows installation as part of a larger system.

MODEL NAME

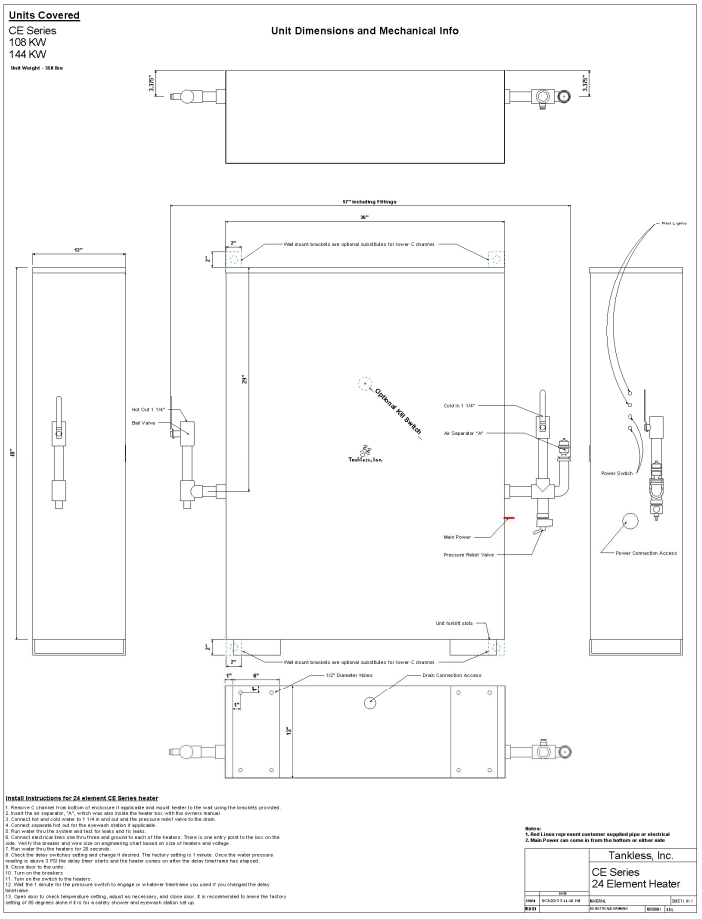
CE 144 KW

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	144
Full load Amp draw at 480	172
Full load Amp draw at 240	344
Full load Amp Draw at 208	400
Y or Delta configuration for 480 volt units	Delta
External Kill Switch Available	Yes
In/out pipe size	1 1/4"
Heat Exchanger material	304 SS
Element sheathing material	840 incoloy
Enclosure size W x H x D	36 x 48 x 12
Area needed to install and repair	60 x 65 x 48
Enclosure size including fittings	57 x 48 x 12
Enclosure rating	Nema 3 with Nema 4 or Nema 4x available
Mounted at customer site via	Floor thru holes in C channel or via brackets
Efficiency	98.90%
Operating pressure range	0-150 PSI
BTU output per hour	491,328
Temperature output maximum	185
Latent heat disposal system available	YES
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
RS 232 interface available	Yes
Individually fused elements	Yes
Minimum flow to engage	2.0
Maximum flow at 60 PSI	62
Shipping weight	350
Shipping box size	skid only
Shipping mode	truck
Warranty	2 years electrical parts 5 years on heat exchanger

Nema 4 enclosure

Nema 3 enclosure

CUT SHEET



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 1" 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.