Lochinvar®
High Efficiency Water Heaters, Boilers and Pool Heaters

Junior Electric Water Heaters

Point-of-Use Models

Lochinvar's junior electric water heaters are available in models from 2 to 30 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

- **Adjustable Thermostat Control** - for accurate, easy control of water temperature and safe operation.
- **Manual Reset High Limit Safety Control**
- **Glass-lined Steel Tank** - fused to the interior of the tank to assure a long life providing clean, clear hot water.
- **300 psi Test Pressure, 150 psi Working Pressure**
- **T&P Relief Valve Tapping** (T&P relief valve supplied with all models)
- **Non-CFC Foam Insulation** - A thick blanket of foam insulation reduces standby heat loss.
- **Factory Supplied Dielectric Water Connections** - provides an extra measure of tank protection and piping convenience.
- **Magnesium Tank Saver Anode** - high capacity anode provides protection from the effects of electrolytic corrosion.
- **All Models U.L. Listed**
- **4ft. Power Cord** (2 gallon model)
- **6 Year Limited Warranty*** (See warranty for details)
- **10 Year Extended Warranty Available** (In residential applications)

* 3 year limited warranty on tank and 1 year limited warranty on Parts when installed in commercial applications

Optional Equipment

- **Adjustable Water Heater Shelf** — Heavy gauge steel shelves assemble 6 different ways for convenient wall mounting.

Junior Electric Water Heater Dimensions and Specifications

2 gallon model

TOP VIEW

SIDE VIEW

Wattage Schedule and Recovery Rates

Element	Wattage	Recovery Rate (GPH @ °F Rise) 40	50	60	70	80	90	100
E	1500	16	12	10	9	8	7	6
F	2000	21	17	14	12	10	9	8
G	2500	26	21	17	15	13	11	10
H	3000	31	25	21	18	16	14	12
J	3500	36	29	24	21	18	16	14
L	4000	41	33	28	24	21	18	17
K	4500	47	37	31	27	23	21	19
M	5000	52	41	34	30	26	23	21
P	6000	62	50	41	35	31	28	25

NOTE: Max wattage @120V is 3000W.

6 - 30 gallon models

6 & 12 GALLON MODELS

TOP VIEW

SIDE VIEW

20 & 30 GALLON MODELS

TOP VIEW

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

Model Number	Gallon Capacity	Input Watts	1st Hour Gallons	Energy Factor**	A	B	D	E	Shipping Weight
JRC002E	2	1500	NA	NA	12-1/4″	10″	13-1/4″	13-1/4″	14
JRC006E	6	1500	NA	NA	16-1/2″	14″	10-1/4″	3″	33
JRC012E	12	1500	NA	NA	27-3/4″	14″	21-1/4″	3″	48
JRC020E	19	1500	NA	NA	24-3/4″	18″	18-1/4″	3″	59
JRC031E	30	1500	37	0.93	29-3/4″	22″	23-1/2″	4-1/2″	82

Notes: *Standard wattage and voltage: 1500w / 120v.*
Maximum wattage for 6 and 12 gallon is 3000w
Maximum wattage for 19 and 30 gallon is 6000w.
Water connections are 3/4" NPT.
** 2 gallon is available in 1500w / 120v only.*
***Models under 30 gallons are exempt from Energy Factor minimum requirements.*

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 a1500 wattage heating element.

Six Way Shelf Mountings – *2, 6 and 12 Gallon Models Only. (Part number JKT 3004)*

NO. 1

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

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