

RESIDENTIAL ELECTRIC WATER HEATERS

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** - Complies with the Federal Energy Conservation Standards, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended. Meets the thermal efficiency and standby loss requirements of ASHRAE/IES 90.1. Meets UBC, CEC and HUD national codes. Certified to UL 174 for household electric water heaters.
- **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 uniform 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.

* 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)
- **4-Year Warranty Extension Kit** - 100345879
Available for residential applications only.

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

ENERGY SAVER ELECTRIC MODELS

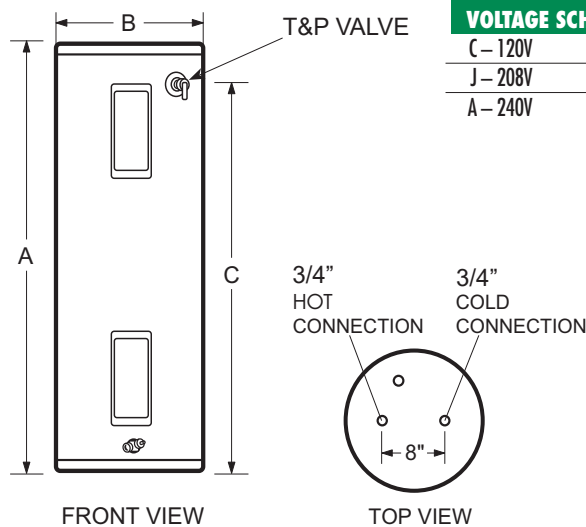


**All models meet or exceed Federal
and ASHRAE Energy Efficiency Standards**



Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

DIMENSIONS AND SPECIFICATIONS



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

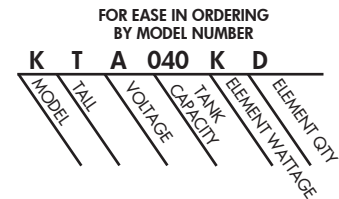
ELEMENT AVAILABILITY SCHEDULE			
Wattage	C - 120V	J - 208V	A - 240V
C-1500	N/A	Yes	Yes
D-1650	Yes	N/A	N/A
E-2000	Yes	Yes	Yes
F-2500	Yes	Yes	Yes
G-3000	Yes	Yes	Yes
H-3500	N/A	Yes	Yes
J-4000	N/A	Yes	Yes
K-4500	N/A	Yes	Yes
M-5000	N/A	Yes	Yes
N-5500	N/A	Yes	Yes
P-6000	N/A	N/A	Yes

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

Model Number	Nominal Gal. Cap.	Rated Gal. Cap.	Standard Voltage	Standard Watts	Min. Watts	Max. Watts	1st Hr. UEF	Rating	GPH @ 90°F Rise	A	B	C	Ship. Wt.
Energy Saver with Insulation Blanket - Short Models													
KSA030KDB	28	26	240V	4500	1500	6000	.89	43	21	30"	20"	21-3/4"	90
KSA040KDB	38	35	240V	4500	4500	6000	.92	51	21	32"	23"	24"	118
KSA050HDBW	48	44	240V	3500	1500	3500	.91	40	16	34"	26-1/2"	25"	172
KSA050KDB	48	44	240V	4500	4000	6000	.93	60	21	34"	26-1/2"	25"	172
Energy Saver - Short Models													
KSA030KD	28	26	240V	4500	1500	6000	.90	44	21	31-1/4"	24"	21-3/4"	115
KSA036KD	36	33	240V	4500	4500	6000	.92	51	21	32"	24"	24"	118
KSA040KD	38	35	240V	4500	1500	6000	.89	50	21	33-1/2"	26"	24"	118
KSA050KD	51	48	240V	4500	4000	6000	.92	51	21	36"	26-1/2"	25"	172
Energy Saver with Insulation Blanket - Medium Models													
KMA030KDB	30	27	240V	4500	1500	6000	.90	50	21	39"	20"	30-1/2"	95
Energy Saver - Medium Models													
KMA030KD	30	27	240V	4500	1500	6000	.89	47	21	39-3/4"	22"	30-1/2"	94
KMA040JDW	40	37	240V	4000	1500	4000	.88	41	18	49-3/4"	20-1/2"	40-3/4"	109
KMA040KD	40	37	240V	4500	4500	6000	.92	55	21	49-3/4"	20-1/2"	40-3/4"	109
KMA050KD	50	46	240V	4500	2500	6000	.92	57	21	49-1/4"	23"	40-1/2"	161
Energy Saver - Tall Models													
KTA030KD	30	27	240V	4500	1500	6000	.89	48	21	46-1/2"	19"	39-1/2"	95
KTA040KD	40	36	240V	4500	3500	6000	.92	53	21	61-1/4"	18"	53-1/4"	118
KTA052KD	50	46	240V	4500	3000	6000	.92	62	21	59"	20-1/2"	51-1/4"	125
KTA055KD	55	55	240V	4500	2500	6000	.93	72	21	56-1/2"	24"	48-1/2"	145

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.



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



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For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.