



RSUB-2-A

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	150,000 / 44 kW	Min. Gas Pressure Required	5" W.C.**
Output BTU/hr.	123,000 / 36 kW	Max. Gas Pressure Allowed	14" W.C.
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	171 lbs. / 77 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
2 Pass			
24.6	1.6	0.94	2.8
4 Pass			

BOILER TRIM & CONTROLS

Gas Valve - CON	Honeywell VR8300A 1/2"	Ignition Control	Honeywell S8610M
Gas Valve - INT	Honeywell VR8304M 1/2"	Relief Valve - SW	3/4" x 3/4" set @ 125 psi
Gas Valve	Honeywell VR8304Q 3/4" - 2 Stg.	Relief Valve - SB	3/4" x 3/4" set @ 30 psi
Operating Control (SB)	Jumo - Std Pilot/On/Off	High Limit (SB)	Jumo
Operating Control (SW)	Jumo - Std Pilot/On/Off	High Limit (SW)	Jumo
Operating Control (SB/SW)	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
369	1397	246	932	185	699	148	559	123	466	105	399

A.S.M.E.

ASME Sect IV Htg Surface	25.0 Sq. Ft. / 2.32 Sq. M.	Design Data	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 150

Category I Appliance

Must be vented into a negative pressure vent system.

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