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

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

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