

## CODE OPTIONS

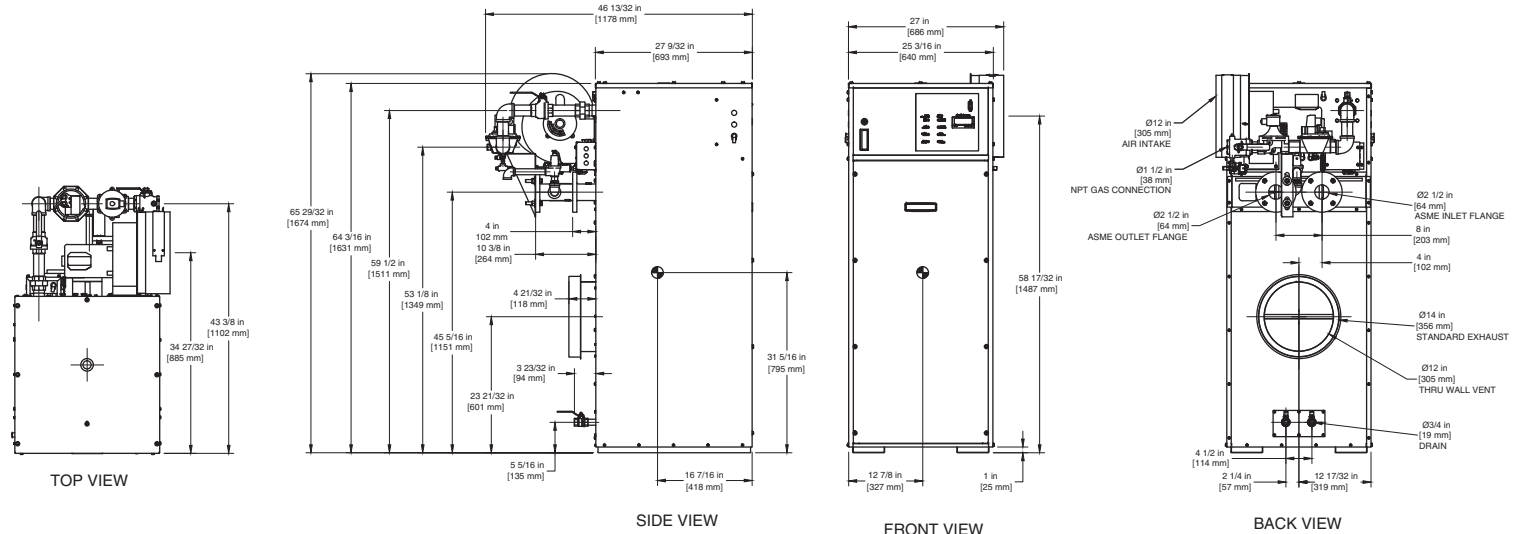
<b>CSD-1</b>	Manual Reset LWCO
<b>Kentucky</b>	200° F Maximum Operating Control and High Limit

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

\* Add circulator amps.

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

# INDOOR UNIT



NOTE: DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	11.5*
<b>Input BTU/hr.</b>	1,950,000 / 571 kW	<b>Min. Gas Pressure Required</b>	5" W.C.**
<b>Output BTU/hr.</b>	1,657,500 / 486 kW	<b>Max. Gas Pressure Allowed</b>	14" W.C.
<b>Electrical Requirements</b>	120VAC/ 1 ph/ 60 hz/ 12 amp	<b>Operating Weight</b>	862 lbs. / 391 kg.

## TEMPERATURE RISE / PRESSURE DROP

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	
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
132.6	8.4	5.14	15.1	110.5	7.0	3.70	10.8	94.7	6.0	2.80	8.1

## BOILER TRIM & CONTROLS

<b>Main Gas Valve</b>	V4944B	<b>Main Ball Valve</b>	1 1/2 "
<b>Firing Valve</b>	1 1/2"	<b>Solenoid Valve w/ Reg</b>	CV100
<b>Safety Valve</b>	ASCO L8214G 1 1/2"	<b>Air Switch</b>	HUBA
<b>Ignition Control</b>	Honeywell RM7897C	<b>Blower Motor</b>	Marathon 3/4 hp - FLA 9.8
<b>Operating Control (FB/FW)</b>	Jumo	<b>Relief Valve - FB</b>	1" x 1 1/4" set @ 50 psi
<b>High Limit</b>	Honeywell L4008E	<b>Relief Valve - FW</b>	3/4" x 3/4" set @ 125 psi
		<b>Flow Switch</b>	TACO IFS-1

## A.S.M.E.

<b>ASME Sect IV Htg Surface</b>	215.98 Sq. Ft. / 20.06 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250° F
<b>Water Volume</b>	5.7 gal / 21.6 l (liters)		

## 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
4974	18831	3316	12554	2487	9415	1990	7532	1658	6277	1421	5380

**REP FIRM** \_\_\_\_\_  
**SUBMITTED BY** \_\_\_\_\_  
**JOB NAME** \_\_\_\_\_  
**ARCHITECT** \_\_\_\_\_  
**ENGINEER** \_\_\_\_\_  
**CONTRACTOR** \_\_\_\_\_  
**DATE** \_\_\_\_\_

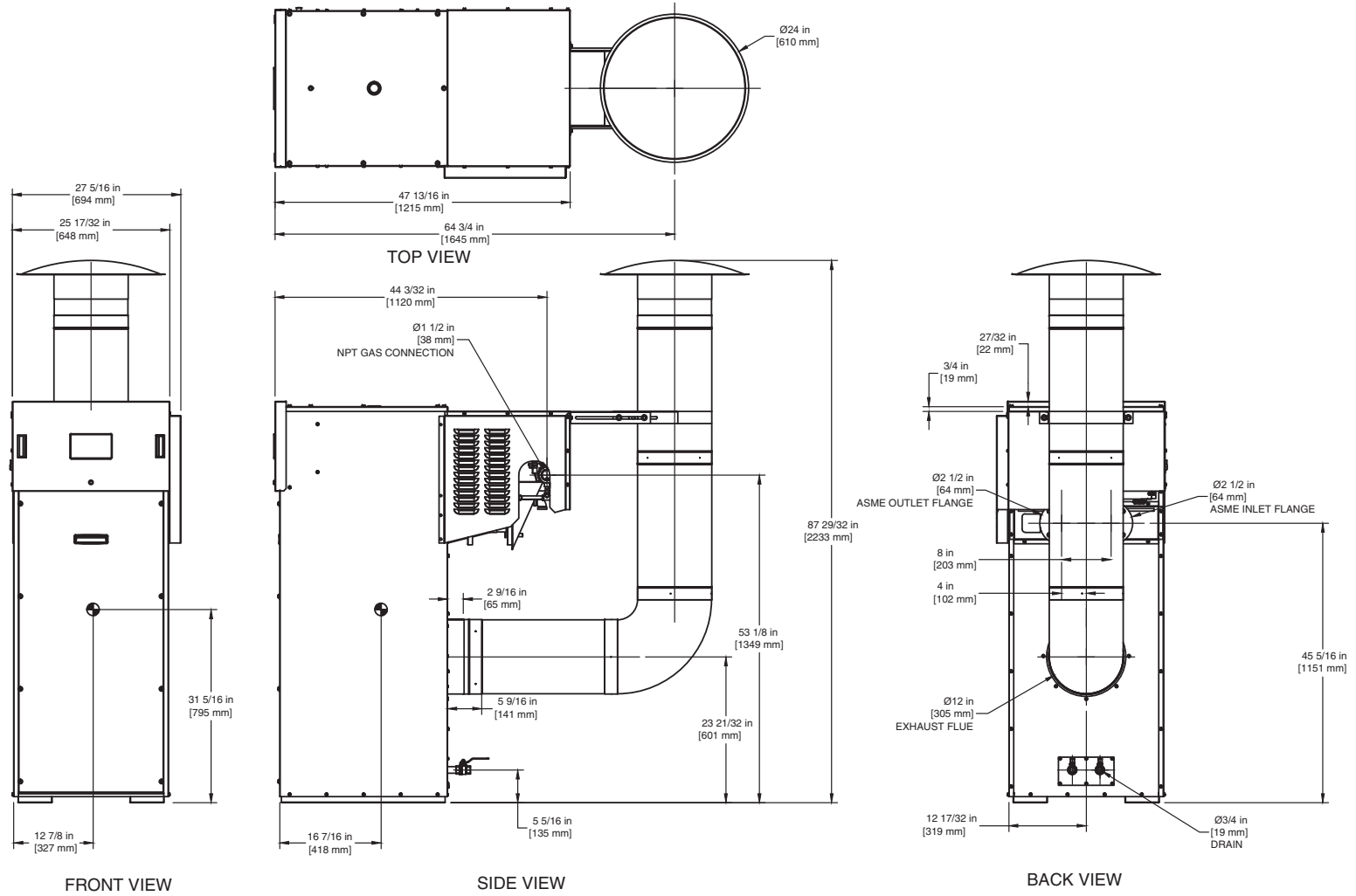
# FUTERA II 1950

**Category I or Category III Appliance**  
(see Installation and Operation Manual for venting information)



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