



Lochinvar®

LIGHT DUTY COMMERCIAL ELECTRIC WATER HEATER

Submittal Sheet

CLD-Sub-05

LIGHT DUTY COMMERCIAL ELECTRIC WATER HEATERS

Job Name: _____

Location: _____

Engineer: _____

Agent/Wholesaler: _____

Contractor: _____

Model No. _____ Gal. Cap. _____

Voltage/Phase _____ kW _____

Recovery Rate in GPH _____ @ _____ °F Rise

Equipment Tag(s): _____

NOTES:

Standard Features

- Meets ASHRAE Energy Efficiency Standards.
- 300 psi Test Pressure, 150 psi Working Pressure.
- Glass-Lined Steel Tank
- Non-CFC Foam Insulation
- Adjustable Thermostats
- Automatic Overheat Protection
- Tank Saver Anode
- Temperature and Pressure Relief Valve
- 3 Year Limited Tank Warranty, 1 Year Limited Parts Warranty (See warranty for details)

Dimensions

Model No.	Gal. Cap.	A	B	C	D	Ship Wgt.
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Point-of-Use Models

EJW006FS	6	15-1/2"	14-1/4"	11"	-	35
EJW010FS	10	18-1/4"	18"	12-1/2"	-	54
EJW015FS	15	26"	18"	20-1/2"	-	58
EJW020FS	20	22-1/4"	21-3/4"	15-1/2"	-	73

Short Models

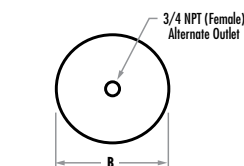
ESX030KD	30	31"	21-3/4"	24-1/4"	8"	109
ESX040KD	40	32-1/4"	24"	25-1/2"	8"	138
ESX050KD	50	32-1/4"	26-1/2"	25-1/4"	8"	184

Tall Models

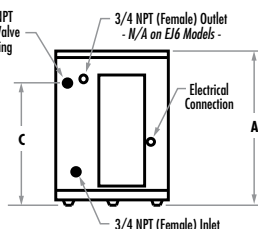
ETX030KD	30	34-1/2"	20-1/2"	-	8"	105
ETX040KD	40	45-1/4"	20-1/2"	-	8"	122
ETX050KD	50	55"	20-1/2"	-	8"	140
ETX065KD	66	60-3/4"	21-3/4"	-	8"	166
ETX080KD	80	59-1/2"	24"	-	8"	200
ETX120KD	119	62-1/2"	29-1/2"	-	8"	337

"S" indicates single element, "D" indicates dual elements

Point-of-Use Models



TOP VIEW - P.O.U. 6/10/15/20



FRONT VIEW - EJ 6/10/15/20

NOTES:

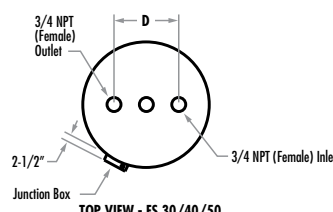
Point of Use models are non-simultaneous circuit only.

P.O.U. models available in single phase only.

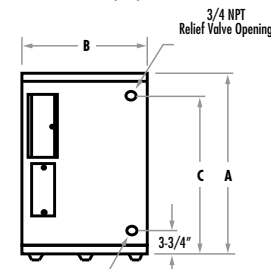
6 gallon P.O.U. not available above 2500 Watts or in 480 V.

Short & Tall models are factory wired for three phase service and are field converted to single phase.

Short Models

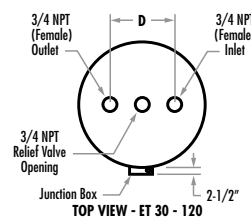


TOP VIEW - ES 30/40/50

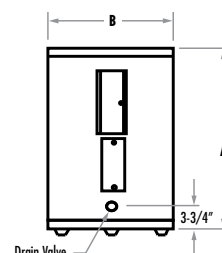


FRONT VIEW - ES 30/40/50

Tall Models



TOP VIEW - ET 30 - 120



FRONT VIEW - ET 30 - 120

LIGHT DUTY COMMERCIAL MODELS - SPECIFICATIONS & OPTIONS



For Ease in Ordering by Model Number

E	T	X	050	K	D
MODEL	TALL	VOLTAGE	TANK CAPACITY	WATTAGE	ELEMENT QUANTITY

ETX050KD is:

- Commercial Electric Model
- Tall Style
- 480 Volts
- 50 gallon tank capacity
- 4500 watt element (ea.)
- Two elements (Dual - upper & lower)

VOLTAGE SCHEDULE (EJ Models)

C	120V	1 PH
J	208V	1 PH
A	240V	1 PH
W	277V	1 PH
V	480V	1 PH

(ES & ET Models)

T	208V	1 or 3 PH
P	240V	1 or 3 PH
W	277V	1 PH
X	480V	1 or 3 PH

WATTAGE LIMITS w/Simultaneous Operation

208V - 10,000W (5,000W/5,000W)
240V - 11,000W (5,500W/5,500W)
277V - 12,000W (6,000W/6,000W)
480V - 12,000W (6,000W/6,000W)

Wattage	ELEMENT AVAILABILITY SCHEDULE					RECOVERY RATE (GPH @ °F)			
	120V	208V	240V	277V	480V	40°F	70°F	100°F	130°F
C-1500	Yes	Yes	Yes	Yes	N/A	16	9	6	5
D-1650	N/A	N/A	N/A	N/A	N/A	17	10	7	5
E-2000	Yes	Yes	Yes	Yes	N/A	21	12	8	6
F-2500	Yes	Yes	Yes	Yes	Yes	26	15	10	8
G-3000	Yes	Yes	Yes	Yes	Yes	31	18	12	10
H-3500	N/A	Yes	Yes	N/A	N/A	36	21	14	11
J-4000	N/A	Yes	Yes	Yes	Yes	41	24	17	13
K-4500	N/A	Yes	Yes	Yes	Yes	47	27	19	14
M-5000	N/A	Yes*	Yes*	N/A	Yes*	52	30	21	16
N-5500	N/A	N/A	Yes*	N/A	N/A	57	32	23	17
P-6000	N/A	Yes	Yes	Yes	Yes	62	35	25	19

Notes: Max Wattage for EJ-006 is 3000W * Indicates Not Available for EJ-010 and EJ-015

FULL LOAD CURRENT IN AMPERES

Input Wattage	Single Phase					Three Phase		
	120V	208V	240V	277V	480V	208V	240V	480V
1500	12.5	7.2	6.3	5.4	N/A	4.2	3.6	N/A
2000	16.7	9.6	8.3	7.2	N/A	5.6	4.8	N/A
2500	20.8	12.0	10.4	9.0	5.2	6.9	6.0	3.0
3000	25.0	14.4	12.5	10.8	6.3	8.3	7.2	3.6
3500	N/A	16.8	14.6	N/A	N/A	9.7	8.4	N/A
4000	N/A	19.2	16.7	14.4	8.3	11.1	9.6	4.8
4500	N/A	21.6	18.8	16.2	9.4	12.5	10.8	5.4
5000	N/A	24.0	20.8	N/A	10.4	13.9	12.0	6.0
5500	N/A	N/A	22.9	N/A	N/A	N/A	13.2	N/A
6000	N/A	28.8	25.0	21.7	12.6	16.7	14.4	7.2

Double the amps when wired for simultaneous operation.

See Wattage Limit chart for maximum simultaneous wiring.



Lochinvar, LLC
300 Maddox Simpson Parkway
Lebanon, Tennessee 37090
P: 615.889.8900 / F: 615.547.1000
f t i n Lochinvar.com



LOW LEAD CONTENT