



Residential Electric

Water Heaters

SELECT® EXPORT

TALL, SHORT AND LOWBOY MODELS AVAILABLE

IMMERSION HEATING ELEMENT

- Standard supplied with a zinc coated copper element of 4.5 kW, operating at 240 Volt. Other element options are available, depending upon model, in a range from 1.5 to 6.0 kW.

TEMPERATURE CONTROLS

- Surface mounted control thermostats with a temperature range from 43°C / 110°F to maximum 71°C / 160°F and hi-limit factory fixed setting at 83°C / 180°F.
- Thermostats are accurate to $\pm 2.5^{\circ}\text{C}$ / 5°F .

DYNACLEAN™ DIFFUSER DIP TUBE

- Carries incoming cold water from the top connection, to the bottom of the tank to minimize mixing with the hot water in the tank.
- Helps reduce lime and sediment buildup while maximizing hot water output. Made from long-lasting PEX cross-linked polymer.

COREGARD™ ANODE ROD

- Aluminum anode with stainless steel core protects tank against corrosion longer than ordinary steel anodes.

DURABLE, TAMPER-RESISTANT BRASS DRAIN VALVE

TANK CONSTRUCTION

- The internal pressure tank is constructed of heavy duty carbon steel. Maximum working pressure is rated at 150 psi / 10 bar. Test pressure per UL 174 std is 300 psi/20 Bar.

PERMAGLAS® GLASS COATING

- Specially developed glass coating protects steel tank from corrosion and maximizes tank life.
- The glass used in this water heater is manufactured by State. A continuous development and improvement process since 1936 warrants the best corrosion protective properties of our glass coating.

CSA/ASME CERTIFIED T&P RELIEF VALVE

- Factory installed, side-mounted T&P safety relief valve is standard on all models.
- Top-mounted T&P Relief Valve available as option on select models.

HEAT TRAPS

- All models are equipped with factory installed heat traps on the inlet and outlet connections to improve energy efficiency.

CODE COMPLIANCE:

- Meets the Federal Energy Efficiency Standards according to the 2004 edition of the National Appliance Energy Conservation Act (NAECA) of 1992. And also Meets the standby loss requirements of the U. S. Department of Energy and Current Edition of ASHRAE/IES 90.1.

CERTIFICATIONS

- Residential export water heaters comply with UL 174, SASO, GSO, PAI and IEC 60335-2-21.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information on limited warranties, consult written warranty, or contact the State Customer Care Center, 1-800-365-0024.



SOLID. STATE.



Residential Electric Water Heaters

Model Number	Gallon Capacity	Litres	Energy Factor	First Hour Rating Gallon	Element Wattage		Recovery @ 90°F Rise Gallons Per Hour	Water Connection	Dimensions in Inches			Approx. Shipping Weight (lbs)
					Standard	Maximum			A	B	C	
TALL MODELS												
ES6 30 DORTU	30	114	0.93	43	4500	6000	21	Top	46-1/2	39-1/2	18	90
ES6 40 DORTU	40	151	0.92	52	4500	6000	21	Top	59-1/2	53-1/2	18	106
ES6 52 DORTU	50	189	0.91	60	4500	6000	21	Top	58-1/4	51-1/2	20	116
ES6 55 DORTU	55	208	0.90	67	4500	6000	21	Top	56-1/2	48-1/2	22	134
ES6 66 DORTU	66	250	0.88	72	4500	6000	21	Top	60	53	20-1/2	178
ES6 80 DORTU	80	303	0.86	81	4500	6000	21	Top	60-1/2	52	22-1/2	208
ES6 120 DORTU*	119	450	0.81	112	4500	6000	21	Top	64-1/4	54-1/4	28	336
ES6 52 DOCTU	50	189	0.93	68	4500	6000	21	Top	60-1/4	51-1/4	21	164
SHORT MODELS												
ES6 30 DORSU	30	114	0.93	43	4500	6000	21	Top	39	31	20	90
ES6 40 DORSU	40	151	0.92	52	4500	6000	21	Top	47-1/2	40-3/4	20	103
ES6 50 DORSU	50	189	0.90	60	4500	6000	21	Top	48	40-1/2	21-1/2	121
LOWBOY MODELS												
ES6 30 DOLSU	28	106	0.93	40	4500	6000	21	Top	30	22-1/2	22	91
ES6 30 SOMSU	28	106	0.93	40	4500	6000	21	Side	30	22-3/4	22	111
ES6 40 DOLNSU	38	144	0.92	48	4500	6000	21	Top	31-3/4	24-5/8	24	113
ES6 40 SOMNSU	38	144	0.92	48	4500	6000	21	Side	31-1/2	25-5/4	24	115
ES6 50 DOLSU	48	189	0.91	55	4500	6000	21	Top	34	25	26	164

Recoveries are rounded to nearest gallon, and are based upon the standard element offering

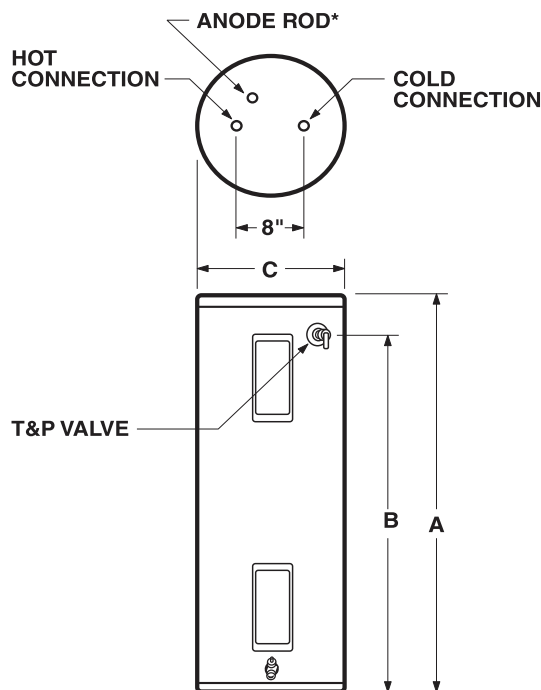
Water Connections – 3/4" on all models

*This model is not available with top-mounted T&P Valve

OPTIONS

ELEMENT OPTIONS FOR EXPORT MODELS (DEPENDENT ON MODEL AND NATIONAL CODES OF IMPORTING COUNTRY):

- Commercial grade incoloy sheathed elements with Ni-Chrome resistance wire embedded in magnesium oxide. Range 1.5 to 6.0 kW, rated 230 Volt, suitable for 220-240 Volt power supply, at added cost.
- Commercial grade incoloy sheathed elements with Ni-Chrome resistance wire embedded in magnesium oxide, range 4.5 and 6.0 kW, rated 415 Volt, suitable for 380-415 Volt, 3 phase power supply, are available at added cost.
- Anode: coreguard anode rods with Magnesium or KA90 anodes are available at added cost.



*Location for optional top-mounted T&P Valve, if available and ordered from factory.

FOR MORE INFORMATION ON SELECT® CONTACT: STATE WATER HEATERS 500 TENNESSEE WALTZ PARKWAY, ASHLAND CITY, TN 37015 • 800-365-0024 TOLL-FREE USA • STATEWATERHEATERS.COM