



## Residential Electric Water Heaters

### Tall and Short Models

Lochinvar's residential electric water heaters are available in tall models from 30 to 120 gallons and short models from 30 to 50 gallons. Various combinations of elements, wiring and voltages can be furnished to meet most applications. Every unit features a sophisticated design for high efficiency, low standby loss, high first hour delivery and money saving performance. All water heaters are triple tested during fabrication to ensure the highest standards of quality and performance for a long service life.

### Standard Features

- **Non-CFC Foam Insulation** - Superior material formulation provides uniform tank coverage with a thick blanket of insulating foam. This non-CFC polyurethane closed cell foam minimizes standby losses and maximizes heat retention.
- **Immersion Type Heating Elements** - copper sheath design for longer life in hard, aggressive water.
- **Screw-In Element Mounting** - for easy replacement and service.
- **Adjustable Thermostat** - This accurate control provides an easy way to reset water temperature for best economy. An automatic over-heat safety device is standard.
- **Glass-lined Steel Tank** - The durable glass lining is fused to the tank at 1600°F to assure lasting protection against rust and corrosion while providing clean, clear hot water. 300 psi test pressure provides 150 psi working pressure.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** - The heat trap protects from heat loss through the water piping.
- **Temperature & Pressure Relief Valve** - Factory installed.
- **Brass Drain Valve**
- **6-Year Limited Tank & Parts Warranty\*** - See warranty for details.
- **10-Year Extended Warranty Available** - Residential applications only

\* 1-year limited tank & parts warranty when installed in a commercial application.



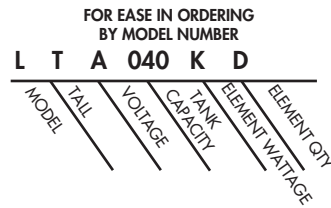
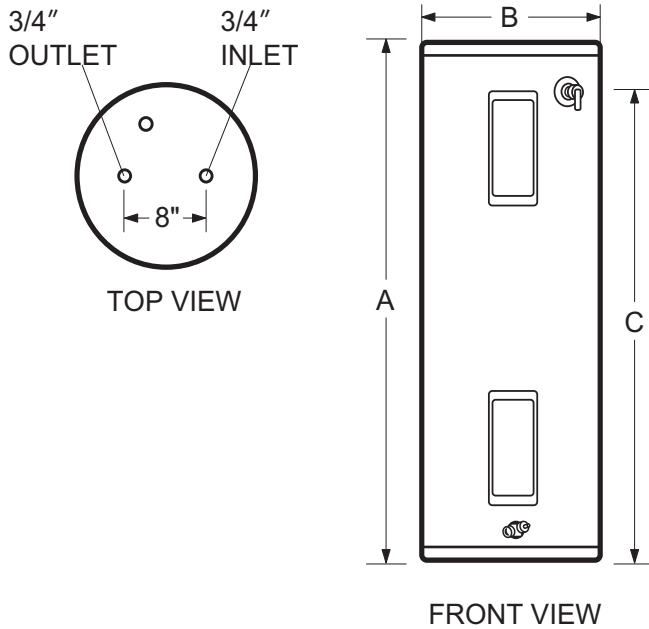
### Optional Features

- **Voltages Available**—120, 208, 240 volts.  
(Wired for single phase only)

*For 277, 380, 415 & 480 volts, and all 3 phase see Light Duty Commercial Water Heaters*

**All models meet or exceed the NAECA and ASHRAE Energy Efficiency Standards**

# Dimensions and Specifications



This heater has a 6 year warranty. It is a tall model, has a 40 gallon capacity with a 240 volt 4500 watt upper element and 4500 watt lower element.

Model Number	Gal. Cap.	Input Watts	1st Hour Rating	Energy Factor	A	B	C	Shipping Weight
<b>Short Models</b>								
LSA030KD	30	4500	41	.93	30"	22"	22-1/2"	91
LSA040KD	40	4500	38	.92	31-1/4"	23"	24-3/4"	113
LSA050KD	50	4500	55	.91	34"	26-1/2"	25"	164
<b>Medium Models</b>								
LMA030KD	30	4500	43	.93	36-1/2"	20-1/2"	28"	90
LMA040KD	40	4500	52	.92	44"	20-1/2"	37-3/4"	103
LMA050KD	50	4500	60	.90	48"	21-1/2"	40-1/2"	121
<b>Tall Models</b>								
LTA030KD	30	4500	43	.93	46-1/2"	18"	39-1/2"	90
LTA040KD	40	4500	52	.92	59-1/2"	18"	53-1/2"	106
LTA052KD	50	4500	60	.91	54"	20"	47-1/2"	116
LTA066KD	66	4500	72	.88	60-1/4"	20-1/2"	53"	178
LTA082KD	80	4500	81	.86	60-1/2"	22-1/2"	52"	208
LTA120KD	119	4500	112	.81	64-1/4"	28"	54-1/4"	336
<b>High Efficiency Models</b>								
LMA050KDEF	50	4500	62	.93	49"	23"	40-1/2"	155
LTA040KDEF	40	4500	54	.93	60"	19"	53-1/2"	120
LTA052KDEF	50	4500	60	.93	56-1/2"	21-1/2"	47-1/2"	135
LTA066KDEF	66	4500	76	.92	61"	23"	53"	180
LTA082KDEF	80	4500	87	.93	61-1/2"	25"	52"	210

Notes: Standard Voltage and Wattage: 240v – 4500w.

Element Wattage	ELEMENT AVAILABILITY SCHEDULE		
	C - 120V	J - 208V	A - 240V
C - 1500	N/A	Yes	Yes
D - 1650	Yes	N/A	N/A
E - 2000	Yes	Yes	Yes
F - 2500	Yes	Yes	Yes
G - 3000	Yes	Yes	Yes
H - 3500	N/A	Yes	Yes
J - 4000	N/A	Yes	Yes
K - 4500	N/A	Yes	Yes
P - 6000	N/A	Yes	Yes

Recovery Rate (GPH @ °F)	RECOVERY RATE (GPH @ °F)		
	40°F	70°F	100°F
C - 1500	16	9	6
D - 1650	17	10	7
E - 2000	21	12	8
F - 2500	26	15	10
G - 3000	31	18	12
H - 3500	36	21	14
J - 4000	41	24	17
K - 4500	47	27	19
P - 6000	62	35	25

VOLTAGE SCHEDULE	
C – 120V	1ø
J – 208V	1ø
A – 240V	1ø

**Certified for Potable Water and Space Heating Applications**  
This water heater is suitable for water heating and space heating. Toxic chemicals, such as those used for boiler water treatment shall NEVER be introduced into this system. This water heater may NEVER be connected to any existing heating system or components previously used with non-potable water heating appliances.



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