

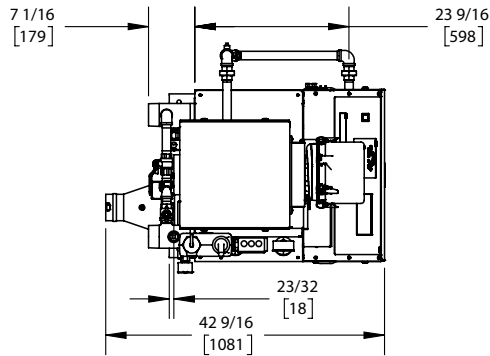
KN-6

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

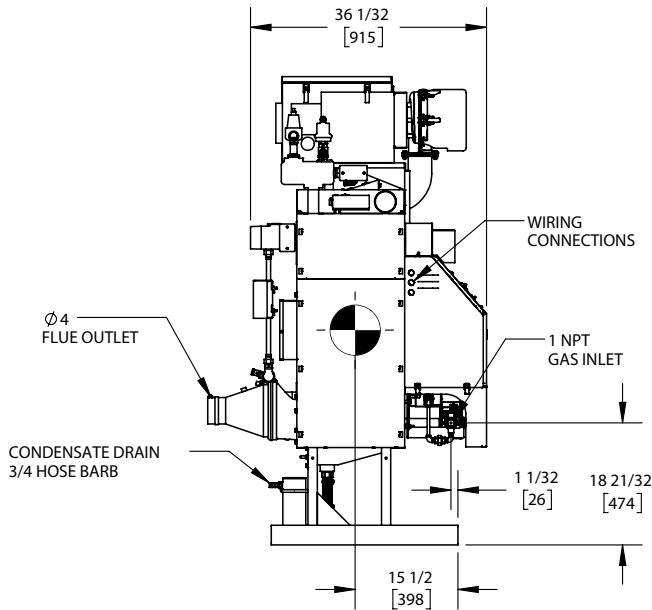
CODE OPTIONS

CSD-1	STANDARD
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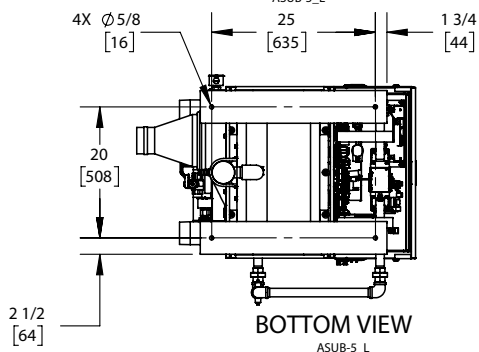
INDOOR UNIT



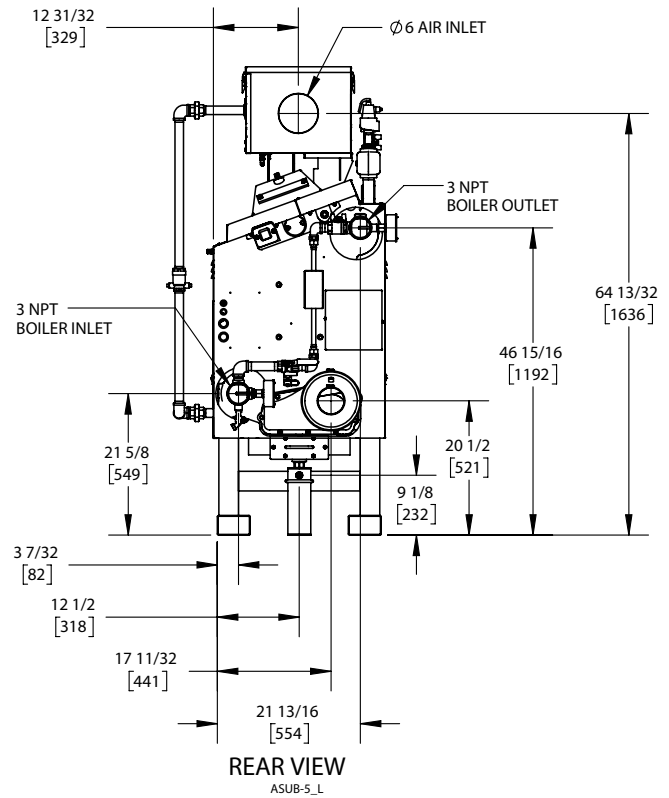
TOP VIEW
ASUB-5_L



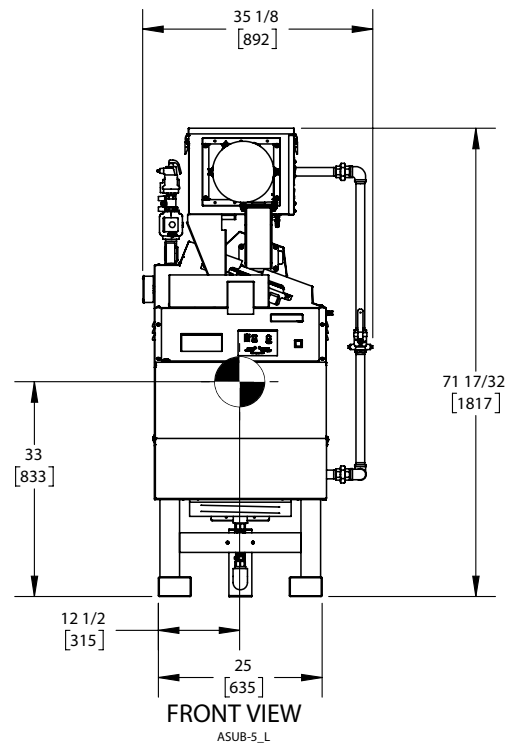
SIDE VIEW
ASUB-5_L



BOTTOM VIEW
ASUB-5_L



REAR VIEW
ASUB-5_L



FRONT VIEW
ASUB-5_L

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	15.78 A*
Input BTU/hr.	600 MBH / 176 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	540 MBH / 158 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	16.3	Water Volume	7.9 gal.
Electrical Requirements	120VAC/ 60 hz/ 1PH	Operating Weight	1150 lbs. / 522 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	White-Rodgers

A.S.M.E.

ASME Sect IV Fire Side Htg Surface	26.60 Sq. Ft. / 2.47 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	28.44 Sq. Ft. / 2.64 Sq. M.		
CV. GPM (1PSID)	62		

*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
54.0	3.40	1.75	5.20	27.0	1.70	.44	1.30	18.0	1.10	.19	.60	13.5	.90	.11	.30	10.8	.70	.07	.20

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
10.8		54.0		20		100		6		120		0		120	

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

REP FIRM	_____	KN-6
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

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



A Division of Mestek, Inc.
Westfield, MA 01085
833-265-5371