

## Residential Electric Water Heater With ICON E™ (Electronic Control)

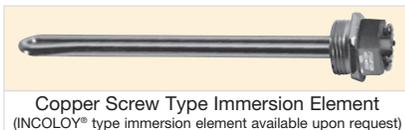


Photo is of  
ERE250T6

### The Residential Electric Models Feature:

- **Bradford White ICON System®**—The “ICON E™” intelligent electric water heater control optimizes tank temperature accuracy and stability.
  - **External Setpoint Knob**—Simplifies temperature adjustment.
  - **Intelligent Diagnostics**—Exclusive tricolor LED Indicators.
    - Green Flash - Normal Operation.
    - Amber Flash - Fault Detected.
    - Red Flash - High Temperature Detected.
  - **StartGuard™ Technology**—Provides “Dry-Fire” protection of heating elements upon initial startup.
  - **CTA-2045 Communication Port**—Allows end users to participate in local utility provider’s demand response programs. Complies with CTA-2045A.
- **Vitraglas® Lining with Microban®**—An exclusively engineered enamel formula that provides superior tank protection from the corrosive effects of water; and with Microban® antimicrobial product protection to help prevent the growth of bacteria, mold and mildew on the surface of the tank lining.
- **Hydrojet® Total Performance System**—Sediment reducing device that also increases first hour rating of hot water while minimizing temperature build-up in tank.
- **Direct Heat Transfer with Immersed Elements**—Transfers heat directly and efficiently to the water. Screw-in style.
- **Water Connections**—NPT factory installed dielectric waterway with heat traps.
- **Protective Anode Rod.**
- **Low Restrictive Brass Drain Valve**—Durable tamper proof design.
- **T&P Relief Valve**—Installed.
- **Housing and Urban Development**—These water heaters are designed in accordance with H.U.D. and are approved for installation in a manufactured home (mobile home).

### FEATURING:



### 6 Year Limited Tank Warranties / 6 Year Limited Warranty on Component Parts.

For more information on warranty, please visit [www.bradfordwhite.com](http://www.bradfordwhite.com)  
For products installed in USA, Canada, and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

Microban® antimicrobial product protection helps prevent the growth of bacteria, mold and mildew that may affect the product. The built-in antimicrobial properties do not protect users or others from disease-causing organisms. Microban® is a registered trademark of Microban Products Company.

# Residential Electric Water Heater With ICON E™ (Electronic Control)

## Upright Models

C.E.C. Listed

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Gal.	First Hour Rating Gal.	Uniform Energy Factor	Recovery at 90°F Rise*		A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to Water Conn. in.	D C/L of Water Conn. in.	E Floor to T&P Conn. in.	G Water Conn. NPT in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.				U.S. GPH	Imp. GPH							
ERE240S6†	40	33	36	48	0.91	21	18	47 3/16	20	49 7/16	8	49 7/16	3/4	123
ERE340S6	40	33	36	49	0.91	21	18	47 3/16	22	49 7/16	8	49 7/16	3/4	114
ERE340T6	40	33	36	53	0.92	21	18	60 3/16	20	62 7/16	8	62 7/16	3/4	125
ERE350S6	50	42	45	60	0.92	21	18	47 3/16	24	49 7/16	8	49 7/16	3/4	144
ERE250S6†	50	42	45	60	0.92	21	18	47 3/16	22	49 7/16	8	49 7/16	3/4	143
ERE250T6	50	42	45	64	0.92	21	18	59	20	60 1/4	8	60 1/4	3/4	130
ERE255T6	55	46	55	75	0.93	21	18	56 15/16	23	58 3/16	8	58 3/16	3/4	142

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Liters	First Hour Rating Liters	Uniform Energy Factor	Recovery at 50°C Rise*		A Floor to Top of Heater mm.	B Jacket Dia. mm.	C Floor to Water Conn. mm.	D C/L of Water Conn. mm.	E Floor to T&P Conn. mm.	G Water Conn. NPT mm.	Approx. Shipping Weight kg.
	Liters	Liters				Liters/ Hour	Liters/ Hour							
ERE240S6†	151	136	136	182	0.91	79	79	1199	508	1256	203	1256	19	56
ERE340S6	151	136	136	186	0.91	79	79	1199	559	1256	203	1256	19	52
ERE340T6	151	136	136	201	0.92	79	79	1529	508	1586	203	1586	19	57
ERE350S6	189	170	170	227	0.92	79	79	1199	610	1256	203	1256	19	65
ERE250S6†	189	170	170	227	0.92	79	79	1199	559	1256	203	1256	19	65
ERE250T6	189	170	170	242	0.92	79	79	1499	508	1530	203	1530	19	59
ERE255T6	208	208	208	284	0.93	79	79	1446	584	1478	203	1478	19	64

## Lowboy Models

C.E.C. Listed

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Gal.	First Hour Rating Gal.	Uniform Energy Factor	Recovery at 90°F Rise*		A Floor to Top of Heater in.	B Jacket Dia. in.	C Floor to Water Conn. in.	D C/L of Water Conn. in.	E Floor to T&P Conn. in.	G Water Conn. NPT in.	Approx. Shipping Weight lbs.
	U.S. Gal.	Imp. Gal.				U.S. GPH	Imp. GPH							
ERE240LN6	37	31	34	45	0.92	21	18	32 1/16	24 1/2	34 5/16	8	23 9/16 / 34 5/16	3/4	126
ERE240LG†	38	32	35	49	0.91	21	18	32 3/8	24	34 5/8	8	23 9/16 / 34 5/8	3/4	140
ERE250LN6	47	39	43	61	0.92	21	18	33 5/16	26	36 1/16	8	24 5/16 / 36 1/16	3/4	173

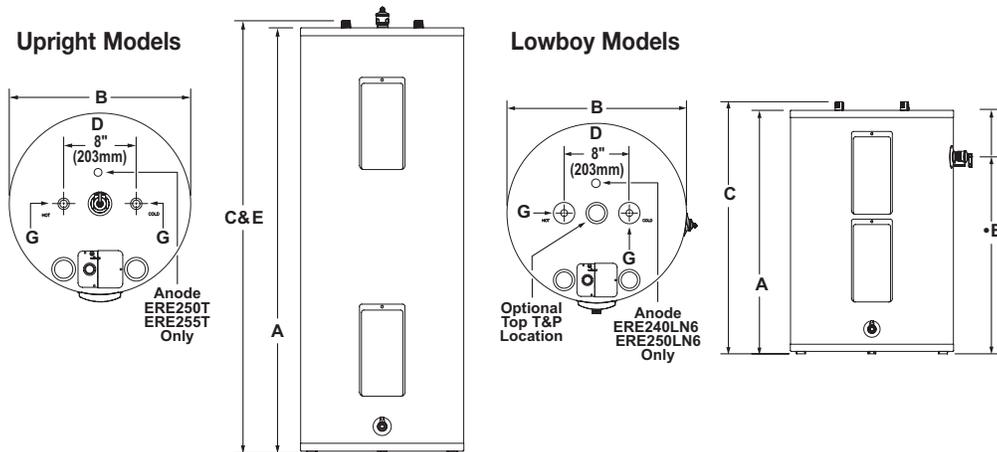
  

Model Number	Rated Nominal Capacity		DOE Rated Storage Volume Liters	First Hour Rating Liters	Uniform Energy Factor	Recovery at 50°C Rise*		A Floor to Top of Heater mm.	B Jacket Dia. mm.	C Floor to Water Conn. mm.	D C/L of Water Conn. mm.	E Floor to T&P Conn. mm.	G Water Conn. NPT mm.	Approx. Shipping Weight kg.
	Liters	Liters				Liters/ Hour	Liters/ Hour							
ERE240LN6	140	129	129	171	0.92	80	80	814	622	872	203	598 / 872	19	57
ERE240LG†	144	132	132	186	0.91	80	80	822	610	879	203	598 / 879	19	64
ERE250LN6	178	163	163	231	0.92	80	80	846	660	916	203	618 / 916	19	78

† Models include supplied insulation blanket (2" thick). Dimensions in charts above do not include blanket thickness.

\* Based on 4500W/4500W, Non-Simultaneous operation.

Uniform Energy Factor and First Hour Rating is based on the latest AHRI directory listings.



### General:

#### Meets NAECA Requirements

All models UL® listed. These heaters are wired inter-locking (Non-Simultaneous, Single Phase) 240V with two 4500W elements. All water and electrical connections are 3/4" (19mm) NPT. All models certified at 300 PSI test pressure (2068 kPa) and 150 PSI working pressure (1034 kPa). Complies with CTA-2045A.

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

— BRADFORD WHITE IS —



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24/7 Technical Support: 800-334-3393 • Email techserv@bradfordwhite.com

Products made by Bradford White are manufactured in the United States using the finest raw materials and components from around the world.

**Built to be the Best**