

# PROMAX RESIDENTIAL ELECTRIC WATER HEATER

ECT - 30/40/52/55/66/80/120

ECS/ECL/ECJ - 30/40/50



Tall, short and lowboy models available.

- Commercial grade incoloy sheathed elements with Ni-Chrome resistance wire embedded in magnesium oxide. Range 1.5 to 4.5 kW, rated 230 Volt, suitable for 220-240 Volt power supply
- 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  $\pm 2.5^{\circ}\text{C}/5^{\circ}\text{F}$ .
- 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.
- Our Coregard™ magnesium anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.
- Durable, tamper-resistant brass drain valve
- The internal pressure tank is constructed of heavy duty carbon steel. Maximum working pressure is rated at 150psi/10bar. Test pressure per UL 174 std is 300psi/20bar.
- Specially developed glass coating protects steel tank from corrosion and maximizes tank life.
- Factory installed, side-mounted, CSA/ASME certified T&P safety relief valve is standard on all models.
- 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 the standby loss requirements of the U. S. Department of Energy and Current Edition of ASHRAE/IES 90.1.
- Residential export water heaters comply with UL 174, GSO, PAI and IEC 60335-2-21. Only models with standard kW are registered for SASO energy labels
- Limited warranty 6 years on the tank and 6 years on the parts



هيئة التقييس  
لدول مجلس التعاون لدول الخليج العربية  
GCC Standardization Organization



الهيئة السعودية للمواصفات والمقاييس والجودة  
Saudi Standards, Metrology and Quality Org.

Model number	Gallon capacity	Energy factor	First Hour Rating (Gallons)	Element wattage	Recovery @ 90°F Rise Gallons Per Hour	Water Connection	Dimensions in Inches			Approx. Shipping Weight (lbs)
							A	B	C	
Tall Models										
ECT-30X	28	0.93	43	3500	21	Top	46-1/2	39-1/2	18	90
ECT-40X	36	0.92	52	3500	21	Top	59-1/2	53-1/2	18	106
ECT-52X	45	0.91	60	4500	21	Top	58-1/4	51-1/2	20	116
ECT-55X	54	0.90	67	4500	21	Top	56-1/2	48-1/2	22	175
ECT-66X	60	0.88	72	4500	21	Top	60	53	20-1/2	178
ECT-80X	73	0.86	81	4500	21	Top	60-1/2	52	22-1/2	188
ECT-120X	106	0.83	112	4500	21	Top	61-1/2	54-3/4	28	268
Short Models										
ECS-30X	26	0.93	43	4500	21	Top	39	31	20	94
ECS-40X	36	0.92	52	4500	21	Top	47-1/2	40-3/4	20	103
ECS-50X	46	0.90	60	4500	21	Top	48	40-1/3	21-1/2	121
Lowboy Models										
ECL-30X	28	0.93		4500	21	Top	30	22-1/2	22	91
ECJ-30X	28	0.93		4500	21	Top	30	22-3/4	22	111
ECLN-40X	38	0.92		4500	21	Top	31-5/8	24	24-1/4	113
ELJN-40X	38	0.92		4500	21	Top	31-1/2	25-5/8	24	115
ECJN-40X	38	0.93		4500	21	Side	31-1/2	25-5/8	24	113
ECL-50X	48	0.91		4500	21	Top	31-5/8	26	24-1/4	133

Recoveries are rounded to nearest gallon, and are based upon the standard element offering.  
Water connections – 3/4" on all models.

### OPTIONS

Element options for export models (depending on model and National Codes of importing country):

- Commercial grade incoloy sheathed elements with Ni-Chrome resistance wire embedded in magnesium oxide, range 4.5 and 3.0kW, rated 415 Volt, suitable for 380-415 Volt, 3 phase power supply, are available at added cost.

