



**Lochinvar**<sup>®</sup>  
HIGH EFFICIENCY BOILERS & WATER HEATERS

**JUNIOR ELECTRIC  
WATER HEATER  
Submittal Sheet**

**JR-Sub-07**

**JUNIOR ELECTRIC WATER HEATERS**

**JOB NAME** \_\_\_\_\_  
**LOCATION** \_\_\_\_\_  
**ENGINEER** \_\_\_\_\_  
**WHOLESALE** \_\_\_\_\_  
**MECH. CONTRACTOR** \_\_\_\_\_  
**MODEL NO.** \_\_\_\_\_  
**RECOVERY RATE IN GPH** \_\_\_\_\_ @ \_\_\_\_\_ °F RISE  
**GALLON CAPACITY** \_\_\_\_\_  
**VOLTAGE/PHASE** \_\_\_\_\_  
**KW** \_\_\_\_\_  
**NOTES**

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**Standard Features**

- NAECA Code Compliant
- Meets ASHRAE/IES 90.1
- Meets UBC, CEC and HUD National Codes
- Approved for Manufactured Homes
- Adjustable Thermostat Control
- Immersion Heating Elements
- Manual Reset High Limit Safety Control
- Glass-lined Steel Tank
- 300 psi Test Pressure, 150 psi Working Pressure
- Temperature and Pressure Relief Valve
- Non-CFC Foam Insulation
- Factory Installed Heat Traps
- Tank Saver Anode
- Brass Drain Valve
- 6 Year Limited Tank and Parts Warranty\*  
(See warranty for details)

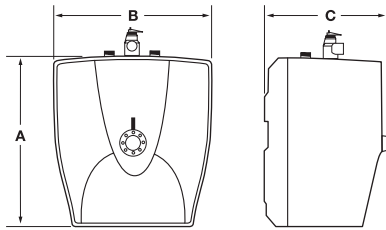
\* 1 year limited tank and parts warranty when installed in commercial applications

**Optional Equipment**

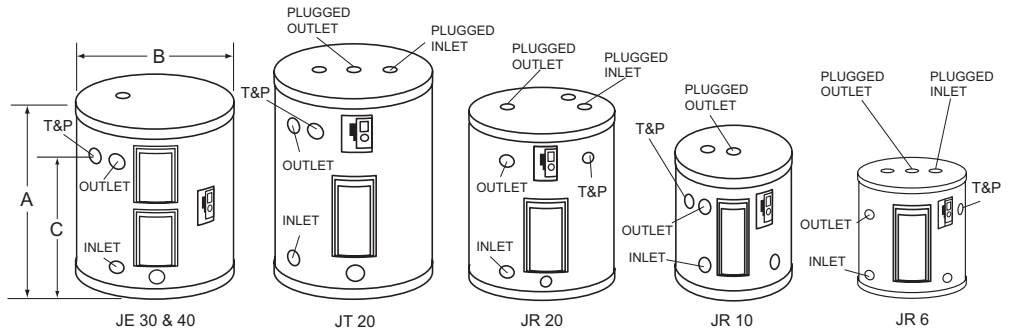
- Place an X in the box by all options that apply**
- 6 Way Wall Mounting Shelf (JKT 3004)
  - 10 Year Extended Warranty Kit  
residential applications only

# Dimensions and Specifications

## 2.5 gallon model



## 6 - 40 gallon models



| Model Number  | Gallon Capacity | Standard Watts | Standard Voltage | Energy Factor | 1st Hr. Rating | GPH @ 90°F Rise | A       | B       | C       | Ship. Wt. |
|---|-----------------|----------------|------------------|---------------|----------------|-----------------|---------|---------|---------|-----------|
| <b>Junior Electric Models with Insulation Blanket</b> |                 |                |                  |               |                |                 |         |         |         |           |
| JEA030KDB   | 28              | 4500           | 240v             | .95           | 39             | 21              | 30"     | 22"     | 21-3/4" | 101       |
| JEA040KDB   | 38              | 4500           | 240v             | .95           | 47             | 21              | 31-3/4" | 24"     | 24"     | 118       |
| <b>Junior Electric Models</b>                         |                 |                |                  |               |                |                 |         |         |         |           |
| JRC002CS  | 2.5             | 1500           | 120v             | N/A           | N/A            | 7               | 13-3/4" | 13-3/4" | 11"     | 20        |
| JRC006DS  | 6               | 1650           | 120v             | N/A           | N/A            | 8               | 15-1/4" | 14-1/4" | 10-3/4" | 35        |
| JRC010DS  | 10              | 1650           | 120v             | N/A           | N/A            | 8               | 18-1/4" | 16"     | 12-1/4" | 41        |
| JRC020FS  | 19              | 2500           | 120v             | N/A           | N/A            | 11              | 24-3/4" | 18"     | 18-3/4" | 68        |
| JTC020FS  | 19.9            | 2500           | 120v             | N/A           | N/A            | 11              | 31-3/4" | 16"     | 25-3/4" | 68        |
| JEA030KD  | 28              | 4500           | 240v             | .95           | 39             | 21              | 31-1/4" | 24"     | 21-3/4" | 115       |
| JEA040KD  | 38              | 4500           | 240v             | .95           | 44             | 21              | 33-1/2" | 26"     | 24"     | 118       |

Notes: The 2.5 gallon is available in 120 volt / 1500 watts only.

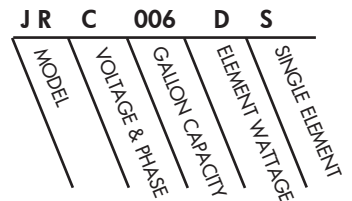
Maximum wattage for 6 gallon is 3000 watts.

Water connections are 3/4" NPT.

| Alternate Elements for 6-40 Gallon | Wattage  |          |          | Recovery Rate (GPH @ °F Rise) |      |       |
|------------------------------------|----------|----------|----------|-------------------------------|------|-------|
|                                    | C - 120V | J - 208V | A - 240V | 40°F                          | 70°F | 100°F |
| C-1500                             | N/A      | Yes      | Yes      | 16                            | 9    | 6     |
| D-1650                             | Yes      | N/A      | N/A      | 17                            | 10   | 7     |
| E-2000                             | Yes      | Yes      | Yes      | 21                            | 12   | 8     |
| F-2500                             | Yes      | Yes      | Yes      | 26                            | 15   | 10    |
| G-3000                             | Yes      | Yes      | Yes      | 31                            | 18   | 12    |
| H-3500                             | N/A      | Yes      | Yes      | 36                            | 21   | 14    |
| J-4000                             | N/A      | Yes      | Yes      | 41                            | 24   | 17    |
| K-4500                             | N/A      | Yes      | Yes      | 47                            | 27   | 19    |
| M-5000                             | N/A      | Yes      | Yes      | 52                            | 30   | 21    |
| N-5500                             | N/A      | Yes      | Yes      | 57                            | 32   | 23    |
| P-6000                             | N/A      | N/A      | Yes      | 62                            | 35   | 25    |

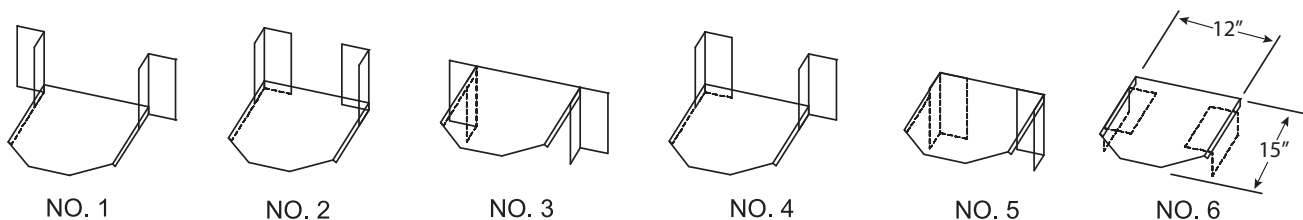
| VOLTAGE SCHEDULE |
|------------------|
| C - 120V 1ø      |
| J - 208V 1ø      |
| A - 240V 1ø      |

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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