

9- and 12-Year Limited Tank/Parts Warranty*

Reduces Off-Cycle Energy Costs by as Much as 30% When Operating in the Energy Smart® Mode

- **Touch Screen Electronic User Interface** -with easy to set temperature setting and safety lock feature
- **Operating Modes** - homeowner choice of operating modes to include energy saving Energy Smart® mode, which intelligently reacts to homeowner hot water use patterns to reduce standby heat loss; Vacation mode saves money while you are away
- **Diagnostic Feedback Via User Interface** - status codes communicated on LCD screen
- **Electronic Thermostat** - superior to conventional electromechanical thermostats in reliability and precision
- **Smart Grid Ready** - adapter positions water heater for future utility management
- **Dry Fire Protection** - ensures installer/homeowner does not accidentally burn out the upper element when power is turned on, if the water level in the tank is not full
- **Premium Stainless Steel Heating Elements** - more efficient and last longer than conventional elements
- **Self Cleaning Dip Tube** - helps avoid sediment in tank, ensuring long tank life and optimal efficiency
- **2" Environmentally Friendly Non-CFC Foam Insulation** - reduces standby heat loss
- **9-Year or 12-Year Warranty**



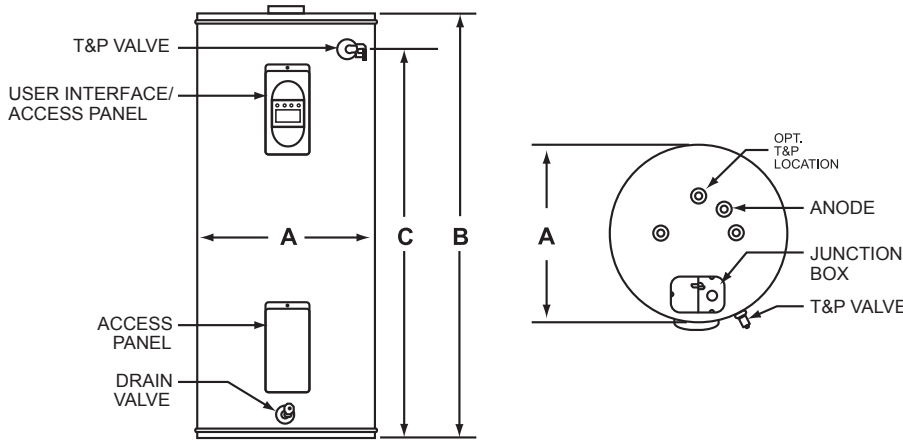
Electronic User Interface

Diagnostic Reporting Monitors:

- | | |
|----------------------------------|-----------------------------------|
| 1. Dry-Fire Detection | 4. Upper Element Failure |
| 2. Electronic Thermostat Failure | 5. Lower Element Failure |
| 3. Lower Thermistor Failure | 6. Energy Smart® Module Defective |

Diagnostic codes displayed on LCD screen. Reliability is engineered into the Energy Smart®. There is no single point of failure as the water heater may operate with one failed thermistor or one failed element, unlike conventional electric models.

*For complete warranty information consult the written warranty of U.S. Craftmaster Water Heaters found at www.uscraftmaster.com, or call (800) 999-9515.



Energy Smart® Electric Water Heaters

MODEL NUMBER	GALLON CAPACITY	GPH RECOVERY 90° RISE	FIRST HR RATING	E.F.	HEIGHT			WEIGHT (lbs)	FOAM INSULATION	FAMILY SIZE
					JACKET DIAM. A	TOP OF HEATER B	SIDE T&P C			
12-Year Warranty Models										
ES2J40RD045V	40	20.7	54	0.92	20.00	48.25	40.75	105.0	2"	2-3
ES2J40HD045V	40	20.7	55	0.92	18.00	59.00	52.50	105.0	2"	2-3
ES2J50RD045V	50	20.7	65	0.92	22.00	48.00	40.75	132.0	2"	3-4
ES2J50HD045V	50	20.7	64	0.91	20.00	58.25	51.50	115.0	2"	3-4
ES2J65HD045V	65	20.7	75	0.91	22.00	59.25	53.00	151.0	2"	5+
ES2J80HD045V	80	20.7	89	0.88	24.00	59.00	53.00	185.0	2"	5+
9-Year Warranty Models										
ES2H40RD045V	40	20.7	54	0.92	20.00	48.25	40.75	105.0	2"	2-3
ES2H40HD045V	40	20.7	55	0.92	18.00	59.00	52.50	105.0	2"	2-3
ES2H50RD045V	50	20.7	65	0.92	22.00	48.00	40.75	132.0	2"	3-4
ES2H50HD045V	50	20.7	64	0.91	20.00	58.25	51.50	115.0	2"	3-4
ES2H80HD045V	80	20.7	89	0.88	24.00	59.00	53.00	185.0	2"	5+

Dimensions and specifications subject to change.

Distributed By:

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Warranty and Service
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