

UTILITY DEMAND RESPONSE & THERMAL ENERGY STORAGE

INSTALLS LIKE STANDARD ELECTRIC WATER HEATER

- Can be used as a drop in replacement with legacy remote controlled relay systems.

SECURE DIGITAL KEY

- Heater is designed to be installed in utility demand response programs. By law, the lower element is disabled when shipped from the factory.
- The digital key enables the lower element in less than a minute and is sold exclusively to utilities.
- Digital key has unique identification code that is stored in heater and can be easily retrieved to discourage unauthorized use.

FUTURE-PROOFING COMMUNICATION TECHNOLOGY

- Optional smart 2 way communication via A. O. Smith Wi-Fi module or universal CTA-2045 port adapter.
- Continuous reporting of energy storage capacity in kWhs allows for advance planning of shed load and add load energy storage events.
- Technology ensures customer has hot water to reduce program drop out.

HIGH UNIFORM ENERGY FACTOR (UEF)

- Eco-friendly non-CFC foam insulation, external heat traps and other features combine to yield a higher UEF that maximizes savings on operating costs.

BLUE DIAMOND® GLASS COATING

- Blue Diamond® glass coating provides superior corrosion resistance compared to industry-standard glass lining.

SELF-CLEANING DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output.
- Made from long-lasting PEX cross-linked polymer.

COMMERCIAL-GRADE HEATING ELEMENTS

- Dual 4500 watt elements for fast recovery and reliable operation.
- Stainless steel upper & lower elements last longer than a standard copper element.

ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

DURABLE, TAMPER-RESISTANT BRASS BALL TYPE DRAIN VALVE

CSA/ASME CERTIFIED SIDE-MOUNTED T&P RELIEF VALVE

CODE COMPLIANCE

- Meets UBC and ICC National Codes and listed with CEC.
- This product complies with the minimum federal energy conservation standard and technology requirements for Grid-Enabled Water Heaters found at 42 U.S.C. 6295(e)(6).

ACCESSORIES

- CTA-2045 port adapter

WARRANTY

- EGT-80 has a 6 year limited tank and parts warranty.
- PGT-80 has a 10 year limited tank and parts warranty.





GRID-ENABLED RESIDENTIAL ELECTRIC WATER HEATER

Model Number	First Hour Rating Gallons	Uniform Energy Factor	Nominal Capacity Gallons	Rated Storage Volume Gallons	Element Wattage 240V	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
							A	B	C	
EGT-80	80	0.92	80	78	4500	21	64.5	56	26	198
PGT-80	80	0.92	80	78	4500	21	64.5	56	26	198

Water connections: ¾" male NPT.
Top-mounted T&P valve not available.

