Point -of-Use Water Heaters

Point-of-Use commercial electric line is designed to provide hot water at the consumption point, eliminating costly temperature loss in long piping runs

Features & Benefits

Our family of point-of-use electric water heaters come in 2.5, 6, 10, 15, 19.9 and 30-gallon models. They are available in 1440 W through 6000 W and in 120, 208, 240, 277 and 480 voltages with a maximum temperature setting of 170° F. These units are suited for a wide variety of applications and small enouth for installatioin in limited spaces where modest quantities of hot water are required.

Long Life Tank Design

Proprietary steel formulation with a unique coat of high temperature porcelain enamel maximizes corrosion resistance of the tank. Our R-Tech anode rod provides advanced technology and equalizes aggressive water action. 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.

Efficient Design

Rigid polyurethane foam insulation provides superior insulating qualities resulting in reduced operating costs.

Optional Wall Mount Kit

The wall mounting kit provides an easy way to mount the unit off the floor, out of the way for more useable floor space in a small area. Each kit is designed to be used on walls with 16" stud centers. All necessary parts are included in this easy to install kit. (Note: The 2-1/2 gallon model comes standard with a wall mounting kit.)

Automatic Temperature Control

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

Temperature Limiting Control

Automatically and safely cuts off the power in the unlikely event that the water temperature exceeds 190°F.

Temperature and Pressure Relief Valve

CSA/ASME rated and factory installed.

Warranty

3-Year limited tank warranty

See Commercial Warranty Certificate for complete information.

Efficiency | These models have been tested according to DOE test procedures, and exceed the minimum energy factor requirements of ASHRAE (Part of the Federally mandated Energy Policy Act (EPact)).

Also exceeds energy efficiency codes of all states including California Energy Commission (CEC).

Safety and Construction | These products are design certified by Underwriters Laboratories (UL) to meet UL standard 174 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
Point-of-Use
2.5 to 30-Gallon Capacities
1.5 kW through 6 kW
120, 208, 240, 277 and 480 Voltages
Single Phase
Electric

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Point -of-Use Water Heaters

DIMENSIONAL INFORMATION (All dimensions shown in inches)

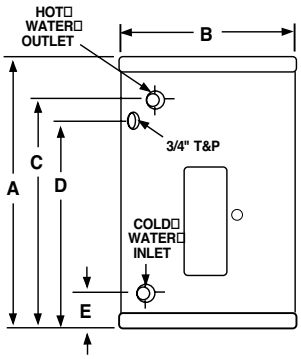
MODEL	MIN WATTS	MAX WATTS	TANK GALLONS	A	B	C	D	E	SHIPPING WEIGHT (LBS.)
EGSP2	1,440	1,500	2-1/2	14	9-3/4	—	—	—	18
EGSP6	1,500	6,000	6	15-1/8	15-3/4	12-5/8	11-5/8	4-1/4	41
EGSP10	1,500	6,000	10	22-7/8	15-3/4	20-3/8	19-3/8	4-1/4	53
EGSP15	1,500	6,000	15	24-1/4	17-3/4	21-7/8	19-3/8	4-5/8	65
EGSP20	1,500	6,000	19.9	25-1/8	19-3/4	22-5/8	19-5/8	5-1/8	76
EGSP30	1,500	6,000	30	30	21-3/4	23	23	2-3/4	115

Water Temp. Ratings:	Thermostat Type: Surface Mounted	Min. Delivered Temperature: 110° F	Max. Delivered Temperature: 170° F	High Temperature Limit: 190° F

NOTE: Basic model numbers are listed. When ordering, specify electrical input and kW to determine specific model number.

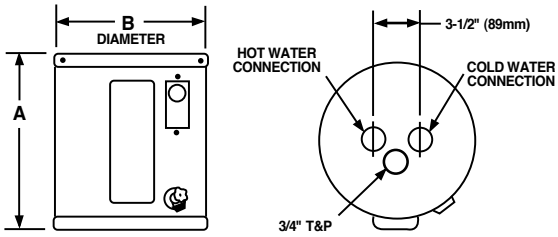
Models:
EGSP6
EGSP10
EGSP15
EGSP20
EGSP30

Water Connections
3/4" NPT



Model:
EGSP2

Water Connections
1/2" NPT



ELEMENT AVAILABILITY

WATTAGE	120 V	208 V	240 V	277 V	480 V
1,440	**Y	N/A	N/A	N/A	N/A
1,500	Y	Y	**Y	N/A	N/A
2,000	Y	Y	Y	Y	Y
2,500	Y	Y	Y	N/A	N/A
3,000	Y	Y	Y	Y	Y
4,500	N/A	Y	*Y	*Y	*Y
6,000	N/A	Y	Y	Y	Y

*Not available in EGSP6 & EGSP10
**EGSP2 available only in these configurations.

ELECTRICAL CHARACTERISTICS

ELEMENT WATTAGE	FULL LOAD CURRENT IN AMPERES				
	120 V	208 V	240 V	277 V	480 V
1,440	12.0	N/A	N/A	N/A	N/A
1,500	12.5	7.2	6.3	N/A	N/A
2,000	16.7	9.6	8.3	7.2	4.2
2,500	20.8	12.0	10.4	N/A	N/A
3,000	25.0	14.4	12.5	10.8	6.3
4,500	N/A	21.6	18.8	16.2	9.4
6,000	N/A	28.8	25.0	21.7	12.5

All models employ 1 heating element resulting in a 2-wire outlet (single phase) electrical configuration.

RECOVERY CAPACITIES

ELEMENT WATTAGE	TEMPERATURE RISE - DEGREES F - GALLONS PER HOUR					
	40°F	60°F	80°F	100°F	120°F	140°F
1,440	15	10	7	6	5	4
1,500	15	10	8	6	5	4
2,000	20	14	10	8	7	6
2,500	25	17	13	10	8	–
3,000	30	20	15	12	10	9
4,500	46	30	23	18	15	13
6,000	61	41	30	24	20	17

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 an R-Tech resistored 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 a copper, resistored, “screw-in” type element. Tank shall be insulated with rigid polyurethane foam insulation. Water heater(s) shall be equipped with a surface mounted thermostat 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.

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