



High Efficiency, Self-Cleaning Residential Electric

10-Year Limited Tank/Parts Warranty*

- **Maximum Energy Efficiency**

3 Inch "Environmentally-Friendly" non-CFC foam insulation, external heat traps and other features combine to yield a higher 0.95 Energy Factor that maximizes savings on operating costs.

- **Fused Ceramic Shield**

A tough, thick, durable coat of ceramic is fused to the tank's interior surfaces at 1600°F, forming a corrosion-resistant lining for years of dependable protection and use.

- **Self-Cleaning Diffuser Dip Tube**

Helps reduce sediment buildup inside the water heater tank to preserve high efficiency output for years of trouble-free operation.

- **Dual Incoloy Heating Elements**

Stainless steel sheathed, screw-in, direct immersion, 4500-watt, 240-volt heating elements for maximum efficiency and longer life.

- **CSA Rated 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.

- **3/4" Top Water Connections**

- **Anode Rod**

Exclusive heavy-duty magnesium anode with stainless steel core, top-mounted for added tank protection. Maximizes tank life.

- **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.

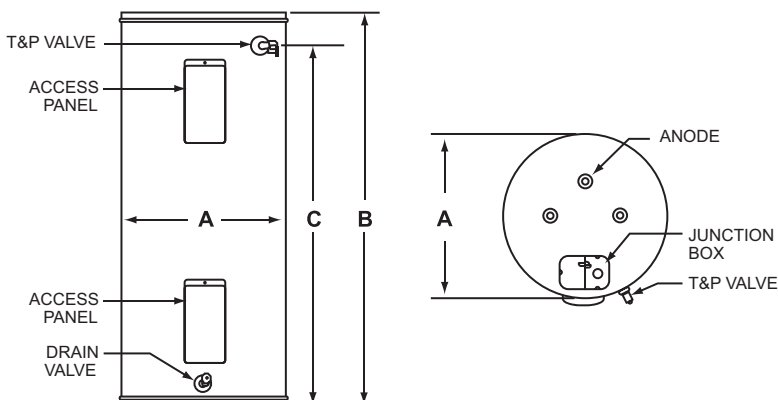
- **Durable, Tamper-Resistant Brass Drain Valve**

- **Code Compliance**

Meets the Federal Energy Efficiency Standards according to the current edition National Appliance Energy Conservation Act (NAECA) of 1992. Meet the standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IESNA 90.1, current edition of ICC and HUD standards. Certified to UL 174 for household electric water heaters.



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



MODEL NUMBER	GALLON CAPACITY	GPH RECOVERY 90° RISE	EF	JACKET DIAMETER A	HEIGHT TO TOP OF HEATER B	HEIGHT TO SIDE T&P VALVE C	APPROX. SHIPPING WEIGHT
AE103-40R-045DV	40	20.7	0.95	22-1/2	47	37-3/4	109
AE103-40H-045DV	40	20.7	0.95	20	60-1/2	53-1/2	118
AE103-50R-045DV	50	20.7	0.95	24	50	40-1/2	161
AE103-50H-045DV	50	20.7	0.95	22-1/2	57	47-1/2	134
AE103-66H-045DV	66	20.7	0.95	24	62	53	143
AE103-80H-045DV	80	20.7	0.95	26	62	52	200

Models listed above only available configured for dual, 4500W elements. 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 Federal Energy Efficiency Standards according to the current edition National Appliance Energy Conservation Act (NAECA) of 1992 and meet the standby loss requirements of the U. S. Department of Energy and current edition of 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, resistance 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 durable, tamper-resistant brass 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.

Distributed By:

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Warranty and Service

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