Note: Dimensions subject to change without notice.
For ATM boiler, flue is 9” out the top, 6” if oil burner.
TRIAD BOILER SYSTEMS, INC.

SERIES 300 LOW TEMPERATURE BOILER (Model 300 LT)

The Series 300 is a steel vertical firetube packaged boiler with a water-backed combustion chamber equipped with high-efficiency turbulators. Boilers come fully wired, and fit through a 32” doorway.

**STANDARD EQUIPMENT:**
- Forced Draft or Atmospheric Burner
- Circulating Pump for Coil
- Copper coil – 60’ long, 1.25” diameter
- Honeywell Control Center
- Low Water Cut-Off
- Combination Pressure/Temperature Gauge
- Operating Light
- Relief Valve
- Second Safety High Limit with Manual Reset
- Vessel Pressure Rating of 125 PSI

**OPTIONAL EQUIPMENT:**
- Gas Fired (NG or Propane), Oil Fired, or Dual Fuel Burners
- UL and FM Compliance
- Sealed Combustion Air Intake
- Barometric Dampers
- LWCO with Manual or Auto Reset, Test Light, and/or Test Button

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Input BTU/HR</th>
<th>Output BTU/HR</th>
<th>Efficiency</th>
<th>GPM @ °F Rise</th>
</tr>
</thead>
<tbody>
<tr>
<td>210,000 ATM</td>
<td>171,990</td>
<td>82.0%</td>
<td>6.8 @ 50°F</td>
</tr>
<tr>
<td>300,000 ATM</td>
<td>240,400</td>
<td>80.1%</td>
<td>9.5 @ 50°F</td>
</tr>
<tr>
<td>210,000 HEP</td>
<td>182,280</td>
<td>86.8%</td>
<td>7.3 @ 50°F</td>
</tr>
<tr>
<td>300,000 HEP</td>
<td>255,000</td>
<td>85.0%</td>
<td>10.3 @ 50°F</td>
</tr>
<tr>
<td>375,000 HEP</td>
<td>316,000</td>
<td>84.3%</td>
<td>12.9 @ 50°F</td>
</tr>
</tbody>
</table>

Note: Typical for Natural Gas. - Oil or LP burner data may vary.

**APPLICATIONS:**
- Domestic Hot Water – typically 60°F - 130°F

**CONNECTIONS:**
- Supply & Return Openings – 1.25”

**CONTROL:**
The Series 300 can operate on its own controls, but a TRIAD microprocessor control panel is recommended for sequencing more than two boilers to minimize run-time and fuel usage.

**POWER:**
- 120V, 60Hz, Single Phase, fused for 10 amps (ATM burner) or 20 amps (Power burner).
- Min / Max gas pressure typically 5” / 14” WC.

**WEIGHT/VOLUME:**
- Shipping Weight - 750 lbs.
- Operating Weight - 1040 lbs.
- Vessel Water Volume - 35 Gallons

Factory built copper or steel mains available upon request.

TRIAD BOILER REPRESENTATIVE:

TRIAD Boiler Systems, Inc.
West Chicago, IL  60185
Phone: 630-562-2700
Fax: 630-562-2800
Web: www.triadboiler.com