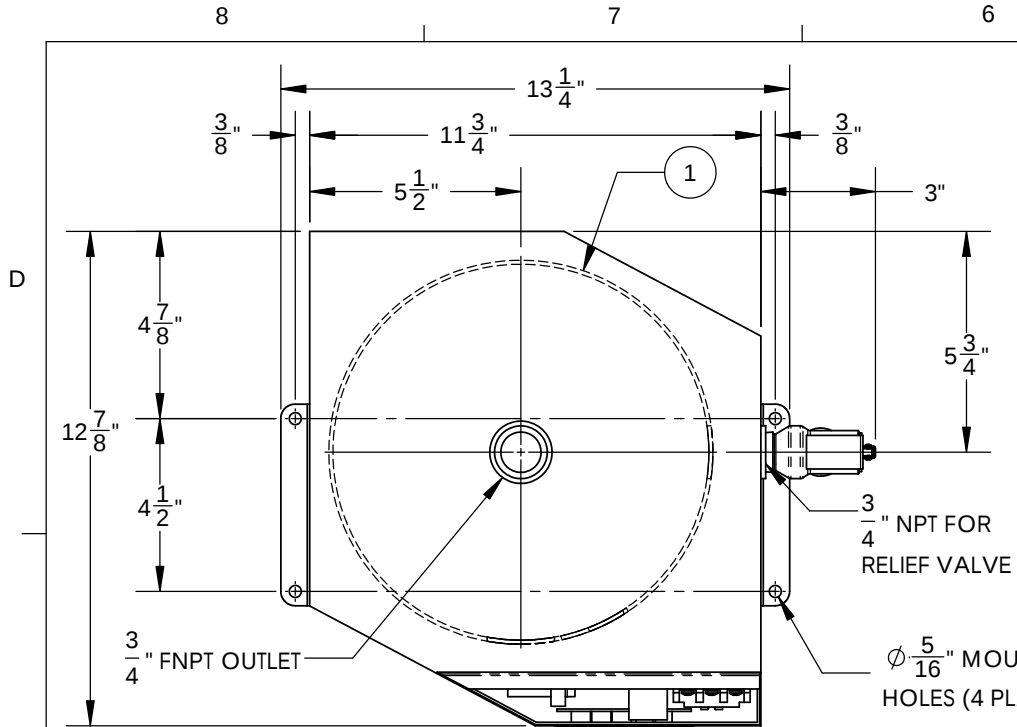
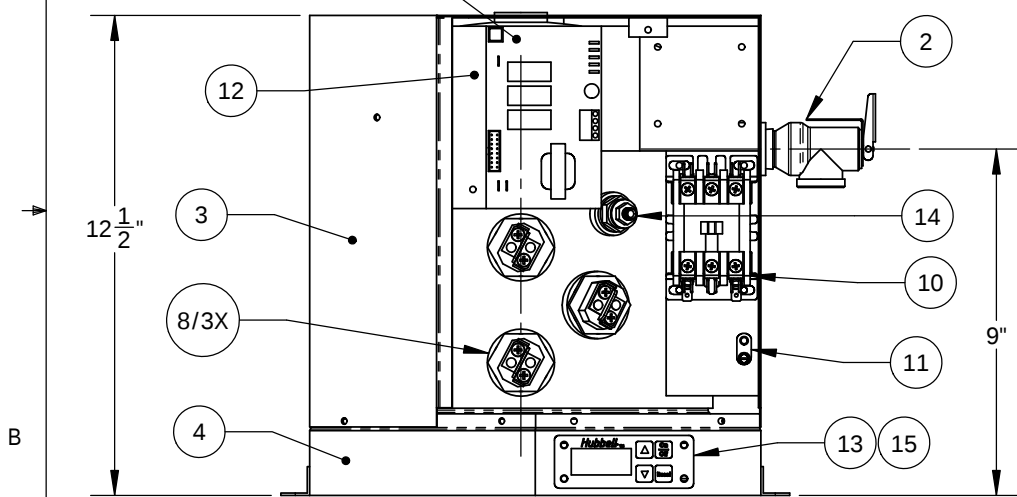
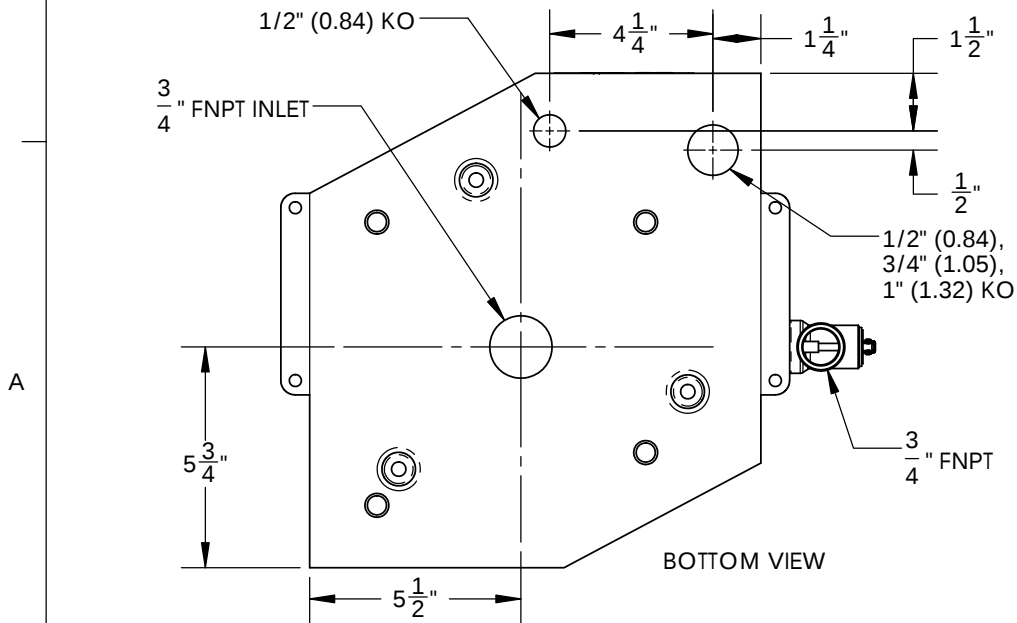




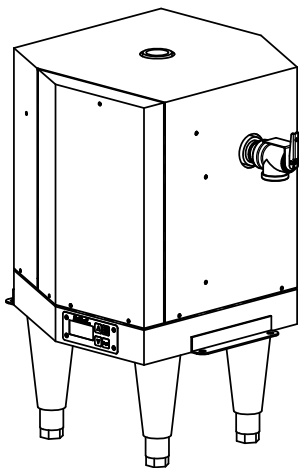
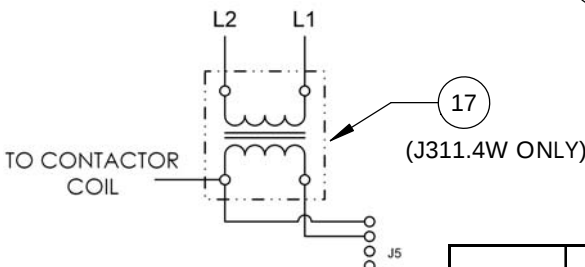
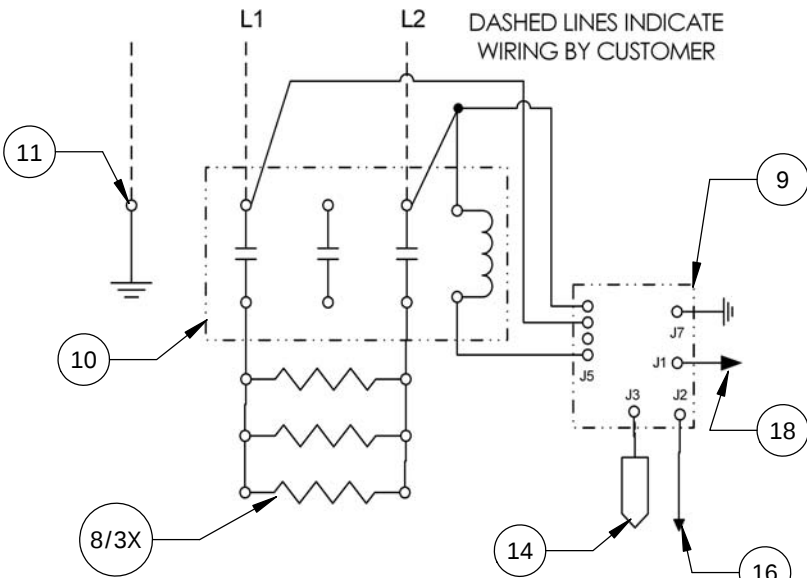
TOP VIEW (J311.4W ONLY)



FRONT VIEW (SHOWN WITH FRONT COVER REMOVED)



BOTTOM VIEW



ISOMETRIC VIEW (SHOWN WITH OPTIONAL 6" ADJUSTABLE LEGS)

NOTES:

1. TANK IS DESIGNED, FABRICATED, AND STAMPED IAW ASME SECTION VIII CODE, LATEST ADDENDA.
2. TANK IS DESIGNED FOR 150PSI AND PRESSURE TESTED AT 225PSI.
3. PROBE ASSEMBLY (Pc. No. 14) PROVIDES TEMPERATURE CONTROL, HI-LIMIT, AND LOW WATER SENSING. UNIT IS UL, CUL, AND UL EPH LISTED.
4. PIECE NOS. 2 & 7 ARE SHIPPED LOOSE.
5. 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.
6. 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.
7. APPROX. WEIGHT: DRY: 36 LBS., WET: 61 LBS
8. **ITEM #9 TO BE T1000-120 FOR ALL 120V UNITS**
- 9.

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"

	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	
ZONE	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				

	DATE	NAME	Hubbell ™ Stratford, CT 06615 (203) 378-2659	
DRAWN	10/9/07	PRD		
CHECKED	10/9/07	BB	The Electric Heater Company	
ENG APPR.	10/9/07	PRD		
MFG APPR.	10/9/07	WEN III	Customer:	
			Description:	
			MODEL J3 1-PHASE	
SIZE		DWG. NO.		REV
B		J3-1P		D
SCALE: 1:5		FSCM: 19857		SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
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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