



Energy Saver Residential Electric Water Heaters

Energy Saver Electric Models

Lochinvar's Energy Saver residential electric models are available in 30, 40, 50 and 55 gallon capacities in short, medium and tall configurations.

Standard Features

- **Code Compliance** - The Energy Saver residential electric water heater meets the National Appliance Energy Conservation Act (NAECA) Energy Factor requirements effective April 16, 2015. Meets the thermal efficiency and standby loss requirements of ASHRAE/IES 90.1. Meets UBC, CEC and HUD national codes.
- **Approved for Manufactured Home** - The Energy Saver electric models meet HUD requirements for manufactured home installations.
- **Adjustable Electric Thermostat Control** - This accurate control provides an easy way to adjust water temperature for best economy and optimum comfort. An automatic overheat safety control is standard.
- **Immersion Heating Elements** - Zinc-coated, copper sheath design for longer life in hard, aggressive water. The elements screw in for easy service and replacement.
- **Glass-Lined Steel Tank** - The durable glass lining is fused to the steel tank at 1600°F to assure lasting protection against rust and corrosion while providing clear, clean hot water. 300 PSI test pressure; 150 PSI working pressure.
- **Non-CFC Foam Insulation** - A uniform coverage of thick closed-cell foam insulation minimizes standby heat loss, maximizes heat retention and delivers a high Energy Factor.
- **Tank Saver Anode** - A large diameter, high capacity anode inhibits corrosion of the tank interior for long, trouble-free service.
- **Heat Trap** - Heat traps are built into the inlet and outlet connections to eliminate heat migration and heat loss in the water piping.
- **Temperature & Pressure Relief Valve** - Factory installed for optimum safety.
- **Brass Drain Valve** - An enhanced ball valve design for effective drainage and positive shut-off.
- **6-Year Limited Tank & Parts Warranty*** - See warranty sheet for details.
- **10-Year Extended Warranty Available** - Available for residential applications only.

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



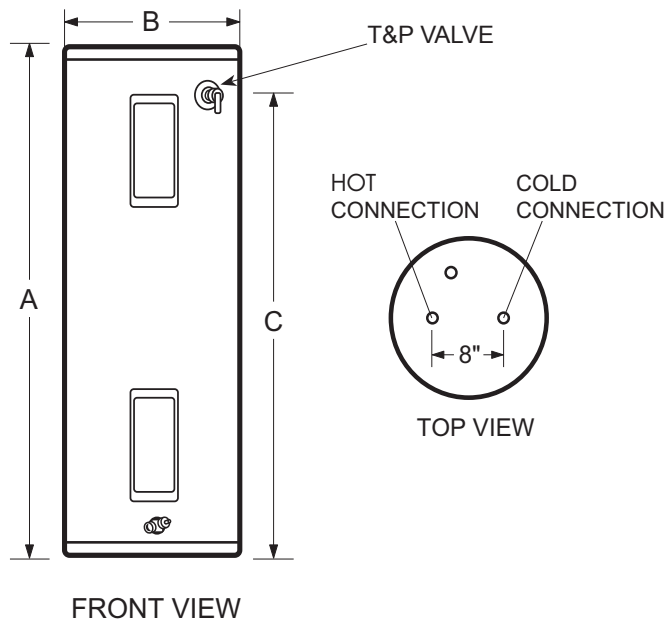
Optional Features

- **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



ELEMENT AVAILABILITY SCHEDULE			
Wattage	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
M-5000	N/A	Yes	Yes
N-5500	N/A	Yes	Yes
P-6000	N/A	N/A	Yes

RECOVERY RATE (GPH @ °F)		
40°F	70°F	100°F
16	9	6
17	10	7
21	12	8
26	15	10
31	18	12
36	21	14
41	24	17
47	27	19
52	30	21
57	32	23
62	35	25

VOLTAGE SCHEDULE

C - 120V	1ø
J - 208V	1ø
A - 240V	1ø

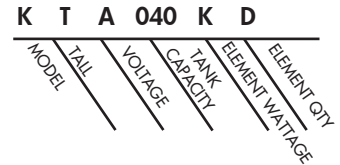
Model Number	Gal. Cap.	Standard Watts	Standard Voltage	Energy Factor	1st Hr. Rating	GPH @ 90°F Rise	A	B	C	Ship. Wt.
Energy Saver with Insulation Blanket - Short Models										
KSA030KDB	28	4500	240V	.95	40	21	30"	22"	21-3/4"	96
KSA040KDB	38	4500	240V	.95	46	21	31-3/4"	24"	24"	118
KSA050KDB	48	4500	240V	.95	57	21	34"	26-1/2"	25"	172
Energy Saver - Short Models										
KSA030KD	28	4500	240V	.95	43	21	31-1/4"	24"	21-3/4"	115
KSA040KD	38	4500	240V	.95	44	21	33-1/2"	26"	24"	118
Energy Saver with Insulation Blanket - Medium Models										
KMA030KDB	30	4500	240V	.95	48	21	39"	20"	30-1/2"	95
Energy Saver - Medium Models										
KMA030KD	30	4500	240V	.95	49	21	39-3/4"	22"	30-1/2"	94
KMA040KD	40	4500	240V	.95	55	21	50"	20-1/2"	40-3/4"	109
KMA050KD	50	4500	240V	.95	62	21	49-3/4"	23"	40-1/2"	161
Energy Saver with Insulation Blanket - Tall Models										
KTA052KDB	50	4500	240V	.95	70	21	60-1/4"	21"	51-1/4"	131
Energy Saver - Tall Models										
KTA030KD	30	4500	240V	.95	47	21	46-1/2"	19"	39-1/2"	95
KTA040KD	40	4500	240V	.95	51	21	60-1/4"	20"	53-1/4"	118
KTA052KD	50	4500	240V	.95	71	21	60-1/2"	22"	51-1/4"	134
KTA055KD	55	4500	240V	.94	76	21	56-1/2"	24"	48-1/2"	145

Notes: Standard Voltage and Wattage: 240V - 4500W.

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.

FOR EASE IN ORDERING
BY MODEL NUMBER



This is a 240 volt Tall Water Heater. 40 gallon with upper 4500 watt and lower 4500 watt elements.



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