



Residential Electric Water Heater

SELF-CLEANING RESIDENTIAL ELECTRIC WATER HEATERS SUBMITTAL SHEET

Element Wattage & Voltage Table					
Unit Standard Voltage	Available Element Voltage				
	120	208	240	277	480
240	1650w & 2500w	1000w, 1500w 2500w, 3000w 3500w, 4000w 4500w, 5500w & 6000w	1500w, 2000w 3000w, 3800w 4500w, 5500w & 6000w	1500w, 2500w, 4500w, 6000w	2500w, 4500w, 6000w
240					
240					
240					
240	1650w & 2500w	1000w, 1500w 2500w, 3000w 3500w, 4000w 4500w, 5500w & 6000w	1500w, 2000w 3000w, 3800w 4500w, 5500w & 6000w	1500w, 2500w, 4500w, 6000w	2500w, 4500w, 6000w
240					



Some wattages are only available in incoloy.

Maximum kW Input - All Residential 40-120 Gallon Models													
Models	Voltage	Wiring	Maximum kW Input Available										
All 40-Gallon to 120-Gallon Models	120v	Interlock	-	-	1.65	2.5	-	-	-	-	-	-	-
		Simultaneous	-	-	3.3	5	-	-	-	-	-	-	-
	208v	Interlock	1	1.5	-	2.5	3	3.5	4	4.5	-	5.5	6
		Simultaneous	2	3	-	5	6	7	8	9	-	**	**
	240v	Interlock	-	1.5	2	-	3	3.8	-	4.5	-	5.5	6
		Simultaneous	-	3	4	-	6	7.6	-	9	-	11	**

- Not Available

** Simultaneous wiring not available-exceeds allowable amperage draw

SUGGESTED SPECIFICATIONS

This water heater(s) shall be A. O. Smith Model(s) No. _____ electric heater, or an approved equal. Heater(s) shall be rated at _____ kW, _____ Volts, _____ Cycle AC and listed by Underwriters' Laboratories. Heater(s) shall have a maximum working pressure of 150 psi, a nominal storage tank capacity of _____ gallons with a separate 3/4" tapping for relief valve installation. Unit shall include a rigidly supported anode rod for maximum cathodic protection. Anode rod shall be constructed of _____ material. All internal surfaces of the heater(s) exposed to water shall be coated with a glass lining composition that is fused to the tank steel. Electric heating elements shall be _____, screw-in design. Element operation shall be double element, non-simultaneous (unless ordered differently). The controls shall include a thermostat with each element and a high temperature cutoff. The jacket shall provide full size control compartments for performance of service and maintenance through front panel openings and enclose the tank with foam insulation. The drain valve shall be located in the front for ease of service. Outer jacket shall be an enamel type finish. Heater(s) shall have a _____ year limited warranty for residential installations; _____ year commercial installations as outlined in the written warranty. Fully illustrated instruction manual to be included. Code Compliance: Meets or exceeds the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992. Meets or Exceeds the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1 and current editions of ICC Code and HUD Standards.