• 99% Thermal Transfer Efficiency

• 30-40% Energy Savings vs. Conventional Heaters

• Versatile – Potable Water, Buffer Tank, Pool Heater, Sanitization, or Glycol Zone
  – Natural Gas, Propane, Oil, Electric or Solar

• 2.5 Times the Output of Stainless Steel Indirects

• Instantaneous and Continuous
  – No Storage/No Recovery Time

• Minimizes Potential for Lime Scaling

• Maintenance and Corrosion Free Tank Design
  – No Anodes to Replace
  – No Interior Lining To Repair

• 10-Year Commercial Limited Warranty
  Best in Industry!

• Designed and Made in the U.S.A.
Ever wonder why traditional storage tank-type water heating systems need recovery time or why you heat an entire tank to be sure you have enough hot water? H2OMax’s unique injection system with extended heating surface allows for 99% thermal transfer efficiency providing hot water supply immediately, and continuously, without the need for storage, or waiting for tank recovery. This “on demand” approach reduces overall consumption (30% energy savings) while saving valuable floor space (up to 75%) over storage tank-type water systems. H2OMax’s tankless design eliminates the need for maintenance. Turbulence from inside the tank minimizes the potential for scaling, ensuring product longevity without sacrificial anodes or special protective linings.

99% Thermal Transfer Efficiency
Copper, contrary to stainless steel, has the highest thermal conductivity of any other material to effectively & efficiently transfer heat into cold water.

High Output
Simply stated, more coiled copper tubing is used to produce up to 2.5x more output of same-sized stainless steel indirect water heaters.

H2OMax's high performance with distinctive design, all in a compact package, provides versatility by transforming itself into multiple heat generation sources for any application where hot water is used.

Maintenance and Corrosion Free
H2OMax's tankless design doesn't require a sacrificial anode or interior lining to protect against corrosion, eliminating the need for maintenance and promoting longevity over other products.

Instantaneous
Always hot and ready to go. H2OMax's “on demand” approach provides hot water when needed and continuously, reducing consumption (30-40% energy savings) and eliminating the need for storage or recovery time.
Boiler Water
Thermal storage inside tank provides instant heat in seconds and helps buffer low mass, high efficiency boilers from short cycling.

Turbulence
From top to bottom, designed turbulence promotes heat transfer, reduces tank stratification and thermal stress, and minimizes the potential for scaling.

Cold Water
Unlike other indirect hot water generators, cold water travels inside the copper coils in an upward, counterflow motion, increasing heat transfer efficiency which creates scale-reducing turbulence.

Multi-Purpose
H2OMax’s versatility makes it ideal for many water or low pressure steam applications (potable water, buffer tank, pool heater, sanitation, or glycol zone) using energy from natural gas, propane, oil, electric, or solar.

Double-Wall Exempt
Boiler water inside the tank is stored at low pressure. A built-in safety valve is designed to protect the tank in the unlikely event of cold water pressure leakage from the coils.

10-Year Limited Warranty
Industry-leading commercial limited warranty instills confidence in the product’s performance and longevity.

Small Footprint
H2OMax’s compact design (4-5 sq. ft.) allows it to fit in the most challenging installation spaces. 75% less space than storage tank hot water systems!
### Ratings

**Tank Models**

<table>
<thead>
<tr>
<th>Hot Water Out</th>
<th>H26</th>
<th>H48</th>
<th>H72</th>
<th>H119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp. Rise</td>
<td>110°F</td>
<td>120°F</td>
<td>140°F</td>
<td>160°F</td>
</tr>
<tr>
<td></td>
<td>110°F</td>
<td>120°F</td>
<td>140°F</td>
<td>160°F</td>
</tr>
</tbody>
</table>

**Boiler Output** (BTU/HR) **Pump Flow** (GPM)

| 150,000 | 15 | 258 | 226 | 181 | 151 | 258 | 226 | 181 | 151 |
| 200,000 | 20 | 344 | 301 | 241 | 202 | 344 | 301 | 241 | 202 |
| 250,000 | 25 | 429 | 376 | 302 | 252 | 429 | 376 | 302 | 252 |
| 300,000 | 30 | 515 | 452 | 362 | —   | 515 | 452 | 362 | —   |
| 350,000 | 35 | 601 | 527 | 422 | —   | 601 | 527 | 422 | 353 |
| 400,000 | 40 | 687 | —   | —   | —   | 687 | 602 | 483 | —   |
| 450,000 | 45 | —   | —   | —   | —   | 773 | 678 | 543 | —   |
| 500,000 | 50 | —   | —   | —   | —   | 859 | 753 | —   | —   |
| 550,000 | 55 | —   | —   | —   | —   | 945 | 828 | —   | —   |
| 600,000 | 60 | —   | —   | —   | —   | 1,031 | 903 | 724 | — |
| 700,000 | 70 | —   | —   | —   | —   | —   | —   | 1,202 | 1,054 | 845 |
| 800,000 | 80 | —   | —   | —   | —   | —   | —   | —   | — |
| 900,000 | 90 | —   | —   | —   | —   | —   | —   | —   | — |
| 1,000,000 | 100 | —   | —   | —   | —   | —   | —   | —   | — |
| 1,050,000 | 105 | —   | —   | —   | —   | —   | —   | —   | — |

**CONTINUOUS Maximum Hot Water Produced in U.S. Gallons Per Hour (GPH)**

**Contact Thermal Solutions for Commercial Sizing Guide and other ratings**

### Typical Installation

**One Boiler, Two H2OMax Heat Exchangers**

### Standard Equipment

- Steel tank (ASME or Non-ASME)
- Jacket and insulation
- Adjustable feet for leveling / clearances
- Temperature & pressure gauge
- Relief valve
- Drain valve
- Temperature well

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