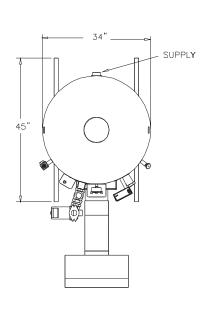
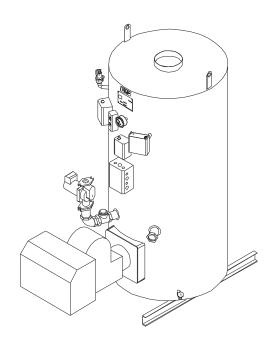
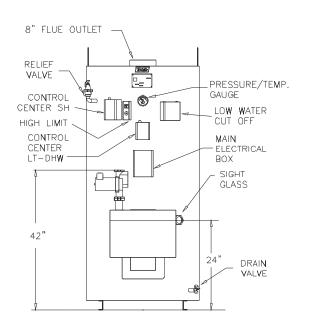


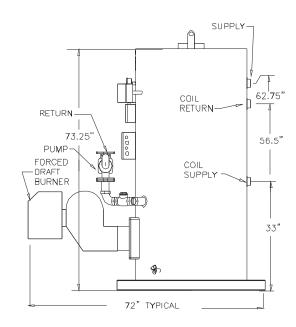
West Chicago, IL 60185 Phone: 630-562-2700 www.triadboiler.com

## TRIAD BOILER SYSTEMS, INC. SERIES 1600 SPACE HEAT and DOMESTIC HOT WATER BOILER









Note: Dimensions subject to change without notice.



# TRIAD BOILER SYSTEMS, INC. SERIES 1600 BOILER (Model 1600 SH-C-DHW)

The Series 1600 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 36" doorway.

### **STANDARD EQUIPMENT:**

Low/High/Off Power Burner (UL Listed) Circulating Pump – Vessel Water Circulating Pump – Coil Water Honeywell 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 UL Listed Boiler/Burner Package.

#### **OPTIONAL EQUIPMENT:**

Gas Fired (NG or Propane), Oil Fired, or Dual Fuel Burners UL, IRI, FM and CSD-1 Compliance Low-High-Low and Modulating Gas Trains 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 Vessel Side	GPM @ °F Rise Coil Side
1,400,000	1,162,800	83.0%	116.7 @ 20°F	16.5 @ 100°F
1,500,000	1,245,000	83.0%	100.0 @ 25°F	16.5 @ 100°F
1,600,000	1,328,000	83.0%	106.7 @ 25°F	16.5 @ 100°F
1,700,000	1,411,000	83.0%	113.3 @ 25°F	16.5 @ 100°F

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

### **APPLICATIONS:**

Space Heating - typically 130°F -210°F Domestic Hot Water - typically 120°F - 180°F

## **CLEARANCES & CONNECTIONS:**

Clearance recommended between boilers - 6"; From front of burner for service – 10". Supply & Return Openings – 2.00"

#### **CONTROL:**

The Series 1600 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.

Flue: Category I when applied appropriately.

POWER: 120V, 60Hz, Single Phase, fused for 30 amps. Min / Max gas pressure, typically 5.9" / 14" WC

## WEIGHT/VOLUME:

Shipping Weight – 1700 lbs. Operating Weight – 3037 lbs. Water Volume – 109 gallons

## 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