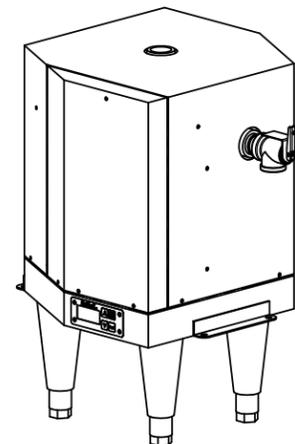
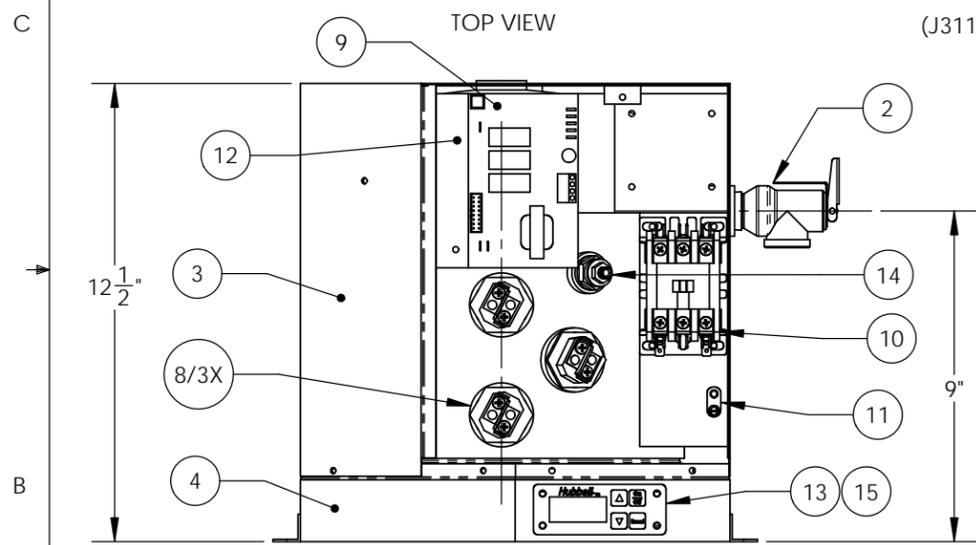
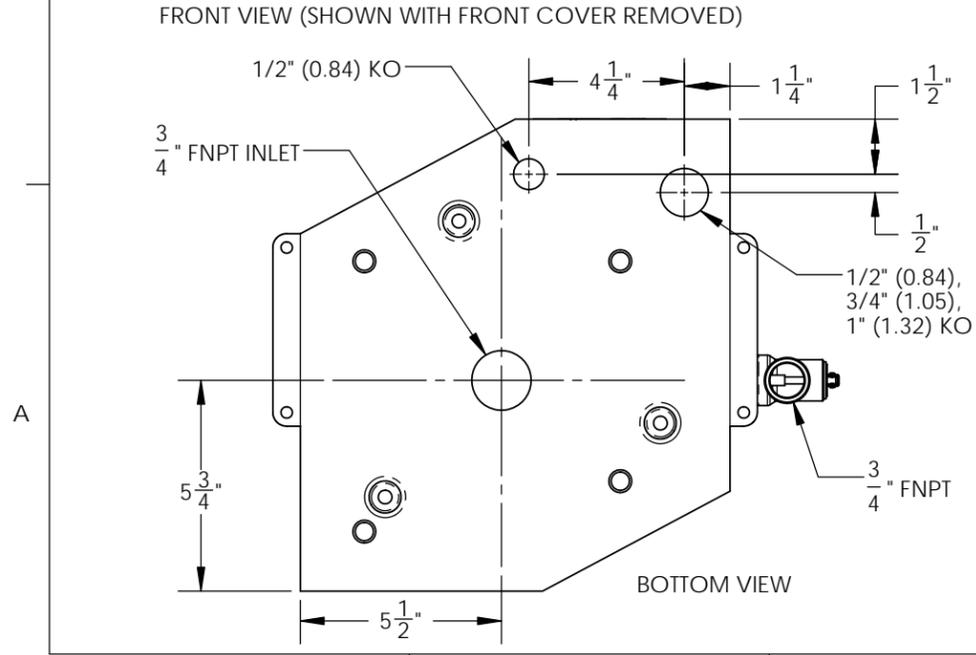


ITEM #	QTY.	PART NO.	MATERIAL	DESCRIPTION
1	1	J3 TANK	304L S/S	ASME TANK ASSEMBLY
2	1	100XL .75 150LB	BRONZE	RELIEF VALVE SET AT 150 PSI, 210°F
3	1	J3 JACKET	304 S/S	TOP COVER ASSEMBLY
4	1	J3 BASE	304 S/S	BASE ASSEMBLY
5	1	J3 FRONT COVER	304 S/S	FRONT COVER ASSEMBLY
6	1		CC FOAM	INSULATION
7	4	61649NOBN5T4	PLASTIC	ADJUSTABLE LEGS (OPTIONAL)
8	3	SEE CHART	COPPER	HEATING ELEMENT, 1" NPS
9	1	T1000	VARIOUS	CONTROL MODULE
10	1	SEE CHART	VARIOUS	MAGNETIC CONTACTOR, 208/240 V COIL
11	1	KA8C	COPPER	GROUND LUG
12	1	J3 CONTROL PLATE	GALVANEEL	ELECTRICAL MOUNTING PLATE
13	1	TD1000	VARIOUS	DIGITAL DISPLAY MODULE
14	1	P65	VARIOUS	PROBE ASSEMBLY
15	1	OVERLAY J MODEL	LEXAN	OVERLAY FOR DISPLAY MODULE
16	1		VARIOUS	LEAK DETECTION SENSOR
17	1	J14389	VARIOUS	TRANSFORMER 277V/208V 40VA (J311.4W ONLY)
18	1	J1 REMOTE ADAPTER	VARIOUS	REMOTE INTERLOCK ADAPTER
46	2	---		TAPPING FOR CUSTOMER CONTROLS, 3/4" FNPT



MODEL	Volts	TOTAL kW	AMP Draw	ELEMENT		CONTACTOR		Internal Power Wire	Cu Power Feed Wire	Min. Breaker/Fuse Size	Min. Power Conduit
				P/N	kW	P/N	RATING				
J32.9A	120	2.9	23.8	C1315-37	1	C25DNF330A	40 A	#12 AWG	#10 AWG	30	1/2"
J35.7A	120	5.7	47.5	C1315-39	1.9	C25DNF350A	65 A	#10 AWG	#6 AWG	60	3/4"
J39.9RS	208	9.9	47.6	C1315-40	3.3	C25DNF350B	65 A	#10 AWG	#6 AWG	60	3/4"
J310.4RS	208	10.4	51.9	C1315-36	3.46	C25DNF350B	65 A	#10 AWG	#6 AWG	35	1/2"
J311.4S	240	11.4	47.5	C1315-37	3.8	C25DNF350B	65 A	#10 AWG	#6 AWG	65	3/4"
J311.4W	277	11.4	41.2	C1315-38	3.8	C25DNF340B	50 A	#10 AWG	#6 AWG	55	3/4"



- 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. 14) PROVIDES TEMPERATURE CONTROL, HI-LIMIT, AND LOW WATER SENSING. UNIT IS UL, CUL, AND UL EPH LISTED.
 - PIECE NOS. 2 & 7 ARE SHIPPED LOOSE.
 - PIECE 18, WHEN CONNECTED TO THE T1000, WILL PREVENT THE UNIT FROM OPERATING WHEN NOT SUPPLIED WITH A 24 VAC SIGNAL. WHEN SUPPLIED WITH A 24 VAC SIGNAL THE UNIT WILL REMOVE THE INTERLOCK AND ALLOW THE UNIT TO OPERATE NORMALLY.
 - CONTROL CIRCUIT WIRE TO BE #18 TEFZEL 750 (200°C), POWER CIRCUIT WIRE TO BE TEFZEL 750 (200°C), SIZED AS INDICATED IN THE CHART.
 - APPROX. WEIGHT: DRY: 36 LBS., WET: 61 LBS
 - **ITEM #9 TO BE T1000-120 FOR ALL 120V UNITS**

ZONE	REV.	DESCRIPTION	DATE	APPROVED
D		ADDED INTERNAL POWER WIRE COLUMN TO MODEL COMPONENT TABLE	6/8/16	
C		UPDATED ELEMENT P/N'S; ADDED CONTROL BOARD NOTE #9	1/31/13	
B		UPDATED ELEMENT, MODEL, CONTACTOR P/N'S	1/15/10	
A		UPDATED ELEMENT P/N'S; ADDED TRANS. P/N	7/30/09	

DATE	NAME	 The Electric Heater Company Stratford, CT 06615 (203) 378-2659	
DRAWN	10/9/07		PRD
CHECKED	10/9/07		BB
ENG APPR.	10/9/07		PRD
MFG APPR.	10/9/07	WEN III	Description:
MODEL J3 1-PHASE			
SCALE: 1:5	FSCM: 19857	SHEET 1 OF 1	

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DIMENSIONS ARE IN INCHES
 TOLERANCES:
 (UNLESS OTHERWISE SPECIFIED)
 FRACTIONAL ±¼
 ANGULAR: MACH ±½° BEND ±1°
 TWO PLACE DECIMAL ±0.01
 THREE PLACE DECIMAL ±0.005