

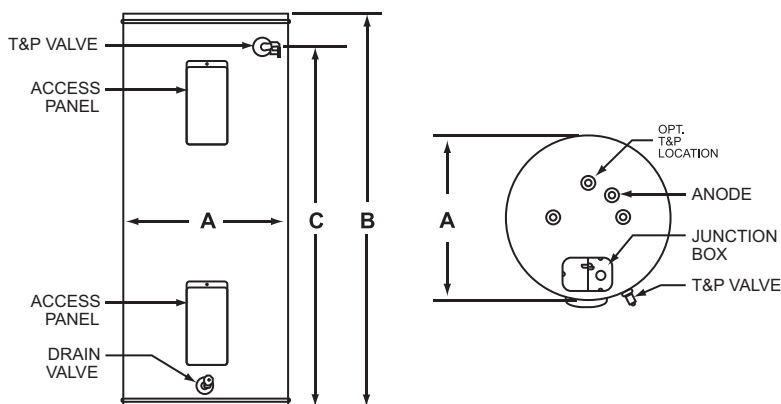
**6-Year Limited Tank/Parts Warranty\***

All residential electric water heaters have the Fused Ceramic Shield lining, a tough, thick, durable coating of ceramic that is fused to the tank's interior surface at 1600°F, forming a corrosion-resistant lining for years of dependable protection and use.

- **Dual Heating Elements**  
Screw-in, direct immersion, 4500-watt, 240-volt heating elements for maximum efficiency.
- **“Environmentally-Friendly” Non-CFC Foam Insulation**  
The tank is surrounded by a thick coat of non-CFC polyurethane foam to trap heat inside the tank, saving energy.
- **Dip Tube**  
Carries cold inlet water deep into the tank to minimize temperature dilution of hot water.
- **CSA Certified and ASME Rated T&P Relief Valve**  
Conveniently located on the side of the tank to facilitate piping to a drain or external to the building. Also available with top T&P opening for field installed top T&P valve.
- **3/4" Water Connections**  
Located on top.
- **Anode Rod**  
Top-mounted anode for tank protection, extending the life of the tank.
- **Built-In Electric Junction Box**  
Top-located, convenient junction box, ready for 1/2" or 3/4" conduit.
- **Thermostat/High Limit Control**  
Combination control allows adjustment of water temperature while providing overheat protection.
- **Code Approvals**  
Listed to UL 174 and BOCA codes. Heaters meet the current edition Federal Energy Efficiency according to the National Appliance Energy Conservation Act (NAECA) of 1992. Heaters also meet the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1. All models are certified at 300 PSI test pressure and 150 PSI working pressure.
- **Drain Valve**  
Child-resistant, durable brass drain valve.



\*For complete warranty information consult the written warranty of American Water Heaters found at [www.americanwaterheater.com](http://www.americanwaterheater.com), or call (800) 999-9515.



MODEL NUMBER	GALLON CAPACITY	GPH RECOVERY 90° FRISE	ENERGY FACTOR	HEIGHT TO TOP OF HEATER	JACKET DIAMETER	HEIGHT TO SIDE T&P OPENING	LOADING FACTORS		APPROX. SHIPPING WEIGHT (LBS)
							53' STRAIGHT	53' DROP FRAME	
<b>6-Year Tank/6-Year Parts</b>									
E62-30H-045DV	30	20.7	0.93	45-1/4"	18"	38-1/2"	0.36	0.36	77
E62-40R-045DV	40	20.7	0.92	47-1/4"	20"	40-3/4"	0.43	0.43	99
E62-40H-045DV	40	20.7	0.92	59"	18"	52-1/2"	0.71	0.40	102
E61-50R-045DV	50	20.7	0.90	50"	20"	40-3/4"	0.43	0.43	113
E63-50R-045DCV	50	20.7	0.93	47-3/4"	24"	40-3/4"	0.67	0.69	142
E62-50H-045DV	50	20.7	0.91	58-1/2"	20"	51-1/2"	0.86	0.48	115
E63-50H-045DOV	50	20.7	0.93	59-1/4"	22"	51-1/2"	1.00	0.56	134
E62-65H-045DV	66	20.7	0.90	59-1/4"	22"	53"	1.00	0.48	152
E61-80H-045DV	80	20.7	0.86	60"	22-5/8"	52-1/8"	0.96	0.96	180
E62-80H-045DV	80	20.7	0.87	59-1/4"	24"	53"	1.33	1.33	191
E62-119R-045DV	119	20.7	0.83	61-1/2"	28"	54-3/4"	1.59	1.67	278

To order single element substitute "S" for "D" in model number. Delete "V" in model number for top T&P option, T&P opening on top of heater with the valve shipped in the box for field installation. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement. Dimensions on all charts shown in inches. 3/4" water connections on 8" center. All models are wired for non-simultaneous element operation.

### Specification

Residential electric water heater(s) shall be model \_\_\_\_\_ as manufactured by American Water Heaters, or an approved equal, and shall have a \_\_\_\_\_ - year tank warranty and a \_\_\_\_\_-year parts warranty, when installed in a residential application. Heater(s) shall have a storage capacity of \_\_\_\_\_gallons and shall have a rated input of \_\_\_\_\_kW at \_\_\_\_\_ Volts, single phase, 60 cycle AC, and shall be designed, tested and listed in accordance with Underwriter's Laboratories standard UL 174. Heaters shall meet the current edition Federal Energy Efficiency Standards according to the National Appliance Energy Conservation Act (NAECA) of 1992. Heaters shall also meet the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition ASHRAE/IESNA 90.1. The interior of the storage tank shall be lined with a Fused Ceramic Shield lining, fused to the tank at 1600°F, forming a corrosion-resistant lining; polymer linings are not acceptable. Each tank shall be furnished with an internal anode for cathodic protection. The unit must be equipped with a built-in electrical junction box. Electrical heating elements shall be screw-in, direct immersion, resistant type. Element operation shall be controlled by a thermostat for each element. A high temperature cut-off shall be supplied as an integral part of the heater. Element access panels shall be provided on the front of the heater for each element. A child resistant drain valve shall be provided on the front of each unit. The tank shall be totally encased in a metal jacket and insulated with a non-CFC foam to reduce standby heat loss. The tank must be design certified for 300 PSI test pressure and 150 PSI working pressure.

*This file was provided by ARTEC.*