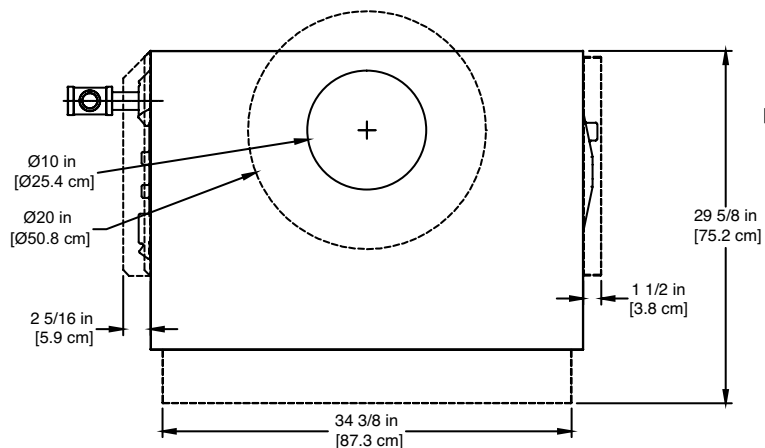


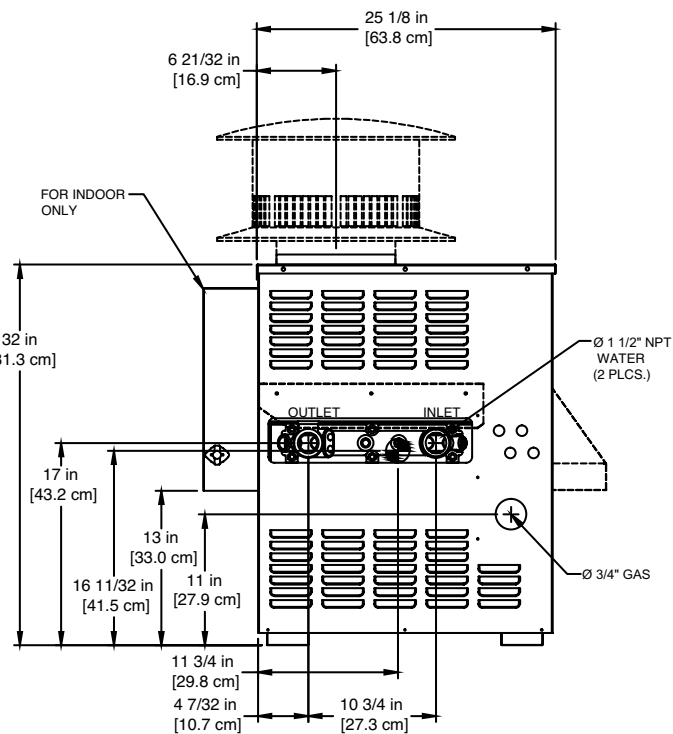
SPECTRUM 400

Category I Appliance

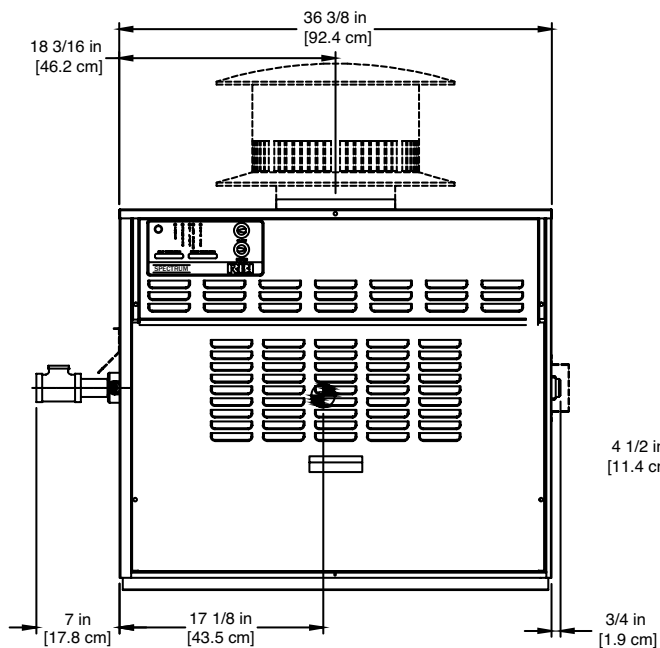
Must be vented into a negative pressure vent system.



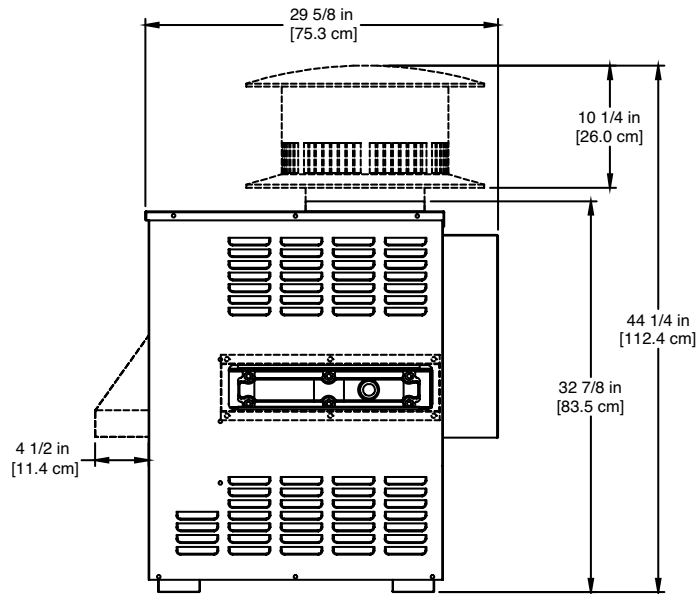
TOP



LEFT SIDE



FRONT



RIGHT SIDE

NOTE:

----- FOR OUTDOOR
ONLY

RSUB-7-C

Notes:

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

Boilers & Water Heaters not available for sale in Canada due to NRCan regulations.

SSPEC-400-10

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	399,000 / 117 kW	Min. Gas Pressure Required	5" WC**
Output BTU/hr.	323,988 / 95 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	264 lbs. / 120 kg.

BOILER / WATER HEATER TRIM & CONTROLS

Gas Valve - INT	Honeywell VR8304M 3/4"	Ignition Control (SB On/Off)	Honeywell S9361A2085
Gas Valve	Honeywell VR8304Q 3/4" - 2 Stg	Ignition Control (SB 2 Stg.)	Honeywell S86IOM
Operating Control (SB/SW)	Honeywell - On/Off	Ignition Control (SW)	Honeywell S86IOM
Operating Control (SB/SW)	Jumo - 2-Stage	Relief Valve - SW	3/4" x 3/4" set @ 125 psi
High Limit (SB/SW)	Jumo	Relief Valve - SB	3/4" x 3/4" set @ 30 psi
		Flow Switch	TACO

A.S.M.E.

ASME Sect IV Htg Surface	54.3 Sq. Ft. / 5.04 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	1.5 gal / 5.64 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				20°F / 11.1°C				30°F / 16.7°C				2 Pass
Flow Rate		Pressure Drop		Flow Rate		Pressure Drop		Flow Rate		Pressure Drop		
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	
64.8	4.1	1.69	5.0	32.4	2.0	0.47	1.4	21.6	1.4	0.20	0.7	
-	-	-	-	32.4	2.0	3.40	10.0	21.6	1.4	1.60	4.7	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
960	3630	640	2420	480	1815	384	1452	320	1210	274	1037

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REP FIRM	_____	SPECTRUM 400 Category I Appliance Must be vented into a negative pressure vent system.  A Division of Mestek, Inc. Westfield, MA 01085 (413) 568-9571
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	