



# ELECTRIC WATER HEATERS



## Before purchasing your new electric water heater

Things you should know:

1. Gallon capacity of old water heater
2. Wattage (KW) and voltage of old water heater
3. Dimensions of old water heater (diameter x height)

## Energy Smart® Electronic Control System

- Patented Anti-Dry Fire System helps prevent element failure due to lack of water in the tank on start-up
- Incoloy Heating Elements 4.5 KW/240 volts (other wattages to max 5.5 KW/240 volts available)
- Four User-Selectable Operating Modes:
  - SMART** - Functions similar to conventional electric water heaters
  - ENERGY SMART®** - Automatically adjusts water temperature according to your family's water usage pattern - helps ensure sufficient hot water at a minimum cost
  - LOW TEMPERATURE** - Automatically limits the maximum water temperature to 115°F (meets some code requirements)
  - VACATION/CABIN** - Prevents freezing when left unattended while on vacation or away for extended periods of time



## 12-Year Tank and Parts Warranty - Self Cleaning - Energy Smart®

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
EE2J40RD045V	40	20"	48-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
EE2J40HD045V	40	18"	59"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
EE2J50RD045V	50	22"	48"	4500/4500	240V	20.7	0.92	DOUBLE	3-4
EE2J50HD045V	50	20"	58-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	3-4
EE2J65HD045V	66	22"	59-1/4"	4500/4500	240V	20.7	0.90	DOUBLE	5+
EE2J80HD045V	80	24"	59"	4500/4500	240V	20.7	0.90	DOUBLE	5+



## 9-Year Tank and Parts Warranty - Self Cleaning - Energy Smart®

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
EE2H40RD045V	40	20"	48-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
EE2H40HD045V	40	18"	59"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
EE2H50RD045V	50	22"	48"	4500/4500	240V	20.7	0.92	DOUBLE	3-4
EE2H50HD045V	50	20"	58-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	3-4
EE2H80HD045V	80	24"	59"	4500/4500	240V	20.7	0.90	DOUBLE	5+

## Standard Electric Features

- Non-CFC Foam Insulation - improves efficiency and is environmentally friendly
- Temperature and Pressure (T&P) Safety Relief Valve - ensures safe operation
- Ceramic Lined Tank - resists corrosion, prolongs water heater life
- Factory-Installed Anode Rod - prolongs tank life
- Electromechanical Thermostat(s) and High Temperature Limit
- Long Lasting Incoloy Elements in 12- and 9-year models; Cost Effective Copper Elements in 6-year models
- Corrosion-Resistant Drain Valve
- High Temperature Dip Tube



## 12-Year Tank and Parts Warranty - Self Cleaning - Standard

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
E2J40RD045V	40	20"	47-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2J40HD045V	40	18"	59"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2J50RD045V	50	22"	46-3/4"	4500/4500	240V	20.7	0.91	DOUBLE	3-4
E2J50HD045V	50	20"	58-1/4"	4500/4500	240V	20.7	0.91	DOUBLE	3-4
E2J65HD045V	66	22"	59-1/4"	4500/4500	240V	20.7	0.90	DOUBLE	5+
E2J80HD045V	80	24"	59"	4500/4500	240V	20.7	0.87	DOUBLE	5+



## 9-Year Tank and Parts Warranty - Self Cleaning - Standard

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
E2H40RD045V	40	20"	47-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2H40HD045V	40	18"	59"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2H50RD045V	50	22"	46-3/4"	4500/4500	240V	20.7	0.91	DOUBLE	3-4
E2H50HD045V	50	20"	58-1/4"	4500/4500	240V	20.7	0.91	DOUBLE	3-4

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## 6-Year Tank and Parts Warranty - Regular and Slim Models

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
E2F30HS045V	30	18"	45"	0/4500	240V	20.7	0.93	DOUBLE	1-2
E2F40RS045V	40	20"	47-1/4"	0/4500	240V	20.7	0.92	DOUBLE	2-3
E2F30HD045V	30	18"	45"	4500/4500	240V	20.7	0.93	DOUBLE	1-2
E2F40RD045V	40	20"	47-1/4"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2F40HD045V	40	18"	59"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E1F50RD045V	50	20"	50"	4500/4500	240V	20.7	0.90	SINGLE	3-4
E2F50HD045V	50	20"	58-1/4"	4500/4500	240V	20.7	0.91	DOUBLE	3-4
E2F65HD045V	66	22"	59-1/4"	4500/4500	240V	20.7	0.90	DOUBLE	5+
E2F80HD045V	80	24"	59"	4500/4500	240V	20.7	0.87	DOUBLE	5+
E2F119RD045V	119	28"	61-3/4"	4500/4500	240V	20.7	0.83	DOUBLE	5+



## 6-Year Tank and Parts Warranty - Lowboy Models

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
E2F30LD045V	28	22"	28-3/4"	4500/4500	240V	20.7	0.93	DOUBLE	1-2
E2F40LD045V	38	24"	31-5/8"	4500/4500	240V	20.7	0.92	DOUBLE	2-3
E2F50LD045V	46.5	26"	31"	4500/4500	240V	20.7	0.91	DOUBLE	3-4

## 6-Year Tank and Parts Warranty - Specialty Heaters

Model Number	Gallon Capacity	Diameter	Height	Element Wattage (Upper/Lower)	Voltage	Gallons Per Hour Recovery	Energy Factor	Foam Insulation	Family Size
<b>POINT OF USE - TINY TITAN® MODELS</b>									
E1E2.5US015V†	2.5	(A)	(A)	0/1500	120V	6.8	N/A	SINGLE	N/A
E61-06U-017SV	6	14-1/4"	15-3/4"	0/1650	120V	7.5	N/A	SINGLE	N/A
E61-12U-015SV	12	16"	22-3/4"	0/1500	120V	6.9	N/A	SINGLE	N/A
E61-20U-015SV	19	18"	25"	0/1500	120V	6.9	N/A	SINGLE	N/A
E61-19L-045DV	19	16"	31-1/4"	4500/4500	240V	20.7	N/A	SINGLE	N/A
<b>MOBILE HOME MODELS††</b>									
MHE2F30LD045V	28	22"	28-3/4"	4500/4500	240V	20.7	0.93	DOUBLE	1-2
MHE2F30HS035V	30	18"	45"	0/3500	240V	16.1	0.93	DOUBLE	1-2
MHE2F40RS035V	40	20"	47-1/4"	0/3500	240V	16.1	0.92	DOUBLE	2-3
<b>TABLE TOP MODELS</b>									
E2F38TD045V	38	(B)	(B)	4500/4500	240V	20.7	0.88	DOUBLE	2-3

† 5-Year Tank and Parts Warranty.

†† Available with Side T&P Only.

Not all models available in all stores.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

All tanks and parts have a limited warranty. Consult store associate for details.

Recovery is based on 90°F rise for residential units.

All standard models are wired for non-simultaneous element operations.

3/4" water connections on 8" centers.

(A) 14-1/2" height x 13-3/4" wide x 11" deep; (B) 36" height x 24" wide x 25" deep

## ELECTRIC MODEL NUMBER KEY

**E E 2 H 40 H D 045 V**

