



RSUB-4-A

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

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	1*
<b>Input BTU/hr.</b>	250,000 / 73 kW	<b>Min. Gas Pressure Required</b>	5" W.C.**
<b>Output BTU/hr.</b>	202,500 / 59 kW	<b>Max. Gas Pressure Allowed</b>	14" W.C.
<b>Electrical Requirements</b>	120VAC / 1 ph / 60 hz	<b>Operating Weight</b>	211 lbs. / 95 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
40.5	2.6	0.48	1.4	20.3	1.3	0.13	0.4
40.5	2.6	3.46	10.2	20.3	1.3	0.96	2.8

**2 Pass**

**4 Pass**

**BOILER TRIM & CONTROLS**

<b>Gas Valve - CON</b>	Honeywell VR8300A 3/4"	<b>Ignition Control</b>	Honeywell S8610M
<b>Gas Valve - INT</b>	Honeywell VR8304M 3/4"	<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>	Honeywell L4008E
<b>Operating Control (SW)</b>	Jumo - Std Pilot/On/Off	<b>High Limit (SW)</b>	Honeywell L4008E
<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
608	2301	405	1534	304	1150	243	920	203	767	174	657

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

<b>ASME Sect IV Htg Surface</b>	36.7 Sq. Ft. / 3.41 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 250**

**Category I Appliance**

Must be vented into a negative pressure vent system.



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