

D	ITEM NO.	QTY.	PART NO. / DWG. NO.	MATERIAL	DESCRIPTION
	1	1	D-1111	STAINLESS STEEL	BACK CASING ASSEMBLY
	2	1	D-1110	STAINLESS STEEL	FRONT COVER
	3	1	JTK6-FM	COPPER / BRASS	HEATER TUBE ASSEMBLY
	4				
	5	6	N1375-8000	INCOLOY / BRASS	HEATING ELEMENT, 8000/6000W @ 240/208V
	6	1	D-1114	ALUMINUM	TOP HEATER TUBE SUPPORT
	7	6	L93	VARIOUS	HI-LIMIT SWITCH, AUTO RESET (SET TO 200°F)
	8	1	TK FLOW BR	BRASS	FLOW METER, 0.2-8 GPM
	9				
	10	1	TK2250	VARIOUS	ELECTRONIC TEMPERATURE CONTROLLER
	11	1	TKD2000	VARIOUS	LED DISPLAY
	12	6	TG40E60	VARIOUS	TRIAC
	13	2	USP9509	VARIOUS	THERMISTOR
C	14	AS REQ'D		COPPER	WIRE: POWER: #10 AWG, CONTROL: #18 AWG, THHN (90°C)
	15	1	KA-4C	COPPER	GROUND LUG
	16	1		POLYURETHANE	THERMISTOR INSULATION
	17	2	67572	VARIOUS	POWER DISTRIBUTION BLOCK
	18				
	19				
	20	3	PLUGBR 1/8	BRASS	DRAIN PLUG, 1/8" NPT
	21	5		RUBBER	INLET / OUTLET / DRAIN CASING GASKETS
	22	1	TANKLESS OVERLAY	LEXAN	DISPLAY OVERLAY
	23	1	COUPBELL 1/2" TO 3/4"	BRASS	INLET BELL COUPLING, 1/2" x 3/4"
-	24	1	DIELECTRIC UNION	VARIOUS	DIELECTRIC UNION, 3/4" FNPT x 3/4" CTS
	25			 OT A IN II FOO OTEF!	
	26	1		STAINLESS STEEL	INLET SCREEN (NOT SHOWN)
	27				
	28				
	29	1		VARIOUS	LEAK DETECTION WIRE
	30	AS REQ'D		RUBBER	GASKET MATERIAL (NOT SHOWN)
	31	1	NIPPBR 3/4 X 1.5	BRASS	NIPPLE 3/4" x 1 1/2" LONG
В	32	1	LGR-3	VARIOUS	CONTROL CIRCUIT FUSE, 3A
	33	1	LHR000	VARIOUS	FUSE HOLDER
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INSTALL	MOITA	NOTES:

TANKLESS WATER HEATERS ARE CONSIDERED A NON-CONTINUOUS LOAD.

IF MULTIPLE FEED INSTALLATION IS USED. IT IS ACCEPTABLE TO INSTALL UP TO TWO CONDUCTORS IN ONE LINE SIDE PORT. ADDITIONALLY, WHEN A POWER DISTRIBUTION BLOCK IS SUPPLIED, ADDITIONAL CONDUCTORS MAY BE INSTALLED IN AN OPEN LOAD SIDE PORT OF THE POWER DISTRIBUTION BLOCK.

3. WIRING SIZING LISTED IS FOR 75°C THHN. 60°C OR 90°C WIRE MAY BE USED. REFER TO

BREAKER SIZE(MIN) 200 A DATE APPROVED ZONE REV. DESCRIPTION FEED WIRE SIZE(MIN) 3/0 AWG REVISIONS NEC TABLE 310.16 FOR SIZING. CONDUIT SIZE(MIN) 1 1/2" CONDUCTORS SHOULD BE SIZED TO MAINTAIN A VOLTAGE DROP OF LESS THAN 3% DATE NAME (203) 378-2659 UNDER LOAD. WIRING DIAGRAM PRD 6 11/17/10 DRAWN THESE MODELS INDICATED REQUIRE THAT A SUPPLEMENTARY PROTECTION ASSEMBLY The Electric Heater Company SW CHECKED 11/22/10 BE INSTALLED (SUPPLIED BY HUBBELL). IF SUPLLEMENTAL PROTECTION IS SUPPLIED BY Customer: PRD ENG APPR. 11/22/10 OTHERS, WHERE MULTIPLE FEEDER CONNECTIONS ARE USED, PHASES MUST BE FROM 11/22/10 WEN III MFG APPR. Description: THE SAME SOURCE. TANKLESS ELECTRIC BOOSTER HEATER, 36 kW @ 208 V, 1Ph PROPRIETARY AND CONFIDENTIAL DIMENSIONS ARE IN INCHES THE INFORMATION CONTAINED IN THIS SIZE DWG. NO. TOLERANCES: (UNLESS OTHERWISE SPECIFIED) DRAWING IS THE SOLE PROPERTY OF THE ELECTRIC HEATER COMPANY. ANY FRACTIONAL ±1/4 JTX036-6RS REPRODUCTION IN PART OR AS A WHOLE ANGULAR: MACH ±½° BEND ±1° WITHOUT THE WRITTEN PERMISSION OF THE ELECTRIC HEATER COMPANY IS TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005 SCALE: 1:1 | FSCM: 19857 SHEET 2 OF 2

VOLTS

POWER

AMP

INSTALLATION PARAMETERS

208 V

36 kW

173.1 A

3

GENERAL NOTES:

HEATING CHAMBER IS RATED FOR 150 PSI

JTX FLOW RATE: 0.2 GPM MIN., 8 GPM MAX.

UNIT IS UL, CUL, AND UL ÉPH LISTED.

UNIT IS DESIGNED FOR 50/60 Hz.

APPROXIMATE WEIGHT IS 18 POUNDS. HEATERS ARE FULLY MODULATING

WATER PRESSURE (MAX.)

FROM 0 TO 100%.

REV