The Water Heater Evolved.

Introducing trutankless – the most innovative tankless water heating technology. For years, we’ve worked closely with industry professionals to gather insights into tankless heating systems. The result? Cutting-edge technology that takes the tankless industry to a new level of sophistication. Energy conservation, long-term savings and endless hot water are what your customers want and that’s exactly what our forward-thinking system delivers.

Notable Features

- .99 Energy Factor Rating
- Self-flushing design eliminates most maintenance requirements
- Comfort and economy modes
- Ceramic insulation over robust copper heat exchanger
- Custom Incoloy 9000 elements from Zoppas Industries – superior hard water performance and longevity
- Threaded elements for ease of service or replacement
- Safety redundancy – temperature and pressure relief, solid-state relays and software monitoring
- Freeze protection
- Each unit is pressure tested at the factory
- Load balancing – multiple units will communicate to manage power consumption across system
- Load shedding – reduce peak power consumption by managing other high demand appliances
- Smart grid capable – compatible with existing grid management infrastructure
- Leak detection shuts down heating elements
- Easy to specify with full suite of design files
- Compatible with Recirculation Pumps > .2GPM

State of the Art Features

- Plug & Play Set-up: Unit detects and supports voltages ranging from 220-240 VAC
- Wi-Fi compatible
- Compatible with home automation
- Remote firmware updates
- Installer Dashboard
  - Automates service call notifications
  - Offers real-time support
  - Usage log and fault history available
  - Digital Documentation Resources
- User App (Available for iOS and Android phones and tablets)
  - Remote temperature setting
  - Leak detection with notification
  - Error notifications
  - Usage Reports

Warranty

- Lifetime Limited Warranty on Heat Exchanger
- 5-Year Parts Warranty
Specifications

Electrical Data
- Voltage: 220 - 240 VAC
- Phase: Single, 50/60 Hz
- Wattage: 14.4 - 36.0 kW
- Max. Amp. Load: 160A
- Min. Circuit Breaker Size: (See Table)
- Required Wire Size: (See Table)

Inlet Water Data
- Max. Inlet Temperature °F (°C): 131 (55)
- Water Flow to Activate Unit = GPM (=LPM): 0.2 (.76)
- Max. GPM = GPM (= LPM): 7.5 (28)
- Max. Working Pressure PSI (bar): 80 (5.5)
- Tested to Pressure PSI (bar): 150 (10.34)

Specifications

<table>
<thead>
<tr>
<th>MAX kW Setting</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Amperage</th>
<th>Voltage Range</th>
<th>kW Range</th>
<th>Main Panel Size</th>
<th>Breakers (two pole)</th>
<th>*Wire</th>
<th>Plumbing Fittings</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 kW</td>
<td>17.2&quot;</td>
<td>23.74&quot;</td>
<td>5.5&quot;</td>
<td>35.3 lbs</td>
<td>160</td>
<td>220 - 240</td>
<td>31.8 - 36.0</td>
<td>300+ Amp</td>
<td>(2) 80A</td>
<td>(4) 1/0</td>
<td>Threaded 3/4&quot; NPT</td>
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<tr>
<td>29 kW</td>
<td>17.2&quot;</td>
<td>23.74&quot;</td>
<td>5.5&quot;</td>
<td>35.3 lbs</td>
<td>120</td>
<td>220 - 240</td>
<td>26.4 - 28.8</td>
<td>200 Amp</td>
<td>(1) 125A</td>
<td>(2) #2 AWG</td>
<td>Threaded 3/4&quot; NPT</td>
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<tr>
<td>24 kW</td>
<td>17.2&quot;</td>
<td>23.74&quot;</td>
<td>5.5&quot;</td>
<td>35.3 lbs</td>
<td>100</td>
<td>220 - 240</td>
<td>22.0 - 24.0</td>
<td>200 Amp</td>
<td>(1) 100 A</td>
<td>(2) #2 AWG</td>
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<tr>
<td>20 kW</td>
<td>17.2&quot;</td>
<td>23.74&quot;</td>
<td>5.5&quot;</td>
<td>35.3 lbs</td>
<td>80</td>
<td>220 - 240</td>
<td>17.6 - 19.2</td>
<td>150A</td>
<td>(1) 80A</td>
<td>(2) #4 AWG</td>
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<tr>
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<td>23.74&quot;</td>
<td>5.5&quot;</td>
<td>35.3 lbs</td>
<td>60</td>
<td>220 - 240</td>
<td>13.2 - 14.4</td>
<td>125A</td>
<td>(1) 60A</td>
<td>(2) #6 AWG</td>
<td>Threaded 3/4&quot; NPT</td>
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</table>

*Sizing Chart (F˚ / GPM)

<table>
<thead>
<tr>
<th>MAX kW Setting</th>
<th>75˚ Rise</th>
<th>65˚ Rise</th>
<th>55˚ Rise</th>
<th>45˚ Rise</th>
<th>35˚ Rise</th>
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<tbody>
<tr>
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<td>3.0</td>
<td>3.5</td>
<td>4.4</td>
<td>5.3</td>
<td>7.5</td>
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<tr>
<td>29 kW</td>
<td>2.4</td>
<td>2.8</td>
<td>3.3</td>
<td>4.0</td>
<td>5.9</td>
</tr>
<tr>
<td>24 kW</td>
<td>2.0</td>
<td>2.4</td>
<td>2.7</td>
<td>3.3</td>
<td>4.9</td>
</tr>
<tr>
<td>20 kW</td>
<td>1.7</td>
<td>2.0</td>
<td>2.2</td>
<td>2.6</td>
<td>3.9</td>
</tr>
<tr>
<td>14 kW</td>
<td>1.3</td>
<td>1.5</td>
<td>1.6</td>
<td>2.0</td>
<td>2.9</td>
</tr>
</tbody>
</table>

Certifications
- ETL
- PH
- ASPE
- NAHB
- NKBA
- PHCC

Membership and Associations
- Call 855-TO-BUY TRU to learn about the company’s complete residential and commercial lineup.

855-TO-BUY-TRU : trutankless.com

*Wiring: Copper recommended. Follow local and national electrical codes.

Northern Zone
- Avg. Ground Water Temp: 37°F to 51°F

Central Zone
- Avg. Ground Water Temp: 52°F to 61°F

Southern Zone
- Avg. Ground Water Temp: 62°F to 77°F