



## Junior Electric Water Heaters

### Junior Electric Models

Lochinvar's Junior electric models are available from 2.5 to 40 gallon capacities in compact designs ideal for point-of-use commercial applications.

### Standard Features

- **Code Compliance** - Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act, (EPCA), as amended.
- **Approved for Manufactured Home** - The Junior 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 for residential applications only.

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



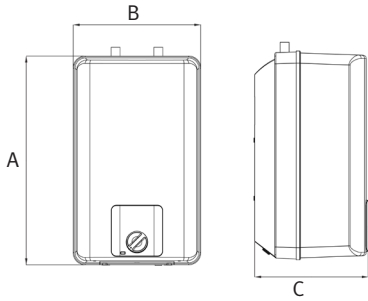
### Optional Equipment

- **Adjustable Water Heater Shelf** - Heavy gauge steel shelves assemble six different ways for convenient wall mounting.

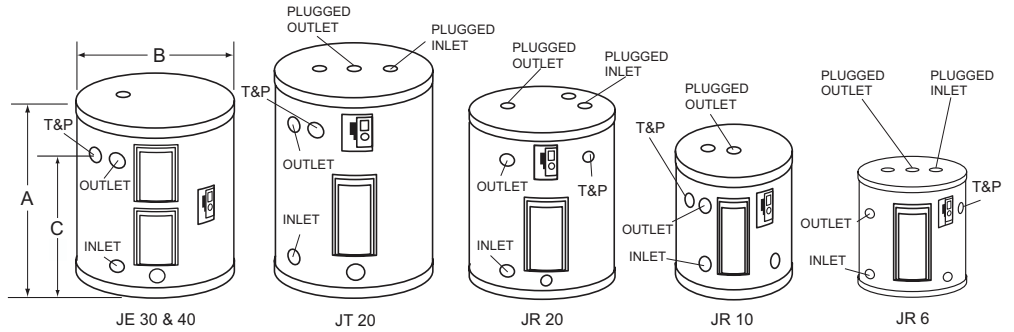
**All models meet or exceed Federal and ASHRAE Energy Efficiency Standards**

# Dimensions and Specifications

## 2.5 gallon model



## 6 - 40 gallon models



Model Number	Nominal Gallon Cap.	Rated Storage Cap.	Standard Voltage	Standard Watts	Min Watts	Max Watts	UEF	1st HR. Rating	GPH @ 90°F Rise	A	B	C	Ship. Wt.
<b>Point-Of-Use Models</b>													
JECO02BS	2.5	2.6	120v	1440	N/A	N/A	N/A	N/A	7	14-1/2"	11-3/4"	10-1/2"	17
JECO04BS	4	4	120v	1440	N/A	N/A	N/A	N/A	7	19-1/4"	11-3/4"	10-1/2"	20
JECO06BS	6	6	120v	1440	N/A	N/A	N/A	N/A	7	20"	13-3/4"	12-1/2"	24
<b>Junior Electric Models with Insulation Blanket</b>													
JEA030KDB	28	26	240v	4500	1650	6000	.90	47	21	30"	22"	21-3/4"	101
JEA040JDBW	38	35	240v	4000	1650	4000	.91	38	18	31-3/4"	24"	24"	118
JEA040KDB	38	35	240v	4500	4500	6000	.94	57	21	31-3/4"	24"	24"	118
<b>Junior Electric Models</b>													
JRC006DS	6	6	120v	1650	1650	3000	N/A	N/A	8	15-1/4"	14-1/4"	10-3/4"	35
JRC010DS	10	9	120v	1650	1650	6000	N/A	N/A	8	18-1/4"	16"	12-1/4"	41
JRC020FS	19	17	120v	2500	2500	6000	N/A	N/A	11	24-3/4"	18"	18-3/4"	68
JTC020FS	19.9	19.0	120v	2500	2500	6000	N/A	N/A	11	31-3/4"	16"	25-3/4"	68
JEA030KD	28	26	240v	4500	1650	6000	.91	43	21	31-1/4"	24"	21-3/4"	115
JEA040JDW	38	35	240v	4000	1650	4000	.91	38	18	33-1/2"	26"	24"	118
JEA040KD	38	35	240v	4500	4500	6000	.93	54	21	33-1/2"	26"	24"	118

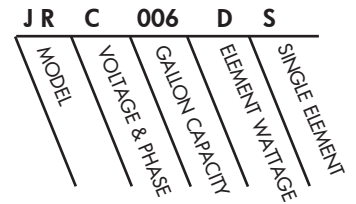
Note: The Point-Of-Use models are available in 120 volt, 1440 watts only. Water connections are 3/4" NPT.

Alternate Elements for 6-40 Gallon	Voltage		
	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 Rise)	Recovery Rate		
	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	

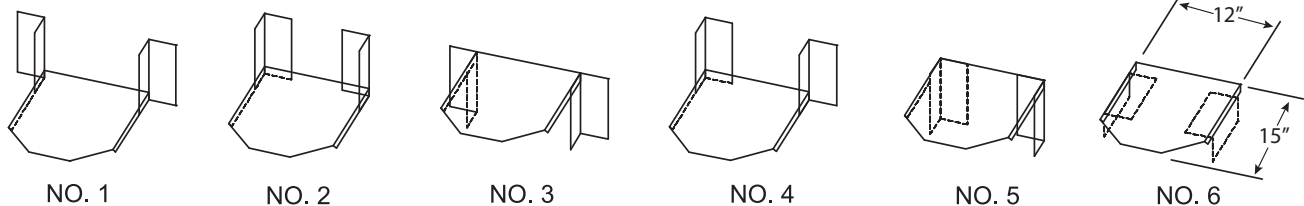
VOLTAGE SCHEDULE
C - 120V 1ø
J - 208V 1ø
A - 240V 1ø

FOR EASE IN ORDERING BY MODEL NUMBER



This heater is a Junior Electric Model that is 120 volts, 1 phase with a 6 gallon capacity and has a 1650 wattage heating element.

## Six Way Shelf Mountings - 2.5, 6 and 10 Gallon Models Only. (Part number JKT 3004)



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