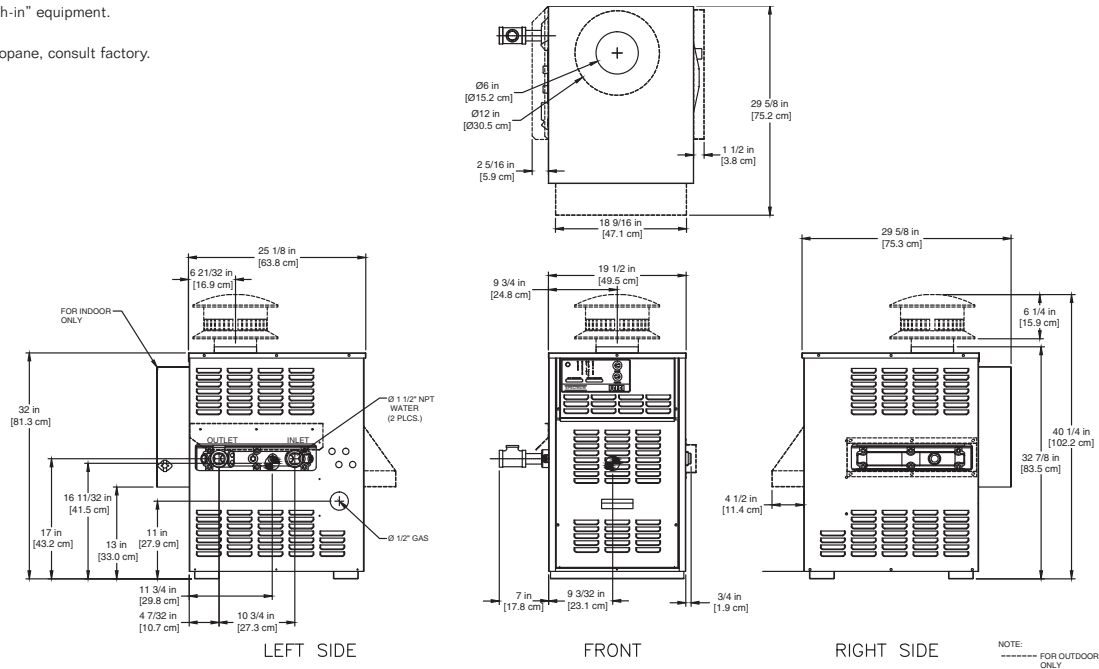


**NOTE:** Dimensions are approximate and should not be used to "rough-in" equipment.

\* Add circulator amps.

\*\*For incoming gas pressures lower than 5" WC natural or 11" WC propane, consult factory.



RSUB-2-C

**AGA CERTIFIED RATINGS & CAPACITIES**

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	1*
<b>Input BTU/hr.</b>	150,000 / 44 kW	<b>Min. Gas Pressure Required</b>	5" WC**
<b>Output BTU/hr.</b>	123,000 / 36 kW	<b>Max. Gas Pressure Allowed</b>	14" WC
<b>Electrical Requirements</b>	120VAC / 1 ph / 60 hz	<b>Operating Weight</b>	171 lbs. / 78 kg.

**TEMPERATURE RISE / PRESSURE DROP**

10°F / 5.5°C			
Flow Rate		Pressure Drop	
GPM	L/s	Ft	kPa
24.6	1.6	0.13	0.4
24.6	1.6	0.94	2.8

**2 Pass**  
**4 Pass**

**BOILER TRIM & CONTROLS**

<b>Gas Valve - INT</b>	Honeywell VR8304M 1/2"	<b>Ignition Control (SB)</b>	Honeywell S9361A2085
<b>Gas Valve</b>	Honeywell VR8304Q 3/4"- 2 Stg.	<b>Ignition Control (SW)</b>	Honeywell S86IOM
<b>Operating Control (SB/SW)</b>	Honeywell - On/Off	<b>Relief Valve - SW</b>	3/4" x 3/4" set @ 125 psi
<b>Operating Control (SW)</b>	Jumo - 2 Stage	<b>Relief Valve - SB</b>	3/4" x 3/4" set @ 30 psi
<b>High Limit (SB/SW)</b>	Honeywell	<b>Flow Switch</b>	TACO IFS-1

**RECOVERY CAPACITY**

40°F	22°C	60°F	33°C	80°F	44°C	100°F	56°C	120°F	67°C	140°F	78°C
369	1397	246	932	185	699	148	559	123	466	105	399

**ASME**

<b>ASME Sect IV Htg Surface</b>	25.0 Sq. Ft. / 2.32 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250°F
<b>Water Volume</b>	1.14 gal / 4.32 l (liters)		

**REP FIRM** \_\_\_\_\_  
**SUBMITTED BY** \_\_\_\_\_  
**JOB NAME** \_\_\_\_\_  
**ARCHITECT** \_\_\_\_\_  
**ENGINEER** \_\_\_\_\_  
**CONTRACTOR** \_\_\_\_\_  
**DATE** \_\_\_\_\_

**SPECTRUM 150**

**Category I Appliance**  
Must be vented into a negative pressure vent system.

**RBI**® A Division of Mestek, Inc.  
Westfield, MA 01085  
(413) 568-9571