



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 for 6-30 gallon models and 150°F for the 2.5 gallon model. These units are suited for a wide variety of applications and small enough for installation 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 heavy duty 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.



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



NEW UL Approved Electric Conversion Kits

- Provides an easy way to convert standard models to different wattages, volt or phase depending on installation requirements
- Kits are designed for EGSP models in all gallon capacities
- All parts needed for the electric conversion are included with Ruud electric conversion kits
- Ruud electric conversion kits provide convenience for contractors, plumbers and installers which saves time and money

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.**

Continued next page

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 | 32 | 22-1/4 | 23 | 23 | 3 | 115 |

Water Temp. Ratings: Thermostat Type: Surface Mounted
 Min. Delivered Temperature: 110° F
 Max. Delivered Temperature: 170°F (6-30 Gallon Models) 150°F (2.5 Gallon Model)
 High Temperature Limit: 190° F

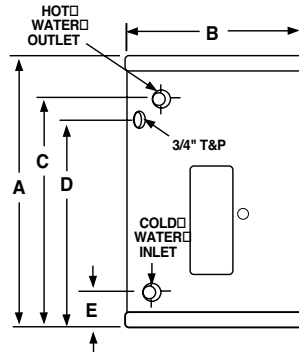
| ELEMENT AVAILABILITY | | | | | |
|----------------------|-------|-------|-------|-------|-------|
| WATTAGE | 120 V | 208 V | 240 V | 277 V | 480 V |
| 1,440 | **Y | N/A | N/A | N/A | N/A |
| 1,500 | Y | Y | **Y | N/A | N/A |
| 2,000 | Y | Y | Y | Y | Y |
| 2,500 | Y | Y | Y | N/A | N/A |
| 3,000 | 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.

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

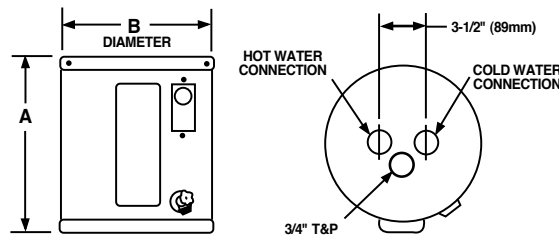
Models:
 EGSP6
 EGSP10
 EGSP15
 EGSP20
 EGSP30

Water Connections
 3/4" NPT



Model:
 EGSP2

Water Connections
 1/2" NPT



| 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 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 a copper, resistered, "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.