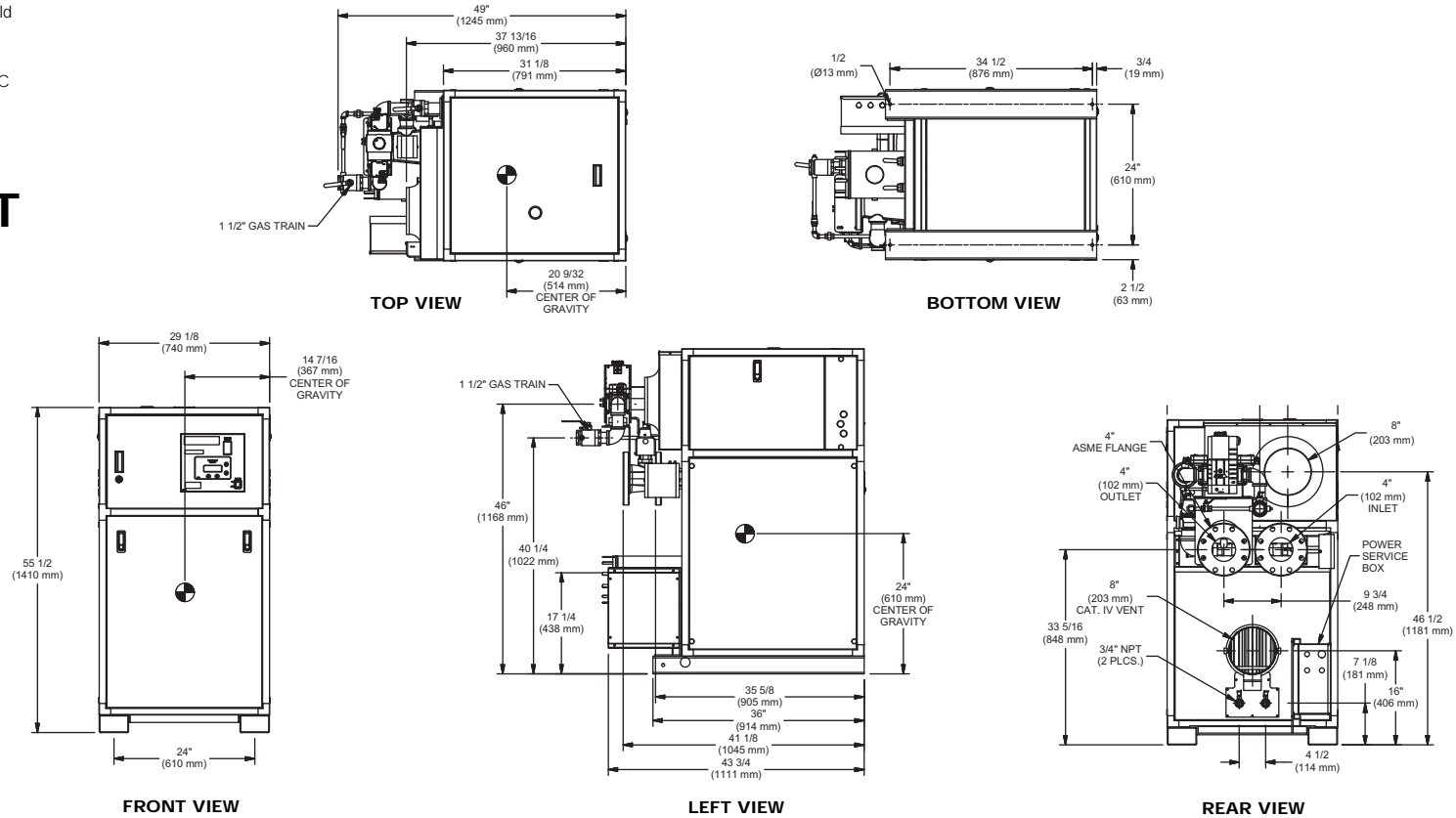


NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

**For incoming gas pressures lower than 3.5" WC natural, consult factory.

INDOOR UNIT



RSUB 83 REV. B

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural Gas	Boiler FLA	10.5" @ 230V NEC
Input BTU/hr.	2,500,000 / 733 kW	Min. Gas Pressure Required	3.5" WC**
Output BTU/hr.	2,147,500 / 629 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	(L1, L2, NEU, GND) 208-240 VAC/1 ph/60 hz	Operating Weight	1,069 lbs. / 485 kgs.

TEMPERATURE RISE / PRESSURE DROP

20°F / 11.1°C		25°F / 13.9°C		30°F / 16.7°C		35°F / 19.4°C									
Flow Rate	Pressure Drop	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				
217.5	13.7	10.05	29.6	174.0	11.0	6.45	19.0	145.0	9.1	3.71	10.9	124.3	7.8	2.79	8.2

BOILER TRIM & CONTROLS

Main Gas Valve Body	Dungs MBC 2500	High Limit (Manual Reset)	Jumo
Firing Valve	Honeywell B200T1066 1-1/2"	High Limit (Auto Reset)	Jumo
Main Ball Valve	1-1/2"	Blocked Flue Switch	HUBA
Manual Pilot Valve	1/4" Honeywell B528	Air Switch	HUBA
Solenoid Valve w/Reg	CV100	Blower Motor	American Fan 3 HP - FLA 8
Ignition Control	Honeywell RM7895C	Relief Valve - MB	1" x 1-1/4" set @ 50 psi
Operating Control	HeatNet™	Relief Valve - MW	3/4" x 3/4" set @ 125 psi
		Flow Switch	ITT FS8W

RECOVERY CAPACITY

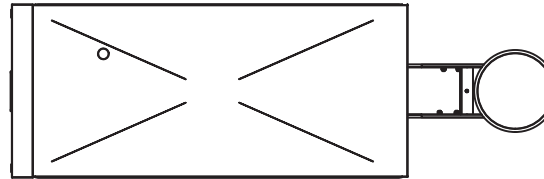
40°F	22°C	60°F	33°C	80°F	44°C	100°F	56°C	120°F	67°C	140°F	78°C
6,445	24,397	4,297	16,265	3,223	12,199	2,578	9,759	2,148	8,132	1,841	6,971

ASME

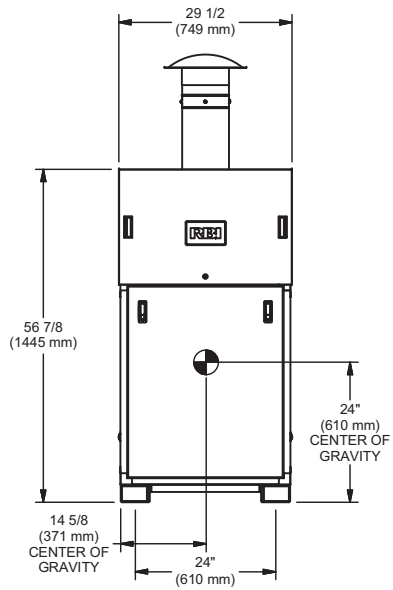
ASME Sect IV Htg Surface	267.5 Sq. Ft. / 24.85 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	12.1 gal / 45.80 l (liters)		

REP FIRM	_____	FUTERA XLF 2500
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	Category II or Category IV Appliance (see Installation and Operation Manual for venting information)
DATE	_____	RBI ® A Division of Mestek, Inc. Westfield, MA 01085 (413) 568-9571

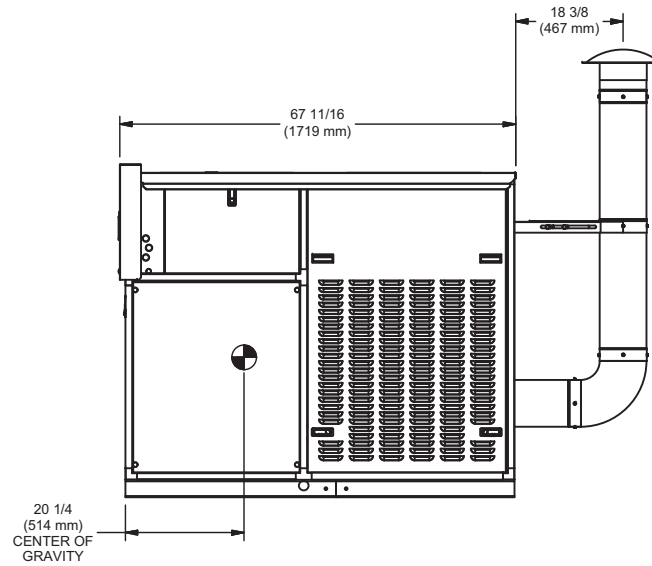
OUTDOOR UNIT



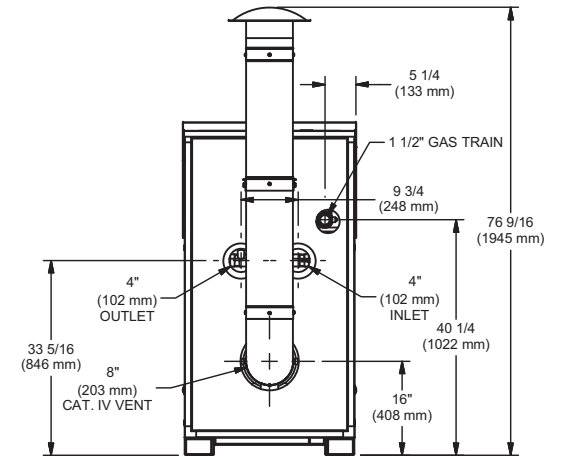
TOP VIEW



FRONT VIEW



SIDE VIEW



BACK VIEW