



**Heavyweight Electric**

*Heavyweight electrics provide versatile performance. General-use water heaters are ideal for applications requiring large quantities of hot water.*

Suitable for general hot water applications. Surface mounted thermostats. ASME products also available at additional charge.

- **System Sentinel™ Diagnostic System** - a Rheem exclusive! LED lights monitor the on-off function of each heating element. Pinpoints the nonfunctioning element, saving service time and cost.
- **Corrosion-resistant tank**, featuring exclusive steel formulation with high-temperature porcelain enamel coating - built to last for years.
- **Lifeguard™ Stainless Steel Element** - Covered by a three-year warranty, Lifeguard's low-watt density design minimizes sediment buildup and extends the life of the water heater.
- **Double anode protection:** Two heavy-duty magnesium anode rods help resist corrosion and extend tank life.
- **Energy-saving insulation:** 3" of polyurethane foam cover 85% of the tank surface area, keeping heat in the tank to lower operation costs.
- **Standard Voltage is 208V/240V:** Other voltage options are available at additional cost.
- **Units are Wired for 3 Phase:** Can be changed to 1-Phase in the field.



Model No.	Cap. Gal.	Wattage	100°F Rise GPH	Wt. (Lbs.)
HU ES50-6G	50	6 kW	25	241
HU ES50-9-G	50	9 kW	37	241
HU ES50-12-G	50	12 kW	49	241
HU ES50-18-G	50	18 kW	74	241
HU ES50-24-G	50	24 kW	98	241
HU ES50-27G	50	27 kW	111	241
HU ES50-30-G	50	30 kW	123	241
HU ES50-36-G	50	36 kW	147	241
HU ES50-45-G	50	45 kW	184	241
HU ES50-54-G	50	54 kW	221	241
HU ES85-6-G	85	6 kW	25	332
HU ES85-9-G	85	9 kW	37	332
HU ES85-12-G	85	12 kW	49	332
HU ES85-15-G	85	15 kW	61	332
HU ES85-18-G	85	18 kW	74	332
HU ES85-24-G	85	24 kW	98	332
HU ES85-27-G	85	27 kW	111	332
HU ES85-30-G	85	30 kW	123	332
HU ES85-36-G	85	36 kW	147	332
HU ES85-45-G	85	45 kW	184	332
HU ES85-54-G	85	54 kW	221	332
HU ES120-6-G	120	6 kW	25	408
HU ES120-9-G	120	9 kW	37	408
HU ES120-12-G	120	12 kW	49	408
HU ES120-18-G	120	18 kW	74	408
HU ES120-24-G	120	24 kW	98	408
HU ES120-27-G	120	27 kW	111	408
HU ES120-30-G	120	30 kW	123	408
HU ES120-36-G	120	36 kW	147	408
HU ES120-45-G	120	45 kW	184	408
HU ES120-54-G	120	54 kW	221	408

Model No.	Cap. Gal.	Input kW	Height Inches	Width Inches	Depth Inches	Wt. (Lbs.)
HU ES50	50	6-54	43-5/8	26-1/4	32	241
HU ES85	85	6-54	57-11/16	28-1/4	34	332
HU ES120	120	6-54	57-11/16	28-1/4	34	408

**3-Year Limited Tank Warranty**  
**1 Year Limited Parts Warranty**



**Commercial Storage Tanks**

**80, 115 & 175 Gallon**

**RHEEM-RUUD Commercial Storage Tanks** are vertical tanks designed for applications that require large quantities of hot water in short periods of time. When used in tandem with Commercial water heating equipment, these storage tanks provide the flexibility needed for many Commercial applications. Installed individually or in parallel manifold, these storage tanks can provide 80% draw capability without an appreciable temperature decrease in single temperature applications.

**LONG LIFE TANK DESIGN** - Proprietary steel formulation with two coats of high temperature porcelain enamel to maximize corrosion resistance resulting in a superior tank design. Two heavy-duty magnesium anode rods are installed for longer tank life.

**SPACE SAVING DESIGN** - Unlike other storage tanks, the ST80 and ST120 can pass through a 30" opening and the ST175 only requires a 33" opening - ideal for boiler room doors.

**EFFICIENT DESIGN** - 2" of rigid polyurethane foam insulation provides superior insulating qualities resulting in reduced operating costs. Our patented process of injecting foam into the insulating cavity adds additional durability and toughness to the baked enamel, steel outer jacket.

**TANK OPENINGS** - Circulating line connections and hot outlet are 2" NPT on the ST80 and ST120 and 2-1/2" NPT on the ST175. Other openings are provided for relief valve and temperature control. ST175 is equipped with a hand-hole cleanout.



Tank Information (English & Metric)						
Model Number	Tank Capacity		Ht.	Dia.	Maximum Working Pressure	
	Gallons	Liters			STD.	ASME
ST80	80	303	58-5/16"	24-7/16"	150 PSI	125 PSI
ST120	115	435	59-1/4"	28-1/4"	1034kPa	862 kPa
					150 PSI	160 PSI
ST175	175	662	67-1/4"	32-1/4"	1034 kPa	1103 kPa
					150 PSI	150 PSI
					1034 KPa	1034 kPa

Model No.	Capacity Gallons		Wt. Lbs
HU ST80	80	Non-ASME	220
HU ST80A	80	ASME	260
HU ST120	115	Non-ASME	300
HU ST120A	115	ASME	340
HU ST175	175	Non-ASME	600
HU ST175A	175	ASME	600