



RSUB-3-A

**A.G.A. CERTIFIED RATINGS & CAPACITIES**

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	1*
<b>Input BTU/hr.</b>	199,000 / 58 kW	<b>Min. Gas Pressure Required</b>	5" W.C.**
<b>Output BTU/hr.</b>	161,190 / 47 kW	<b>Max. Gas Pressure Allowed</b>	14" W.C.
<b>Electrical Requirements</b>	120VAC / 1 ph / 60 hz	<b>Operating Weight</b>	191 lbs. / 87 kg.

**TEMPERATURE RISE / PRESSURE DROP**

10° F / 5.5° C				20° F / 11.1° C			
Flow Rate		Pressure Drop		Flow Rate		Pressure Drop	
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
32.4	2.0	0.27	0.8	16.2	1.0	0.07	0.2
32.4	2.0	1.92	5.7	16.2	1.0	0.53	1.6

**2 Pass**

**4 Pass**

**BOILER TRIM & CONTROLS**

<b>Gas Valve - CON</b>	Honeywell VR8300A 1/2"	<b>Ignition Control</b>	Honeywell S8610M
<b>Gas Valve - INT</b>	Honeywell VR8304M 1/2"	<b>Relief Valve - SW</b>	3/4" x 3/4" set @ 125 psi
<b>Gas Valve</b>	Honeywell VR8304Q 3/4" - 2 Stg.	<b>Relief Valve - SB</b>	3/4" x 3/4" set @ 30 psi
<b>Operating Control (SB)</b>	Jumo - Std Pilot/On/Off	<b>High Limit (SB)</b>	Jumo
<b>Operating Control (SW)</b>	Jumo - Std Pilot/On/Off	<b>High Limit (SW)</b>	Jumo
<b>Operating Control (SB/SW)</b>	Honeywell L6008G - 2 Stage		

**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
484	1831	323	1221	242	916	194	732	161	610	138	523

**A.S.M.E.**

<b>ASME Sect IV Htg Surface</b>	30.8 Sq. Ft. / 2.86 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250° F
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**NOTE:** Dimensions are approximate and should not be used to "rough-in" equipment.

\* Add circulator amps.

\*\*For incoming gas pressures lower than 5" W.C. natural or 12" W.C. propane, consult factory.

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

**SPECTRUM 200**

**Category I Appliance**

Must be vented into a negative pressure vent system.



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