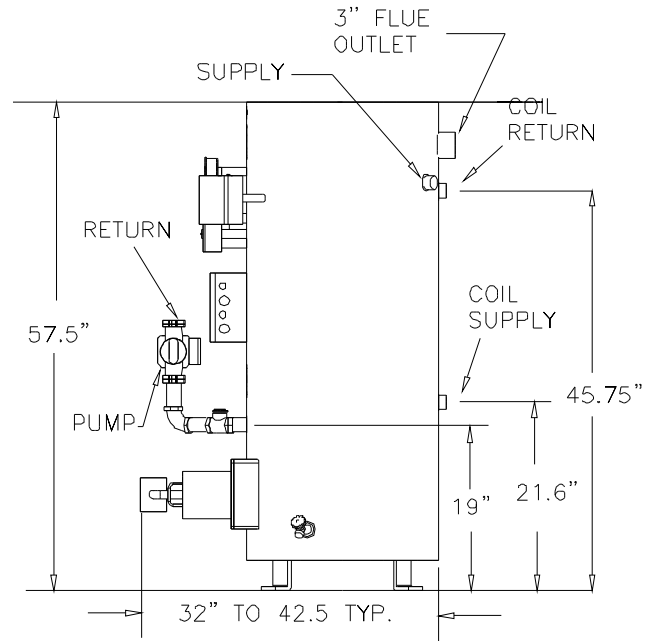
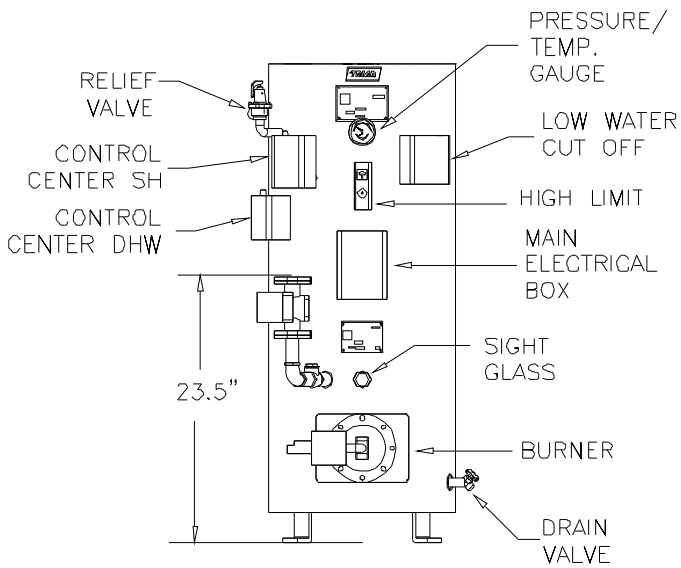
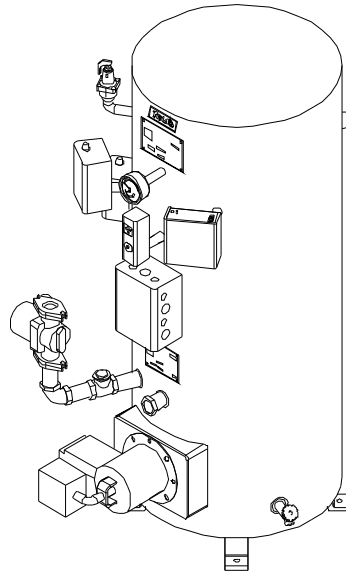
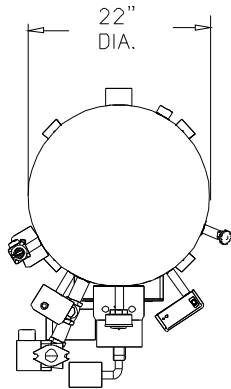




West Chicago, IL 60185  
 Phone: 630-562-2700  
[www.triadboiler.com](http://www.triadboiler.com)

**TRIAD BOILER SYSTEMS, INC.**  
**SERIES 300 COMBINATION BOILER**  
**SPACE HEATING and LOW TEMPERATURE**



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 BOILER (Model 300 SH-C-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 – Vessel Water
- Circulating Pump – Coil Water
- Copper coil – 60' long, 1.25" diameter
- Control Centers for SH and LT
- 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:**

<i>Input BTU/Hr</i>	<i>Output BTU/Hr</i>	<i>Efficiency</i>	<i>GPM @ °F Rise Coil Side</i>	<i>GPM @ °F Rise Vessel Side</i>
210,000 ATM	171,990	82.0%	6.8 @ 50°F	17.0 @ 20°F
300,000 ATM	240,400	80.1%	9.5 @ 50°F	23.9 @ 20°F
210,000 HEP	182,280	86.8%	7.3 @ 50°F	18.1 @ 20°F
300,000 HEP	255,000	85.0%	10.3 @ 50°F	25.8 @ 20°F
375,000 HEP	316,000	84.3%	12.9 @ 50°F	25.8 @ 25°F

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

**APPLICATIONS:**

- Space Heating and Process Water – typically 130°F - 210°F
- Low Temperature – typically 60°F - 130°F

**CONNECTIONS:**

- Coil Supply & Return Openings – 1.25"
- Vessel Supply - 1.5", Vessel Return - 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.**

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