



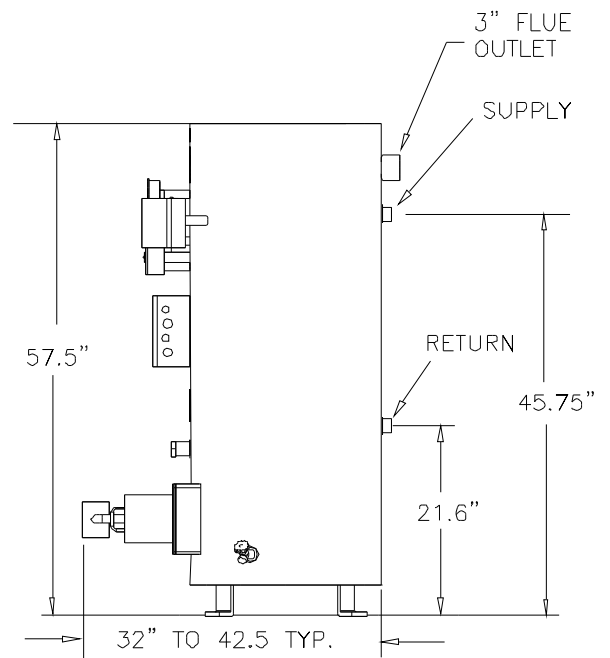
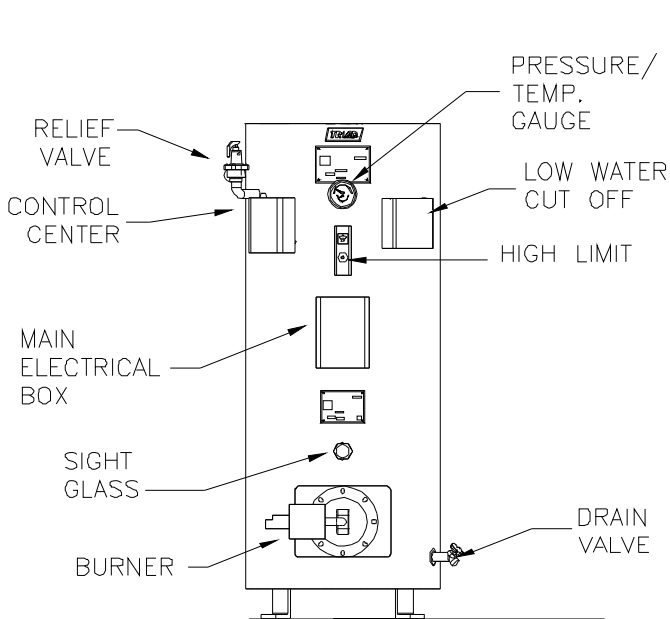
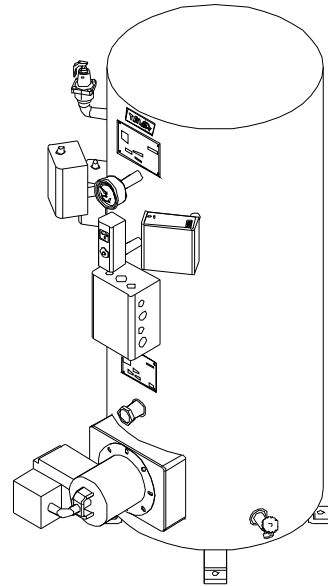
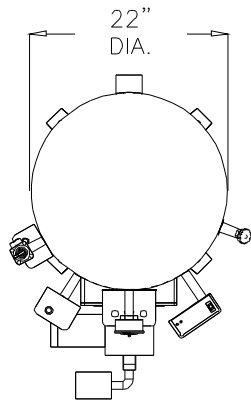
ICON BOILER

Greensboro, NC 27455

(844)562-ICON

iconboiler.com

ICON BOILER 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.



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 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:

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 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

ICON BOILER REPRESENTATIVE:

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