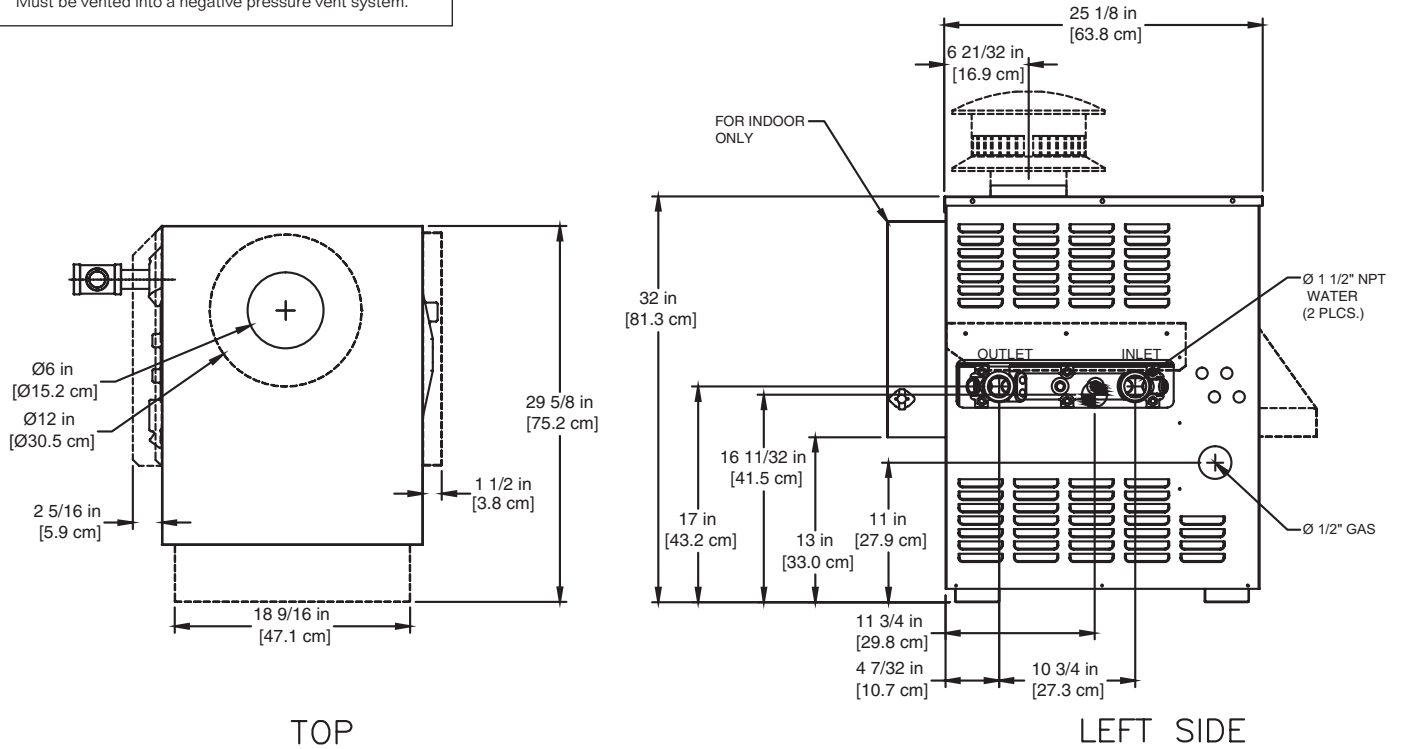


SPECTRUM 150

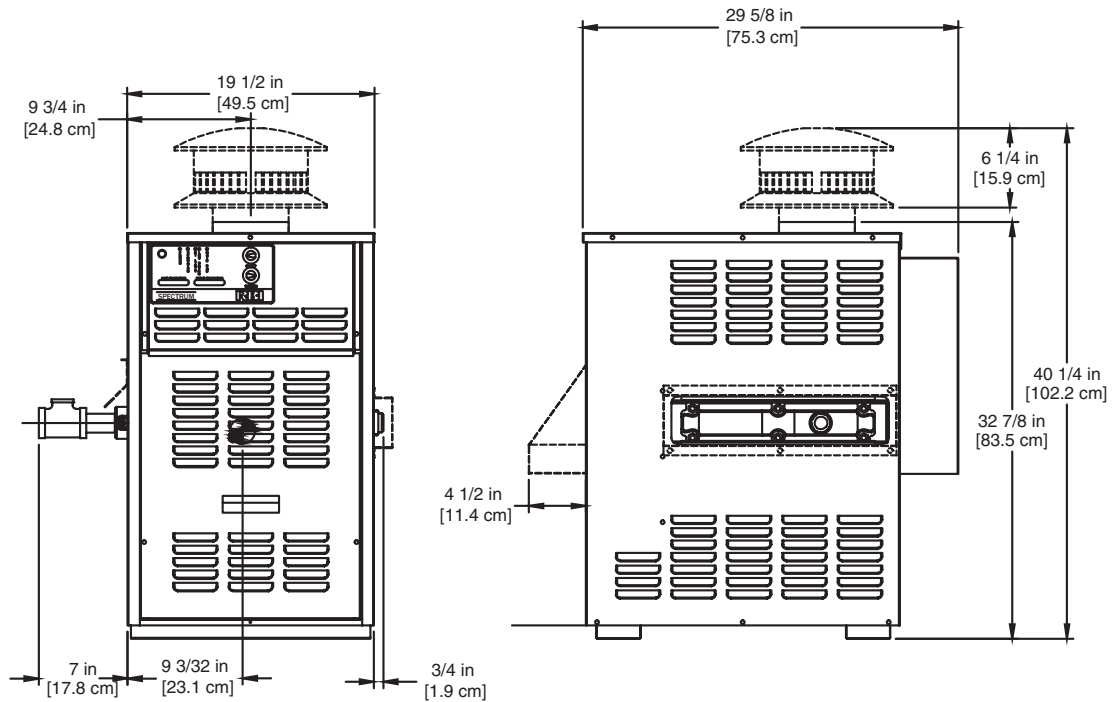
Category I Appliance

Must be vented into a negative pressure vent system.



TOP

LEFT SIDE



FRONT

RIGHT SIDE

NOTE:
----- FOR OUTDOOR ONLY

RSUB-2-C

Notes:

1. Dimensions are approximate and should not be used to "rough-in" equipment.
2. Dimensions are subject to change without notice.

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	150,000 / 44 kW	Min. Gas Pressure Required	5" WC**
Output BTU/hr.	123,000 / 36 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	171 lbs. / 78 kg.

BOILER / WATER HEATER 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

A.S.M.E.

ASME Sect IV Htg Surface	25.0 Sq. Ft. / 2.32 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	1.1 gal / 4.32 Liters		

* Add circulator amps.

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

BOILER 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

WATER HEATER HOURLY RECOVERY CAPACITY (GPH & LPH)

40°F	22°C	60°F	33°C	80°F	44°C	100°F	56°C	120°F	67°C	140°F	78°C
360	1361	240	908	180	681	144	545	120	454	103	

Spectrum 150 model boiler not available for sale in the U.S. market due to DOE regulations.

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

SPECTRUM 150

Category I Appliance

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