All TRIAD Systems Deliver Security

Industry Certifications
UL Listed and approved boiler/burner packages.
UL and CSA approved controls.
Burners available with CSD-1, Factory Mutual (FM) and Industrial Risk Insurers (IRI).

Safety Features
Safety Controls monitoring vessel pressure, water level, and temperature.
Construction exceeds ASME requirements.
Combustion chamber entirely surrounded by water.

<table>
<thead>
<tr>
<th>TRIAD Steam Boiler Models</th>
<th>Series 300</th>
<th>Series 600</th>
<th>Series 900</th>
<th>Series 1600</th>
<th>Series 2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiler Horsepower</td>
<td>10</td>
<td>18</td>
<td>23</td>
<td>39</td>
<td>46</td>
</tr>
<tr>
<td>Max Working Pressure</td>
<td>15 psi</td>
<td>150 psi</td>
<td>150 psi</td>
<td>150 psi</td>
<td>150 psi</td>
</tr>
<tr>
<td>Steam Output (lbs per hour)</td>
<td>343</td>
<td>608</td>
<td>717</td>
<td>1355</td>
<td>1592</td>
</tr>
<tr>
<td>Firing Rate Input (1000 BTU/HR)</td>
<td>399</td>
<td>700</td>
<td>1000</td>
<td>1700</td>
<td>2100</td>
</tr>
<tr>
<td>Boiler Diameter (width)</td>
<td>22.0”</td>
<td>30.5”</td>
<td>30.5”</td>
<td>34.5”</td>
<td>40.5”</td>
</tr>
<tr>
<td>Boiler Height to Jacket Top</td>
<td>56.5”</td>
<td>68.5”</td>
<td>68.5”</td>
<td>77.25”</td>
<td>77.25”</td>
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<tr>
<td>Vent Outlet Diameter</td>
<td>3.0”</td>
<td>8.0”</td>
<td>8.0”</td>
<td>8.0”</td>
<td>10.0”</td>
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<tr>
<td>Steam Supply Diameter</td>
<td>2.5”</td>
<td>Varies</td>
<td>Varies</td>
<td>Varies</td>
<td>Varies</td>
</tr>
<tr>
<td>Steam Supply Height</td>
<td>45.0”</td>
<td>56.5”</td>
<td>56.5”</td>
<td>67.0”</td>
<td>67.0”</td>
</tr>
<tr>
<td>3” Base Rail Length</td>
<td>30.0”</td>
<td>38.0”</td>
<td>38.0”</td>
<td>46.0”</td>
<td>54.0”</td>
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<tr>
<td>Length with rails (w/standard burner)</td>
<td>N/A</td>
<td>53.5”</td>
<td>62.0”</td>
<td>73.0”</td>
<td>75.0”</td>
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<tr>
<td>Length from jacket (w/standard burner)</td>
<td>42.0”</td>
<td>49.5”</td>
<td>66.0”</td>
<td>67.0”</td>
<td>70.0”</td>
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<tr>
<td>Water Volume</td>
<td>30 gal</td>
<td>55 gal</td>
<td>55 gal</td>
<td>90 gal</td>
<td>149 gal</td>
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<tr>
<td>Approx. Shipping Weight</td>
<td>1000 lbs</td>
<td>1400 lbs</td>
<td>1400 lbs</td>
<td>2000 lbs</td>
<td>2300 lbs</td>
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<tr>
<td>Normal Water Line to Floor</td>
<td>39.250”</td>
<td>47.625”</td>
<td>47.625”</td>
<td>55.0”</td>
<td>55.0”</td>
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<tr>
<td>Blowdown Outlet Diameter</td>
<td>¾”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
</tr>
<tr>
<td>Feedwater Inlet Diameter</td>
<td>2.5”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
</tr>
</tbody>
</table>

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Phone: 620.662.6693  Fax: 620.662.7586
www.triadroiler.com  www.superiorboiler.com

Built for Power and Performance and our customers agree.

Steam Boilers - High and Low Pressure
TRIAD’s Boilers Generate High BTU’s with a Minimum Footprint

LOWER FUEL COSTS
TRIAD boiler systems are designed to dramatically reduce cycling hours, saving money on fuel costs and wear and tear on the vessels.

HIGH SYSTEM EFFICIENCY
When sequenced with a control panel, a highly efficient "system" is created that assures the fewest number of boilers will fire for the minimum required time. Delivering too much heat is eliminated forever! Say goodbye to the days of oversized systems!

SIMPLE MAINTENANCE
Steel firetube boilers usually have lower maintenance costs than water tube or cast iron boilers. TRIAD’s design takes this a step further, with easy access to the firetubes for cleaning, replacement or re-rolling. Controls and components are all well-known and commonly available!

A Sequenced Modular Design Offering Maximum Flexibility

Create A System For Your Unique Needs!
TRIAD makes it easy to design for the precise amount of heat required. Modularity means you will never have a boiler that’s too large. Burners are available in gas, propane, oil, or dual-fuel. For difficult boiler rooms, use direct connect air intake through the sidewall!

The TRIAD Advantage

• Extremely rugged design, but very aggressively priced
• Pressures up to 150 psi
• 6 to 46 BHP
• Very small footprint for tight-fit applications
• Well-known burners from Powerflame and Riello
• Low-High-Low and modulating and dual fuel available
• Controls & components from ITT/McDonnell Miller and Honeywell

LOW PRESSURE
For Comfort Heating

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Case Studies
Visit www.triadboiler.com to review more Case Studies

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