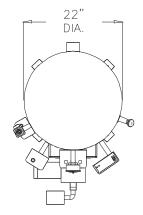
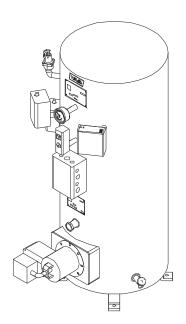
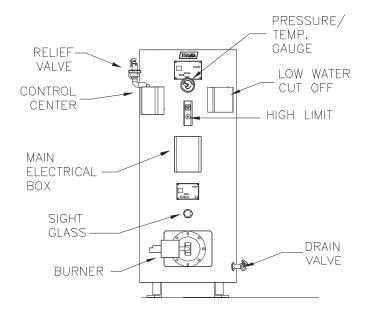


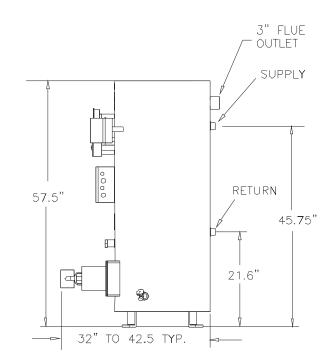
West Chicago, IL 60185 Phone: 630-562-2700 www.triadboiler.com

TRIAD BOILER SYSTEMS, INC. SERIES 300 DOMESTIC HOT WATER BOILER









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 DOMESTIC HOT WATER BOILER (Model 300 DHW)

The Series 300 is a steel vertical firetube packaged boiler with a water-backed combustion chamber equipped with highefficiency 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:

| Input BTU/Hr | Output BTU/Hr | Efficiency | GPM @ °F Rise |
|--------------|---------------|------------|---------------|
| 210,000 ATM | 171,990 | 82.0% | 3.4 @ 100°F |
| 300,000 ATM | 240,400 | 80.1% | 4.8 @ 100°F |
| 210,000 HEP | 182,280 | 86.8% | 3.6 @ 100°F |
| 300,000 HEP | 255,000 | 85.0% | 5.2 @ 100°F |
| 375,000 HEP | 316,000 | 84.3% | 6.4 @ 100°F |

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

APPLICATIONS:

Domestic Hot Water - typically 120°F - 180°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. ALL BURNER EQUIPMENT UL APPROVED

TRIAD BOILER REPRESENTATIVE:

TRIAD Boiler Systems, Inc.

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