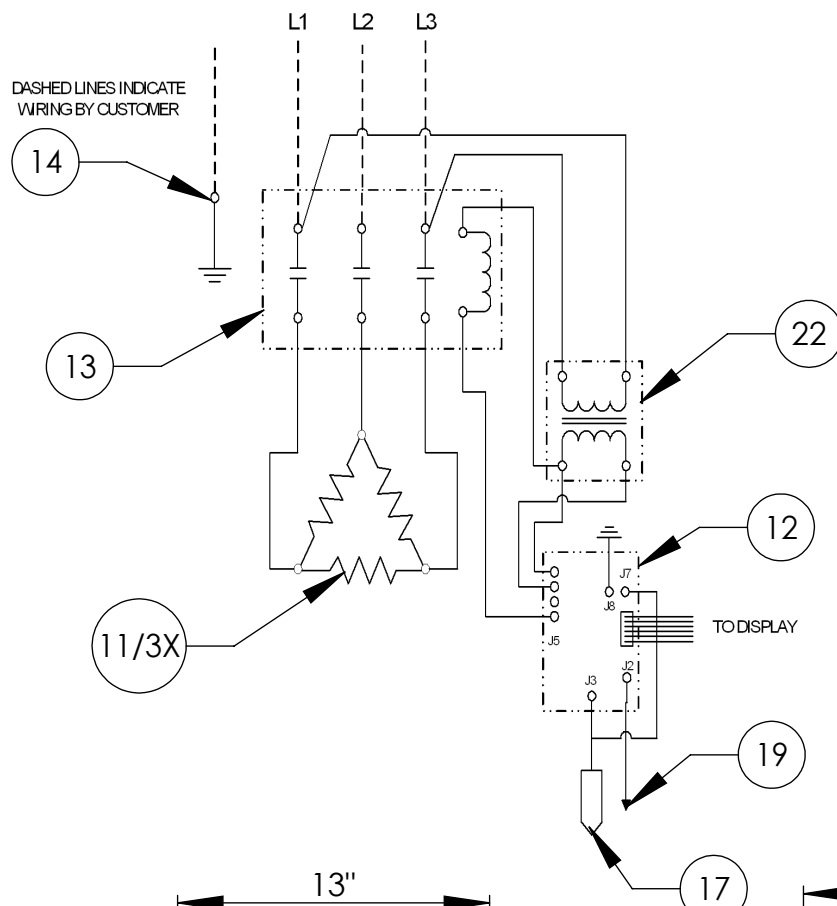
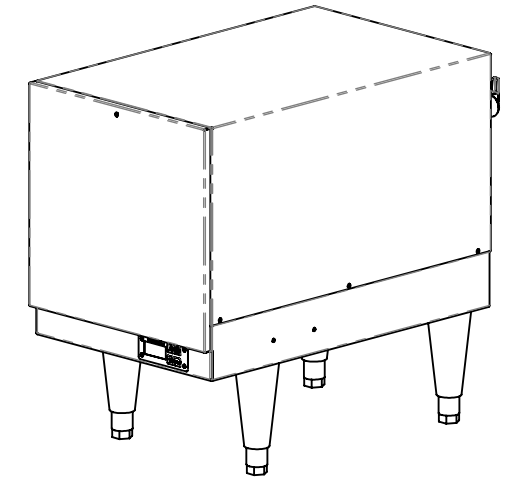
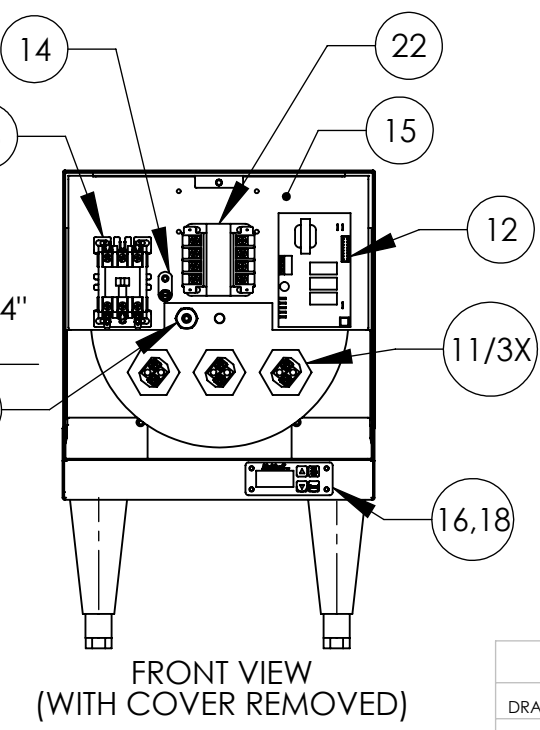
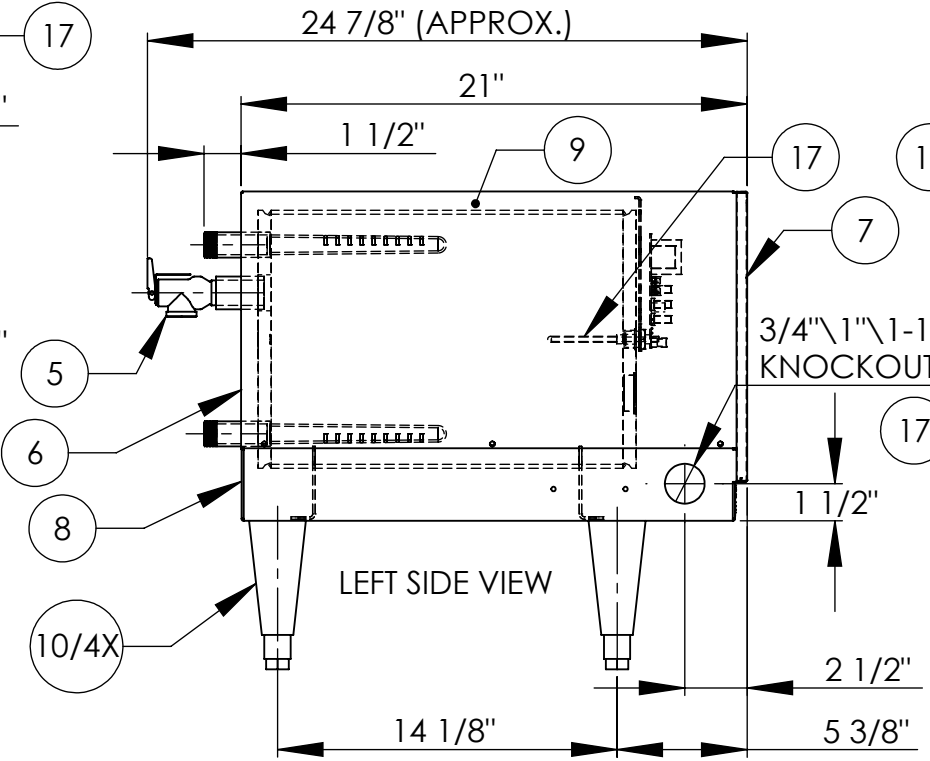
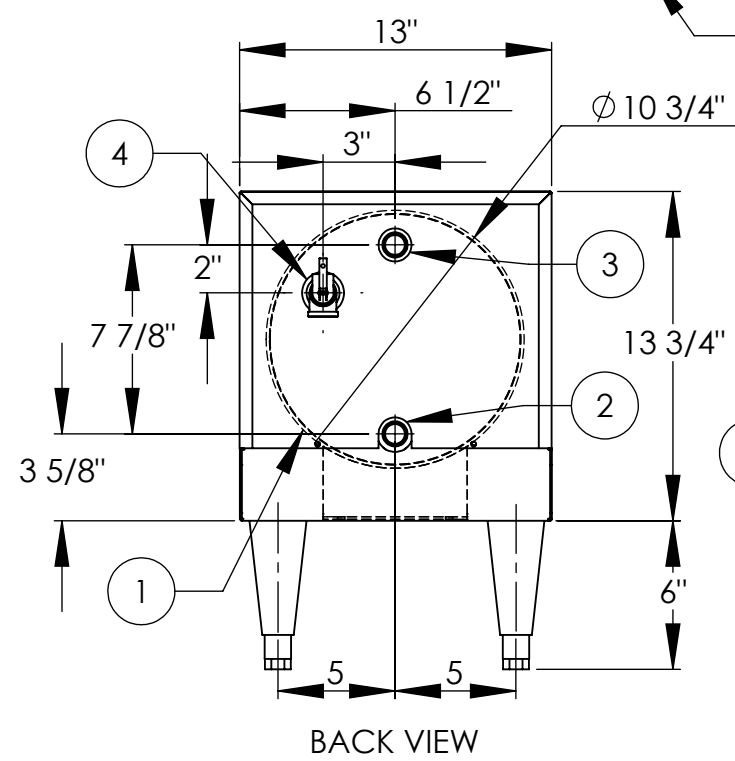
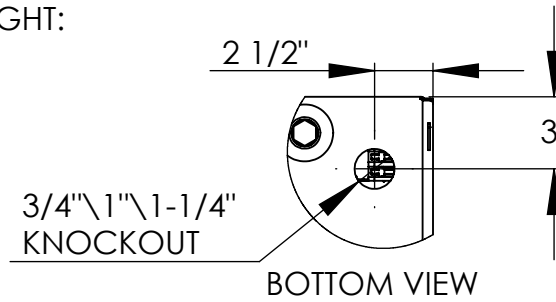


15kW - 480V - 3Ø - 18.0A



- NOTES:
- TANK IS DESIGNED, FABRICATED, AND STAMPED IAW ASME SECTION VIII CODE, LATEST ADDENDA.
  - TANK IS DESIGNED FOR 150PSI AND PRESSURE TESTED AT 225PSI.
  - PROBE ASSEMBLY (Pc. No. 17) PROVIDES TEMPERATURE CONTROL, HI-LIMIT, AND LOW WATER SENSING.
  - UNIT IS UL, CUL, AND UL EPH LISTED.
  - PIECE NOS. 5, 10, 20, AND 21 ARE SHIPPED LOOSE.
  - CONTROL CIRCUIT WIRE TO BE #18 TEFZEL 750 (200°C), POWER CIRCUIT WIRE TO BE #12 TEFZEL 750 (200°C). ELEMENT JUMPER WIRE TO BE #12 TEFZEL 750 (200°C).
  - PHASE TO PHASE RESISTANCE: 30.7 OHMS
  - APPROX. WEIGHT:  
 DRY: 85 LBS.  
 WET: 133 LBS.



ITEM NO.	QTY.	PART NO.	MATERIAL	DESCRIPTION
1	1	J6-3 TANK	304L S/S	TANK ASSEMBLY
2	1	J6 INLET	BRASS	3/4" MNPT INLET
3	1	J6 OUTLET	BRASS	3/4" MNPT OUTLET
4	1		BRASS	3/4" FNPT FOR RELIEF VALVE
5	1	100XL .75 150LB	BRONZE	RELIEF VALVE SET AT 150PSI, 210°F
6	1	J6-3 JACKET	304 S/S	TOP COVER ASSEMBLY
7	1	J6-3 FRONT COVER	304 S/S	FRONT COVER ASSEMBLY
8	1	J6-3 BASE	304 S/S	BASE ASSEMBLY
9	1		FOAM	INSULATION
10	4	61649NOBN5T4	PLASTIC	ADJUSTABLE LEGS
11	3	C1315-28	BRASS PLUG & COPPER SHEATH	HEATING ELEMENT - 1-7/8" HEX 5000W @ 480V
12	1	T1000	VARIOUS	CONTROL MODULE
13	1	C25DNF330B	VARIOUS	MAGNETIC CONTACTOR 40A (RESISTIVE) - 240V
14	1	KA8C	COPPER	GROUND LUG
15	1	J6-3 CONTROL PLATE	GALVANNEAL	ELECTRICAL MOUNTING PANEL
16	1	TD1000	VARIOUS	DIGITAL DISPLAY MODULE
17	1	P65	VARIOUS	PROBE ASSEMBLY
18	1	OVERLAY J MODEL	LEXAN	OVERLAY FOR DISPLAY MODULE
19	1		VARIOUS	LEAK DETECTION SENSOR
20	1	TTD405	VARIOUS	T&P GAUGE 30-240°F/0-200PSI
21	1	N45BU	BRONZE	PRESS. REDUCING VALVE 25-75PSI
22	1	B050-3299-3	VARIOUS	TRANSFORMER 50VA 480-208/240V

ZONE	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				

INSTALLATION REQUIREMENTS	
AMP Draw	18.0
Min. Breaker/Fuse Size	25 AMP
Cu Power Feed Wire	#10 AWG THHN
Min. Power Conduit	1/2"
Wiring Diagram	10 (WT)

- ELECTRICAL NOTES:
- POWER FEED WIRE SIZING IS BASED ON 75°C Cu THHN WIRE WITH FEEDER BRANCH PROTECTION AT 125%.
  - REFERENCE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR COMPLETE INSTALLATION INSTRUCTIONS.

**PROPRIETARY AND CONFIDENTIAL**  
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DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 (UNLESS OTHERWISE SPECIFIED)  
 FRACTIONAL ±1/4  
 ANGULAR: MACH ±1/2° BEND ±1°  
 TWO PLACE DECIMAL ±0.01  
 THREE PLACE DECIMAL ±0.005

DATE	NAME	Stratford, CT 06615 (203) 378-2659 <b>The Electric Heater Company</b>
2/5/03	PRD	
CHECKED	2/5/03	WENIII
ENG APPR.	7/10/03	PRD
MFG APPR.	8/29/03	CHD
Customer:		Description: J MODEL BOOSTER HEATER J615T4 - 6 GALLON 15kW - 480V - 3Ø
SCALE: 1:8	FSCM: 19857	
SIZE <b>B</b>	DWG. NO. J615T4	REV -