



## Light service commercial electric line designed specifically for any application needing moderate amounts of hot water

### Features & Benefits

Our family of light service electric water heaters come in 65, 80 and 119.9-gallon models. They are available in 12.1kW and in 277 voltage. Deliver water up to 181° F. These units are suited for a wide variety of applications such as retail stores and small offices.

### Long Life Tank Design

Proprietary steel formulation with a unique coat of high temperature porcelain enamel maximizes corrosion resistance of the tank. This prolongs the effective life of the anode rod and in turn, the life of the tank.

### Long Life Heating Elements

Our patented resistor elements are designed with a specially treated, double layer of magnesium oxide and copper to resist corrosion. Replacement elements screw in easily.

### Wiring Options

Simultaneous wiring, single phase

### Efficient Design

2-1/2" of rigid polyurethane foam insulation provides superior insulating qualities resulting in reduced operating costs.

### Automatic Temperature Control

A surface mounted thermostat automatically cycles on and off to maintain the water temperature at a desired preset level.

### Durable Brass Drain Valve

Factory installed brass drain valve allows for faster draining and servicing.

### Warranty

6-Year limited tank warranty for applications

See Warranty Certificate for complete information.

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### Consult factory for certification listing.

**Safety and Construction** | These products are design certified by Underwriters Laboratories (UL) to meet UL safety standards as electric storage tank water heaters. All models are North Carolina and Massachusetts Code compliant. **Certified for 150 PSI maximum working pressure.**

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**Ruud Light Service**  
65, 80 and 119.9-gallon  
Capacities  
12.1kW  
277 Voltage

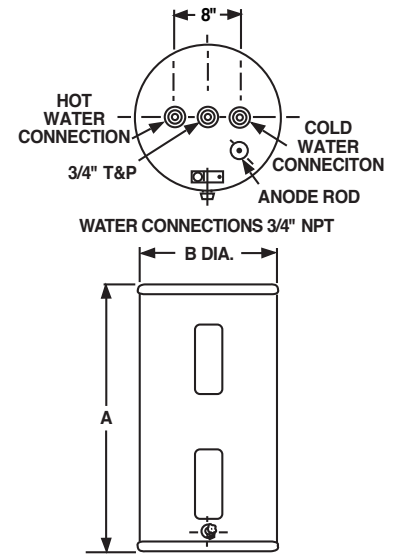


See specifications chart on back.



Light Service Electric Water Heaters

<b>DIMENSIONAL INFORMATION</b> (All dimensions shown in English and Metric)									
MODEL NUMBER	MAX. WATTS	TANK CAPACITY		A		B		APPROX. SHIPPING WT.	
		GALLONS	LITERS	inches	mm	inches	mm	lbs.	kgs.
ELD66-D	12,100	65	246	58-3/4	1492	23	584	170	77
ELD80-D	12,100	80	303	59	1499	24-1/2	622	200	9
ELD120-D	12,100	119.9	454	62-1/2	1586	28-1/4	718	330	150



<b>ELECTRICAL CHARACTERISTICS</b>	
ELEMENT WATTAGE (UPPER/LOWER)	SIMULTANEOUS WIRING
	2-WIRE SINGLE PHASE OPERATION FULL LOAD CURRENT IN AMPERES (ALL TERMINALS)
	277V
6,050/6,050	21.7

<b>RECOVERY CAPACITIES</b>										
(Recovery in U.S. Gallons/Hr. (GPH) and Liters/Hr. (LPH) at various temperature rises)										
ELEMENT WATTAGE UPPER/LOWER	SIMULTANEOUS WIRING									
	40°F / (22°C)		60°F / (33°C)		80°F / (45°C)		100°F / (56°C)		120°F / (67°C)	
	GPH	LPH	GPH	LPH	GPH	LPH	GPH	LPH	GPH	LPH
6050/6050	122	460	81	307	61	230	49	184	41	153

**Recommended Specifications (for trade reference only)**

Water heater(s) shall be model \_\_\_\_\_, manufactured by Ruud, having electrical input of \_\_\_\_\_ kW and a recovery rate of \_\_\_\_\_ GPH at a 100°F temperature rise. Water heater(s) shall have a storage capacity of \_\_\_\_\_ gallons. Water heater(s) shall have the UL seal of certification and be factory equipped with an CSA/ASME rated temperature and pressure relief valve. Tank(s) interior shall be coated with a high temperature porcelain

enamel and furnished with a magnesium anode rod rigidly supported. Water heater(s) shall meet or exceed the energy factor requirements of ASHRAE. Tanks shall have a working pressure rating of 150 psi, and shall be completely assembled. Water heater(s) shall be equipped with copper, resistered, "screw-in" type elements. Tank shall be insulated with 2-1/2" of rigid polyurethane foam insulation. Water heater(s) shall be equipped with surface mounted thermostats each with an integral, manual reset, high limit control. Water heater(s) shall be covered by a three year limited warranty against tank leaks.

*In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice.*