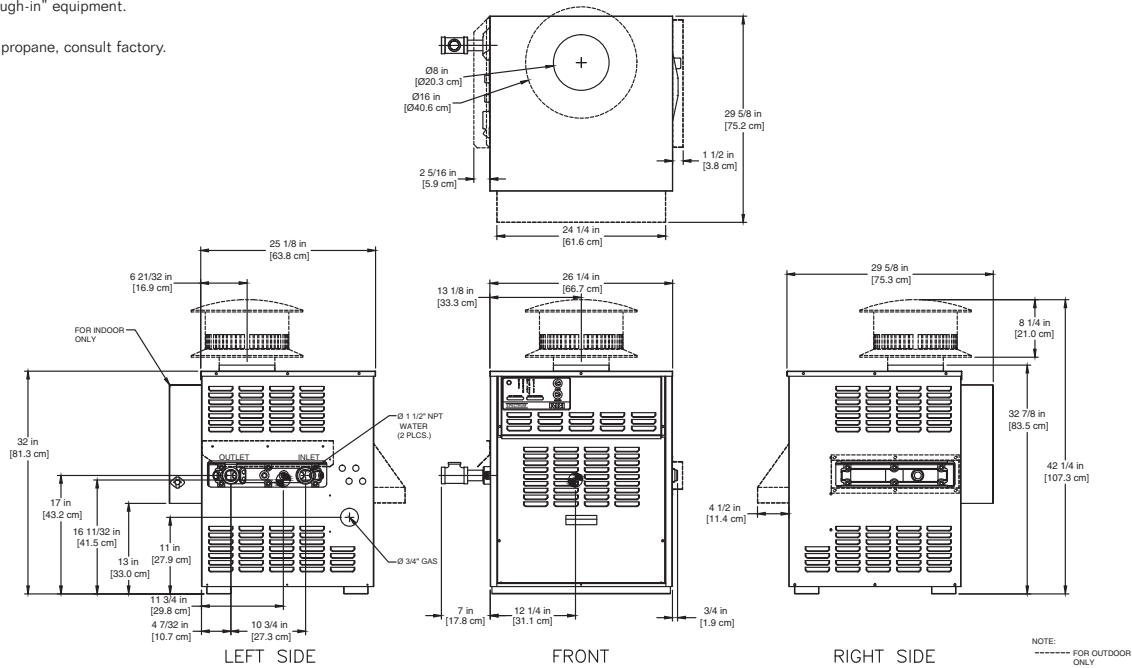


NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

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



RSUB-4-C

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	250,000 / 73 kW	Min. Gas Pressure Required	5" WC**
Output BTU/hr.	205,000 / 60 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	218 lbs. / 99 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	2 Pass
40.5	2.6	3.46	10.2	20.3	1.3	0.96	2.8	4 Pass

BOILER TRIM & CONTROLS

Gas Valve - INT	Honeywell VR8304M 3/4"	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)	Jumo	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
615	2329	410	1553	308	1164	246	932	205	776	176	665

ASME

ASME Sect IV Htg Surface	36.7 Sq. Ft. / 3.41 Sq. M.	Design Data	Max. 160 psig & 250 °F
Water Volume	1.28 gal / 4.85 l (liters)		

REP FIRM _____

SUBMITTED BY _____

JOB NAME _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

DATE _____

SPECTRUM 250

Category I Appliance

Must be vented into a negative pressure vent system.

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