

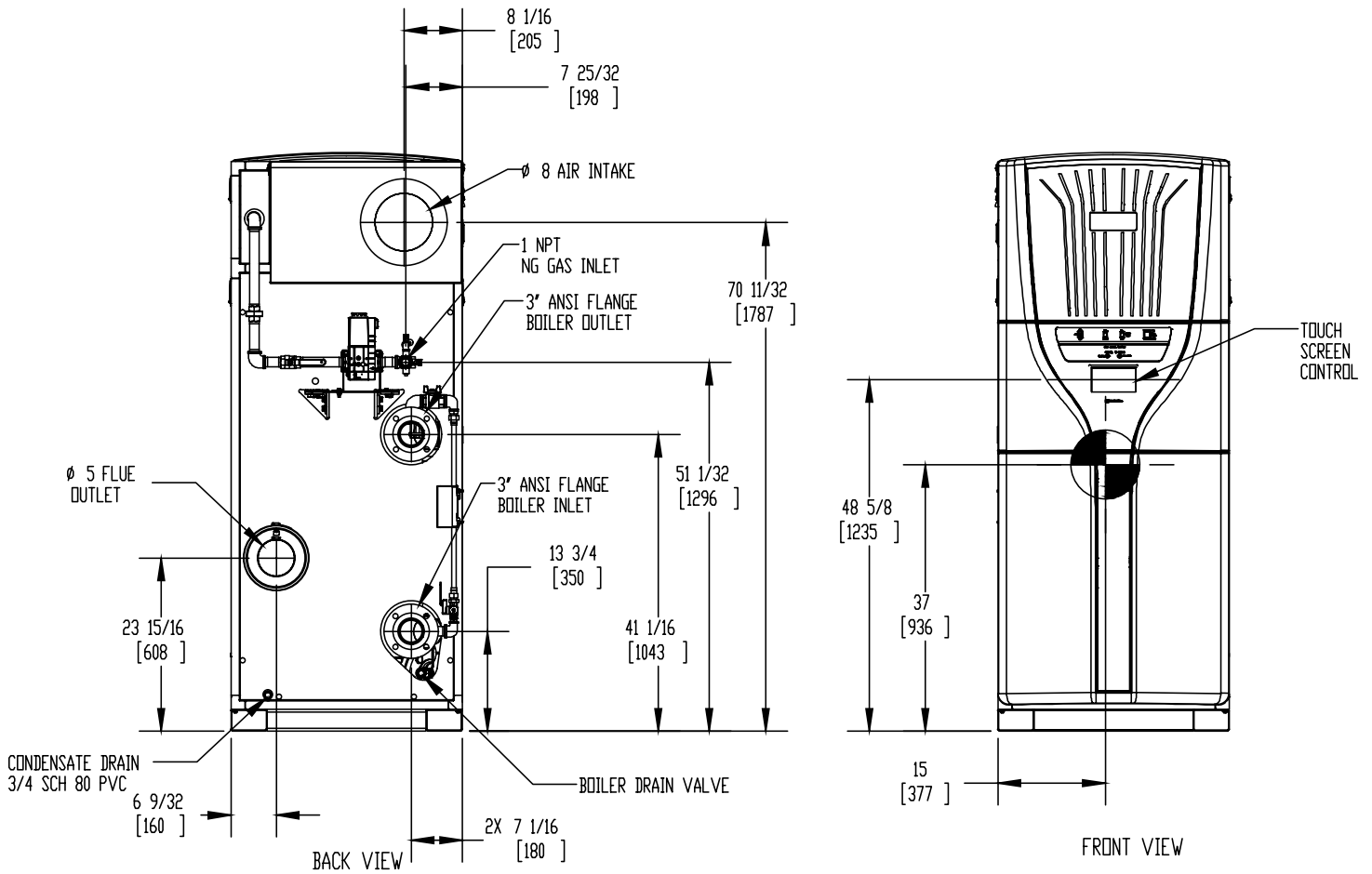
# FlexCore 1000

Category II or Category IV Appliance

(see Installation and Operation Manual for venting information)

## CODE OPTIONS

CSD-1	STANDARD
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### Notes:

1. Dimensions are approximate and should not be used to "rough-in" equipment.
2. Dimensions are subject to change without notice.
3. All dimensions are in inches (mm).
4. ● Symbol indicates center of gravity.

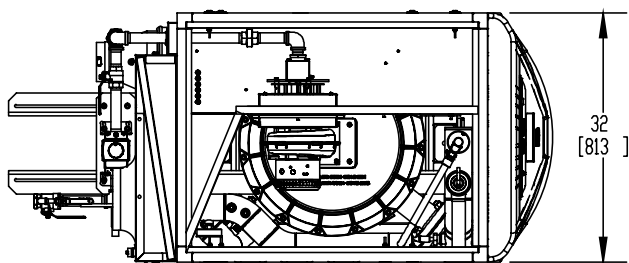
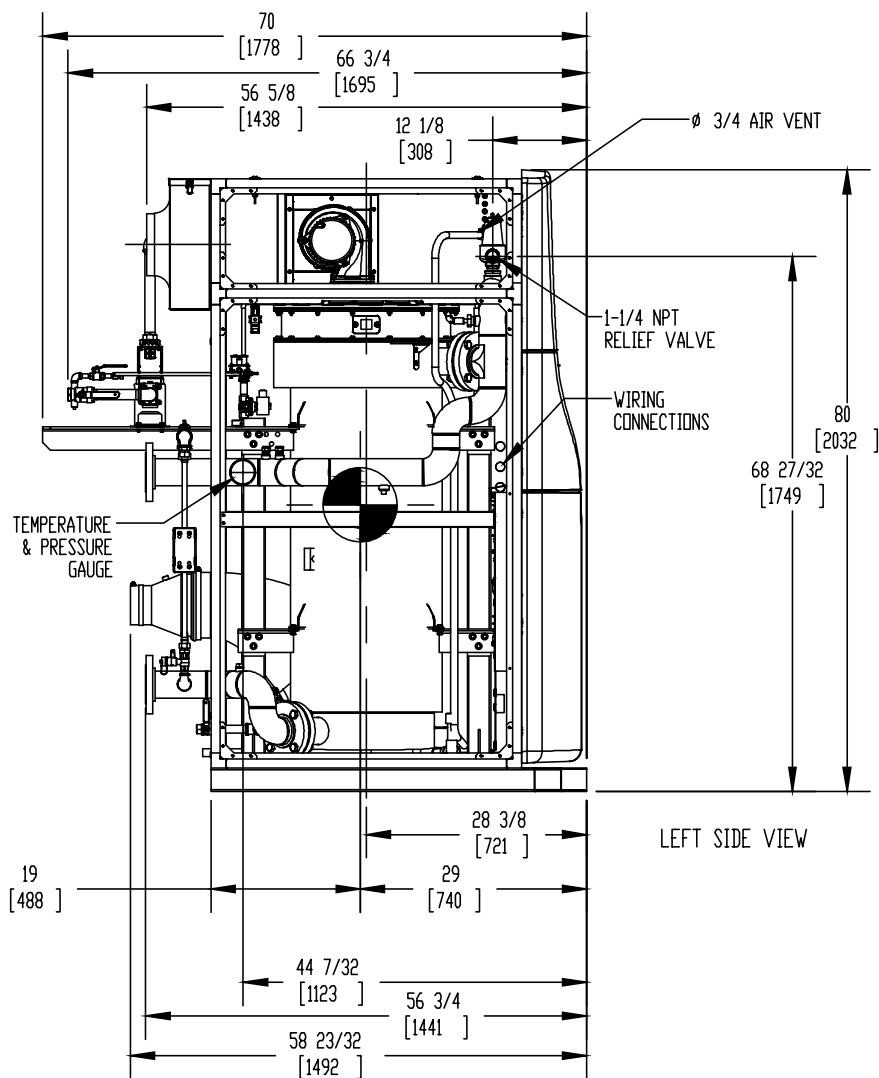
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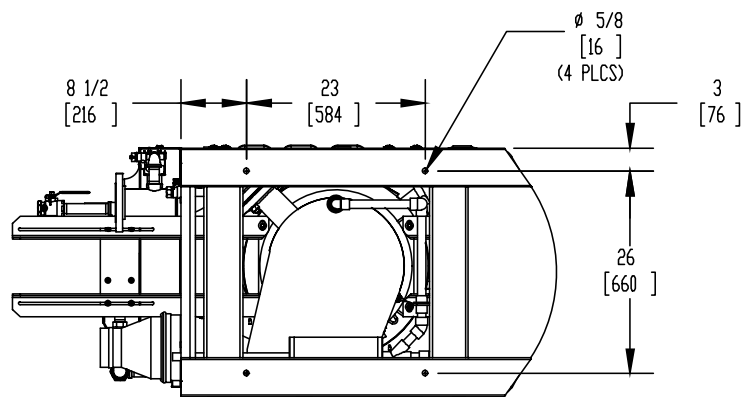
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## CODE OPTIONS

CSD-1	STANDARD
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TOP VIEW



BOTTOM VIEW

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## BOILER CERTIFIED RATINGS & CAPACITIES

<b>Fuel Type</b>	Natural Gas	<b>Boiler FLA</b>	9.5*
<b>Input BTU/hr.</b>	1,000,000 / 293 KW	<b>Boiler HP</b>	28.5
<b>Output BTU/hr.</b>	955,000 / 280	<b>Min. Gas Pressure Required</b>	3" W.C.
<b>Electrical Requirements</b>	120 VAC/60 Hz/1PH (with neutral)	<b>Max. Gas Pressure Allowed</b>	14" W.C.
		<b>Operating Weight</b>	1725 lbs. / 782.4 kg.

## BOILER TRIM & CONTROLS

<b>Main Gas Valve</b>	Dungs MBC	<b>Air Switch</b>	Huba
<b>Firing Valve</b>	1" Apollo	<b>Flow Sensor</b>	SIKA
<b>Ignition Control</b>	Honeywell RM7895C	<b>Blocked Flue Switch</b>	Cleveland NS2
<b>Operating Control</b>	HeatNet®	<b>Blower Motor</b>	Ametek
<b>High Limit</b>	Jumo	<b>L.W.C.O.</b>	800
<b>Main Ball Valve</b>	1" Apollo	<b>Relief Valve</b>	1" x 1-1/4" set @ 50 psi
<b>Pilot Cock</b>	1/4"	<b>Pilot Regulator</b>	White-Rodgers

## A.S.M.E.

<b>ASME Sect IV Fire Side Htg Surface</b>	82 Sq. Ft. / 7.62 Sq. M.	<b>Design Data</b>	Max. 160 psig & 210°F
<b>ASME Sect IV Water Side Htg Surface</b>	85 Sq. Ft. / 7.90 Sq. M.	<b>Water Volume</b>	42 gal. / 160 Liters
<b>CV. GPM (1PSID)</b>	87		

\* Add circulator amps.

## BOILER TEMPERATURE RISE / PRESSURE DROP (Based on Full Input)

20°F / 11.1°C		40°F / 22.2°C				60°F / 33.3°C				80°F / 44.4°C				100°F / 55.5°C					
Flow Rate		Pressure Drop		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	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
95.5	6.0	2.8	8.3	47.8	3.0	0.7	2.1	31.8	2.0	0.3	0.9	23.9	1.5	0.2	0.5	19.1	1.2	0.1	0.3

Flow GPM		Temp. Rise** (°F)		Vent Length (Equiv. Ft.)		Air Inlet Length (Equiv. Ft.)	
Min	Max	Min	Max	Min	Max	Min	Max
19.1	95.5	20	100	6	100	0	100

\*\* Min/Max delta t reflects boiler operation at full input. For applications requiring operation above/below these parameters please consult factory.

<b>REP FIRM</b>	_____
<b>SUBMITTED BY</b>	_____
<b>JOB NAME</b>	_____
<b>ARCHITECT</b>	_____
<b>ENGINEER</b>	_____
<b>CONTRACTOR</b>	_____
<b>DATE</b>	_____

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**RBI**®  
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