

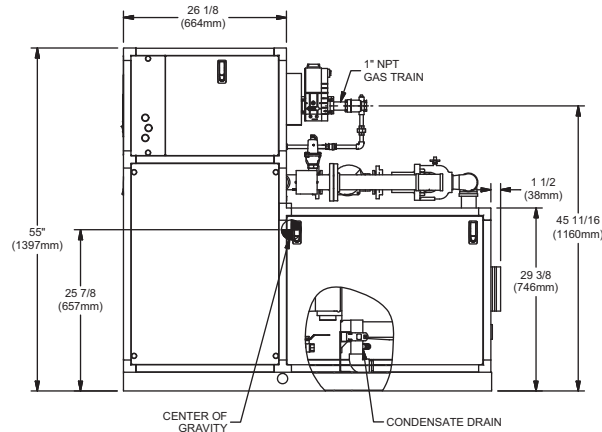
### CODE OPTIONS

<b>CSD-1</b>	Manual Reset LWCO
<b>Kentucky</b>	200° F Maximum Operating Control and High Limit

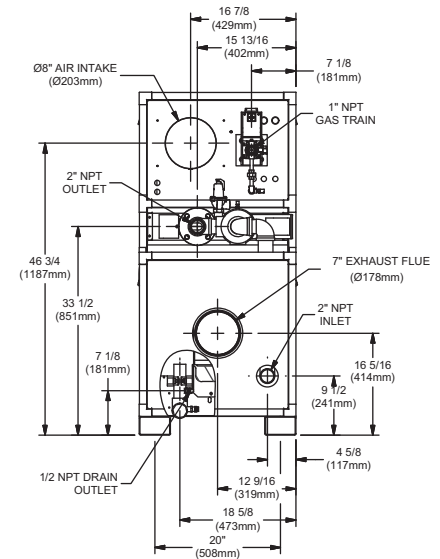
**NOTE:** Dimensions are approximate and should not be used to "rough-in" equipment.

- \* Includes pump
- \*\* For incoming gas pressures lower than 2" W.C. natural or propane, consult factory.

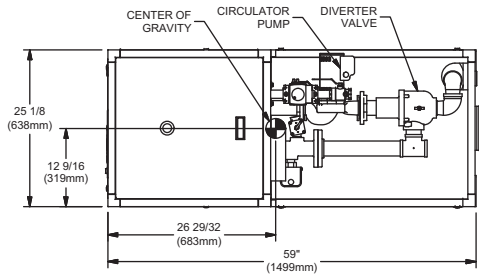
## INDOOR UNIT



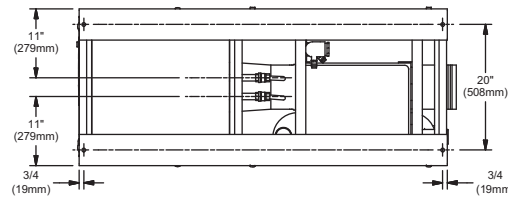
**SIDE VIEW**



**BACK VIEW**



**TOP VIEW**



**BOTTOM VIEW**

RSUB 97 REV. F

### A.G.A. CERTIFIED RATINGS & CAPACITIES

<b>Fuel Type</b>	Natural/Propane Gas	<b>Total FLA</b>	9*
<b>Input BTU/hr.</b>	750,000 / 220 kW	<b>Min. Gas Pressure Required</b>	2" W.C.**
<b>Output BTU/hr.</b>	713,250 / 209 kW	<b>Max. Gas Pressure Allowed</b>	14" W.C.
<b>Electrical Requirements</b>	120VAC/ 1 ph/ 60 hz	<b>Operating Weight</b>	699 lbs. / 317 kg.

### TEMPERATURE RISE / PRESSURE DROP

20° F / 11.1° C				25° F / 13.9° C			
Flow Rate***	Total Loss****	Flow Rate***	Total Loss****	Flow Rate***	Total Loss****	Flow Rate***	Total Loss****
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
65.3	4.1	10.5	31.4	52.2	3.3	7.7	23.0

\*\*\*Primary heat exchanger. \*\*\*\*Includes primary, secondary, mixing valve and piping.

### BOILER TRIM & CONTROLS

<b>Main Gas Valve</b>	Dungs MBC-SE	<b>Air Switch</b>	Cleveland NS2
<b>Firing Valve</b>	1"	<b>Blower Motor</b>	Fasco 1/2 hp
<b>Ignition Control</b>	Honeywell RM7895C	<b>Relief Valve - CW</b>	3/4" x 3/4" set @ 125 psi
<b>Operating Control</b>	HeatNet™	<b>Relief Valve - CB</b>	3/4" x 3/4" set @ 50 psi
<b>High Limit</b>	Jumo	<b>Flow Switch</b>	ITT FS251
<b>Main Ball Valve</b>	1"	<b>Solenoid Valve w/ Reg</b>	CV100
<b>Economizer</b>	RBI-1000	<b>Circulator</b>	B&G PL-130 - FLA - 5
<b>Mixing Valve</b>	2"	<b>By-Pass Piping</b>	2"

### TOTAL BOILER RECOVERY

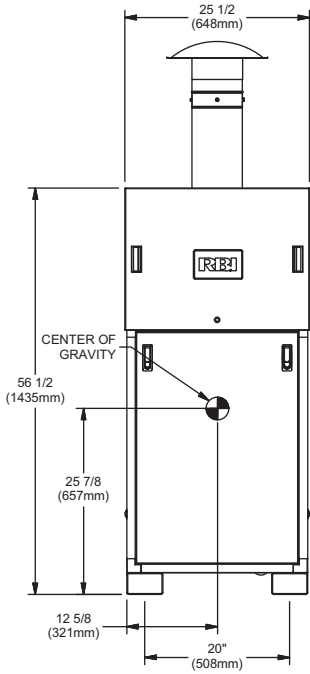
40°F	22° C	60°F	33° C	80°F	44° C	100°F	56° C	120°F	67° C	140°F	78° C
2141	8103	1427	5402	1070	4052	856	3241	714	2701	612	2315

### A.S.M.E.

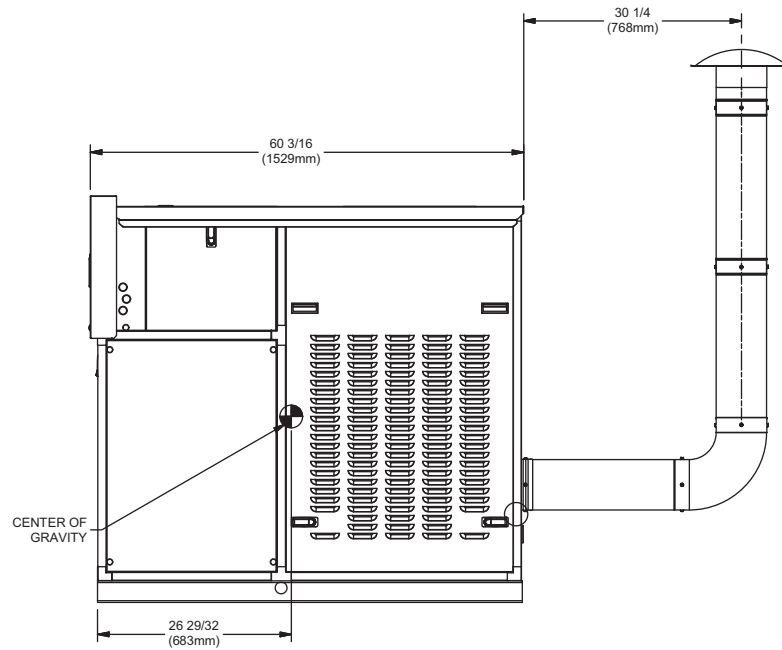
<b>ASME Sect IV Htg Surface</b>	97.79 Sq. Ft. / 9.08 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250° F
<b>Water Volume</b>	3.7 gal. / 14.01 l (liters)	<b>Secondary Heat Exchanger</b>	125 psi
<b>Water Volume Secondary HX</b>	4.5 gal. / 17.03 l (liters)		

<b>REP FIRM</b>	_____	<b>FUTERA FUSION 750</b> Category II or IV Appliance (see Installation and Operation Manual for venting information)
<b>SUBMITTED BY</b>	_____	
<b>JOB NAME</b>	_____	
<b>ARCHITECT</b>	_____	
<b>ENGINEER</b>	_____	
<b>CONTRACTOR</b>	_____	<b>RBI</b> ® A Division of Mestek, Inc. Westfield, MA 01085 (413) 568-9571
<b>DATE</b>	_____	

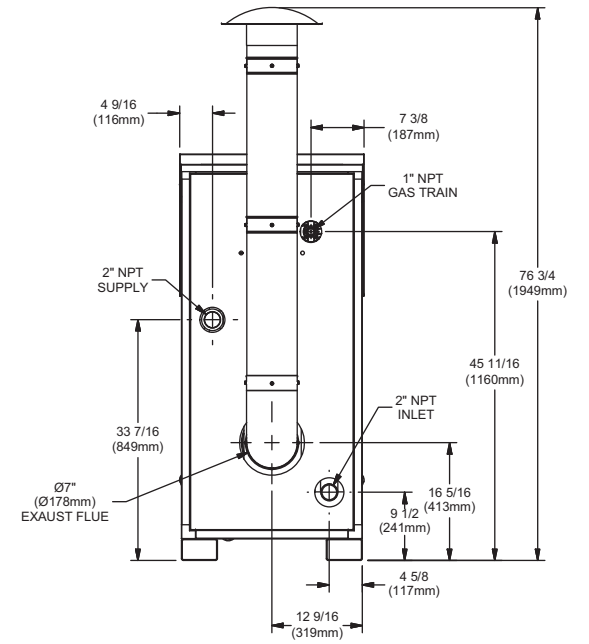
# OUTDOOR UNIT



FRONT VIEW



SIDEVIEW



BACK VIEW