



Water

Commercial Electric
Light Service Water Heaters

The new degree of comfort.®

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 commercial applications

See Warranty Certificate for complete information.

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.**



Rheem Light Service

65, 80 and 119.9-gallon
Capacities
12.1kW
277 Voltage



See specifications chart on back.



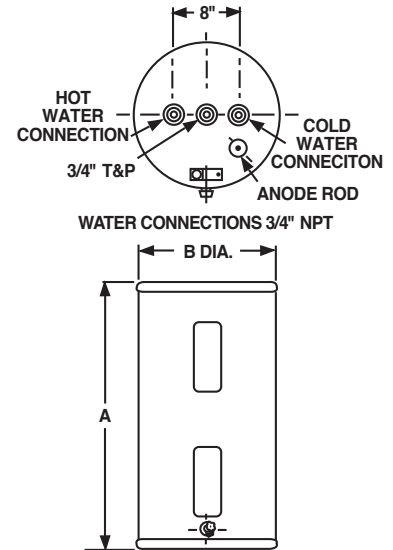
INTEGRATED AIR & WATER



The new degree of comfort.



DIMENSIONAL INFORMATION (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



ELECTRICAL CHARACTERISTICS	
ELEMENT WATTAGE (UPPER/LOWER)	SIMULTANEOUS WIRING
	4-WIRE SINGLE PHASE OPERATION FULL LOAD CURRENT IN AMPERES (ALL TERMINALS)
	277V
6,050/6,050	44

RECOVERY CAPACITIES										
(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 Rheem, 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, resistored, "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, Rheem reserves the right to make changes without notice.

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