

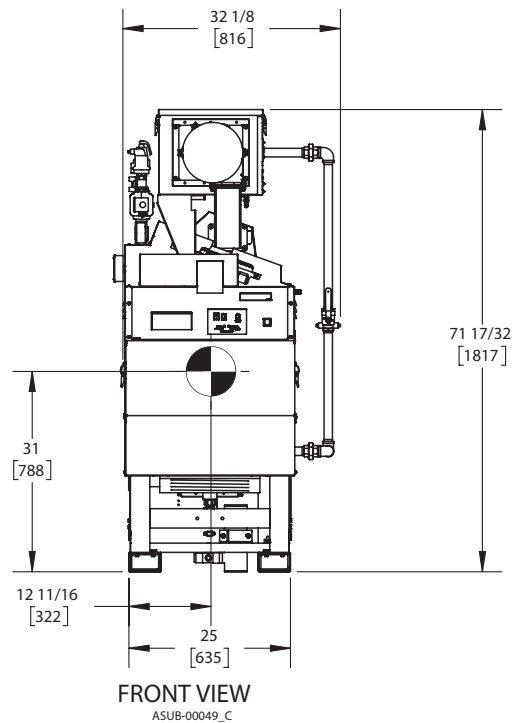
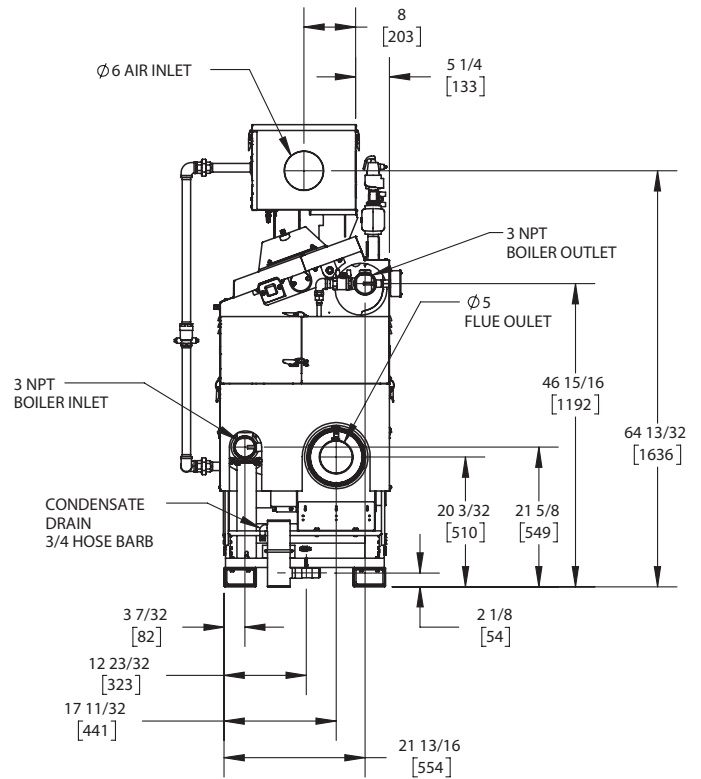
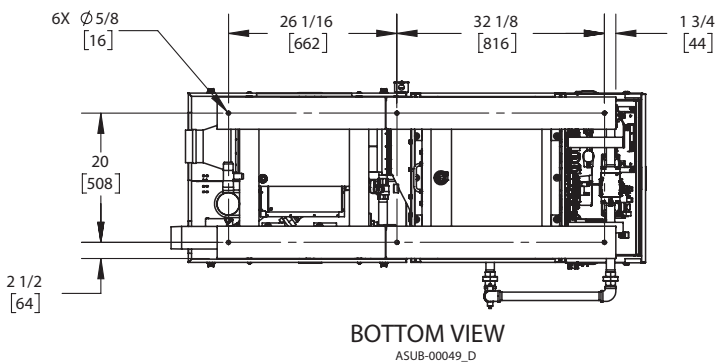
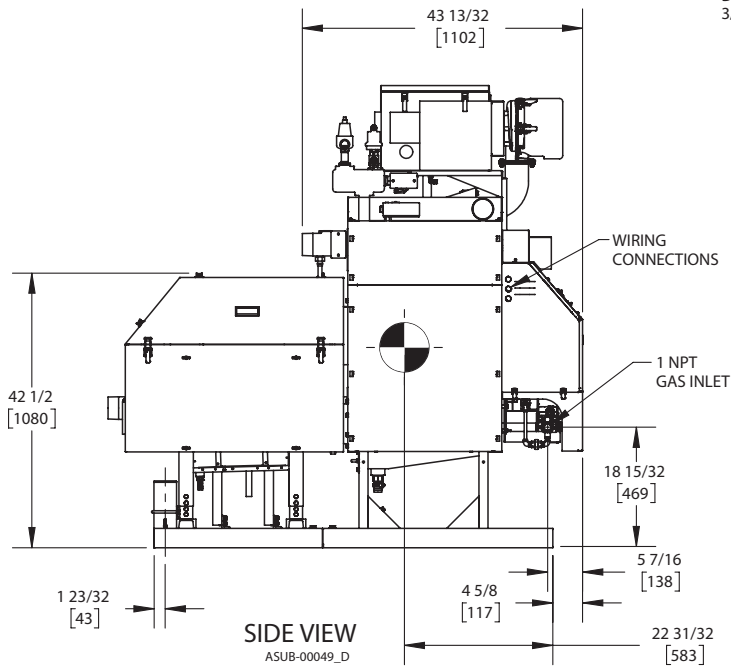
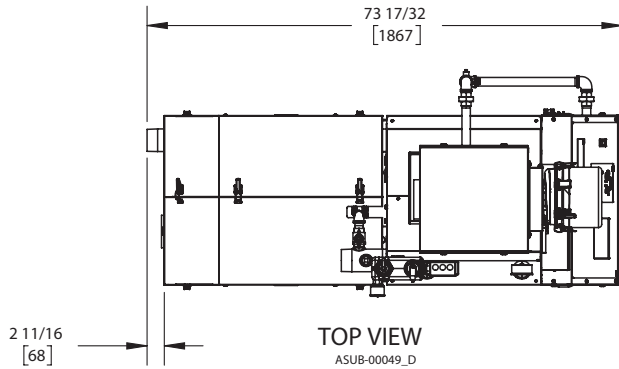
KN10+

Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1	STANDARD
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INDOOR UNIT



NOTES:

1. SYMBOL INDICATES CENTER OF GRAVITY.
2. DIMENSIONS ARE NOMINAL AND SUBJECT TO MANUFACTURING VARIATION AND SHOULD NOT BE USED FOR "ROUGHING IN".
3. ALL DIMENSIONS ARE INCHES [mm].



A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	13.9 A*
Input BTU/hr.	1,000,000 / 293 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	952,000 / 279 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	28.4	Water Volume	14.5 gal.
Electrical Requirements	120VAC/ 60 hz/ 1PH	Operating Weight	1850 lbs. / 839 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	1" Apollo	Flow Sensor	SIKA
Ignition Control	Honeywell RM7895C	Blocked Flue Switch	Cleveland NS2
Operating Control	HeatNet®	Blower Motor	Ametek
High Limit	Honeywell L4006E	L.W.C.O.	800
Main Ball Valve	1" Apollo	Relief Valve	30, 50, 75 & 100 PSI
Pilot Cock	1/4" Conbraco	Pilot Regulator	Maxitrol RV12LT

A.S.M.E.

ASME Sect IV Fire Side Htg Surface	261.8 Sq. Ft. / 24.3 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	45.17 Sq. Ft. / 4.20 Sq. M.		
CV. GPM (1PSID)	100		

*Add circulator amps.

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
95.2	6.01	2.09	6.26	47.6	3.00	.52	1.56	31.7	2.00	.23	.70	23.8	1.50	.13	.39	19.0	1.20	.08	.25

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
19.0		95.2		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.

REP FIRM _____ SUBMITTED BY _____ JOB NAME _____ ARCHITECT _____ ENGINEER _____ CONTRACTOR _____ DATE _____	KN10+ Category II or Category IV Appliance (see Installation and Operation Manual for venting information) A Division of Mestek, Inc. Westfield, MA 01085 (413) 564-5515
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