



Lochinvar®

LIGHT DUTY COMMERCIAL ELECTRIC WATER HEATER

Submittal Sheet

CLD-Sub-10

LIGHT DUTY COMMERCIAL ELECTRIC WATER HEATERS

Job Name: _____ Model No. _____ Gal. Cap. _____
Location: _____ Voltage/Phase _____ kW _____
Engineer: _____ Recovery Rate in GPH _____ @ _____ °F Rise
Agent/Wholesaler: _____ Equipment Tag(s): _____
Contractor: _____

NOTES:

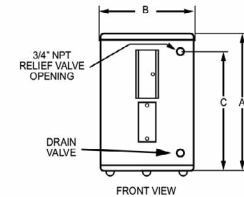
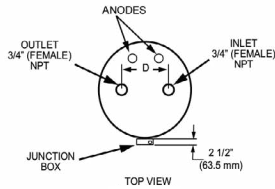
Standard Features

- 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*)

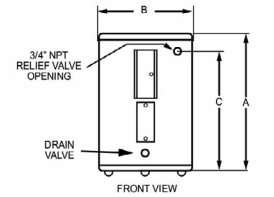
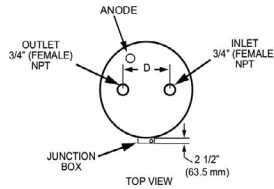


LIGHT DUTY COMMERCIAL MODELS - SPECIFICATIONS & OPTIONS

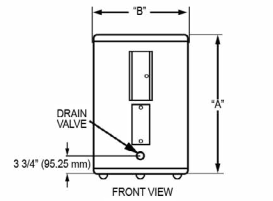
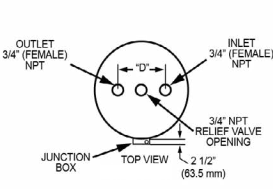
LDS-30 XK - LDS-50 XK



LDT-30 XK - LDT-50 XK



LDT-65 XR - LDT-120 XK

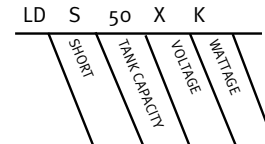


LDS & LDT Models		
T	208V	1 or 3 PH
P	240V	1 or 3 PH
W	277V	1 PH
X	480V	3 PH

Wattage Limits w/ Simultaneous Operation	
208V - 10,000W (5,000W/5,000W)	
240V - 10,000W (5,000W/5,000W)	
277V - 12,200W (6,100W/6,100W)	
480V - 12,200W (6,100W/6,100W)	

Wattage Limits applicable to 30, 40 & 50 gal Short and 30, 40 & 50 gal Tall.

For Ease in Ordering by Model Number



This is a Short Commercial Electric 480 volt model with a tank capacity of 50 gallons. The upper and lower elements are 4500 watts.

Dimensions

Model Number	Nominal Cap.	Rated Cap.	UEF	A	B	C	D	Ship Wt.
Short Models / Dual Elements, 1500 Watt to 6100 Watt Elements, Non-Simultaneous								
LDS-30 XK	36	33	0.92	32"	24"	24"	8"	118
LDS-40 XK**	38	35	0.92	32"	23"	24"	8"	118
LDS-50 XK	51	48	0.92	36"	26-1/2"	25"	8"	172
Tall Models / Dual Elements, 1500 Watt Elements, Non-Simultaneous								
LDT-30 XK	40	37	0.92	49-3/4"	20-1/2"	40-3/4"	8"	109
LDT-40 XK	50	46	0.92	59"	20-1/2"	51-1/4"	8"	125
LDT-50 XK	55	55	0.92	56-1/2"	24"	48-1/2"	8"	145
Tall Models / Dual Elements, 6100 Watt Elements Only, Simultaneous								
LDT-65 XR	66	60	N/A	60-3/4"	21-3/4"	-	8"	176
LDT-80 XR	80	76	N/A	59-3/8"	24"	-	8"	211
LDT-120 XR	120	108	N/A	62-7/16"	29-3/8"	-	8"	326

Notes: ** Blanket Model

All 66, 80 & 119 models will be manufactured with two 6.1 kW elements, wired simultaneous for 12.2 kW. Water connections 3/4" NPT on all models. Short and Tall models are factory wired for three phase service and are field converted to single phase.

Models		T - 208V/ 1 or 3PH	P - 240V/ 1 or 3PH	W - 277V/ 1PH	X - 480V/ 3PH
LDS-30	Min Wattage	4500	4500	4500	4500
	Max Wattage	6000*	6000*	6000	6000
LDS-40	Min Wattage	4500	4500	4500	4500
	Max Wattage	6000*	6000*	6000	6000
LDS-50	Min Wattage	4000	4000	4000	4000
	Max Wattage	6000*	6000*	6000	6000
LDT-30	Min Wattage	4500	4500	4500	4500
	Max Wattage	6000*	6000*	6000	6000
LDT-40	Min Wattage	3000	3000	3000	3000
	Max Wattage	6000*	6000*	6000	6000
LDT-50	Min Wattage	2500	2500	2500	2500
	Max Wattage	6000*	6000*	6000	6000
LDT-65	Single Wattage/ to LDT-120 Simultaneous	N/A	6100	6100	6100

See "Element Availability Schedule" for letter codes and available voltage/wattage combinations.

* Simultaneous operation is not available for 6000 watt models.

Element Availability Schedule

Wattage	120V**	208V**	240V	277V	480V
Non-Simultaneous					
F-2500	Yes	Yes	Yes	Yes	Yes
G-3000	Yes	Yes	Yes	Yes	Yes
H-3500	N/A	Yes	Yes	N/A	N/A
J-4000	N/A	Yes	Yes	Yes	Yes
K-4500	N/A	Yes	Yes	Yes	Yes
M-5000	N/A	Yes	Yes	Yes	Yes
N-5500	N/A	Yes*	Yes*	N/A	N/A
P-6000	N/A	Yes*	Yes*	Yes	Yes
Simultaneous					
R-6100	N/A	N/A	Yes	Yes	Yes

* Simultaneous operation is not available for 5500 & 6000 watt models.

Notes: Max Wattage for EJ-006 is 3000W

* Indicates Not Available for EJ-010 and EJ-015

**LDT-65, 80 & 120 not available in 120 & 208V



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