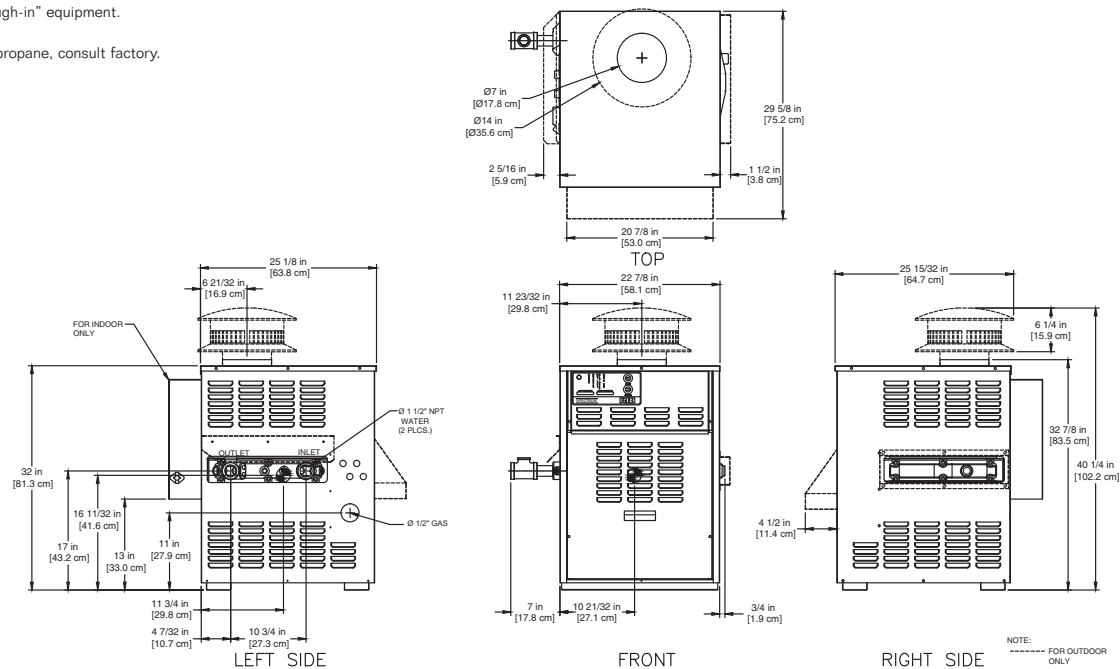


NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

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



RSUB-3-C

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	199,000 / 58 kW	Min. Gas Pressure Required	5" WC**
Output BTU/hr.	163,180 / 49 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	202 lbs. / 92 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	2 Pass
32.4	2.0	1.92	5.7	16.2	1.0	0.53	1.6	4 Pass

BOILER TRIM & CONTROLS

Gas Valve - INT	Honeywell VR8304M 1/2"	Ignition Control (SB)	Honeywell S9361A2085
Gas Valve	Honeywell VR8304Q 3/4"- 2 Stg.	Ignition Control (SW)	Honeywell S86IOM
Operating Control (SB/SW)	Honeywell - On/Off	Relief Valve - SW	3/4" x 3/4" set @ 125 psi
Operating Control (SW)	Jumo - 2 Stage	Relief Valve - SB	3/4" x 3/4" set @ 30 psi
High Limit (SB/SW)	Honeywell	Flow Switch	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
490	1854	326	1236	245	927	196	742	163	618	140	530

ASME

ASME Sect IV Htg Surface	30.8 Sq. Ft. / 2.86 Sq. M.	Design Data	Max. 160 psig & 250 °F.
Water Volume	1.21 gal / 4.58 l (liters)		

REP FIRM _____
SUBMITTED BY _____
JOB NAME _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
DATE _____

SPECTRUM 200

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

RBI® A Division of Mestek, Inc.
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