

KN6+ DUAL FUEL

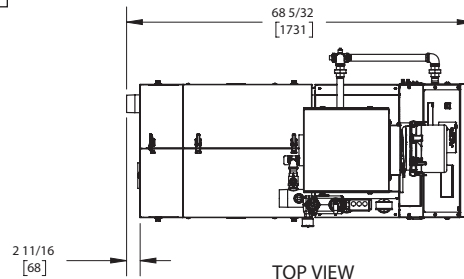
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

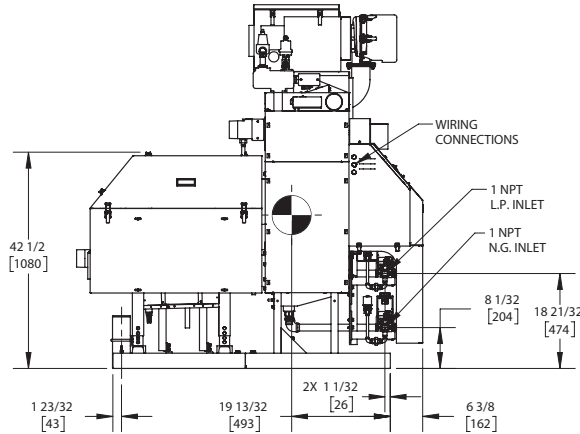
CSD-1

STANDARD

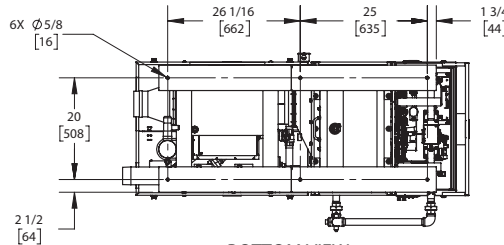
INDOOR UNIT



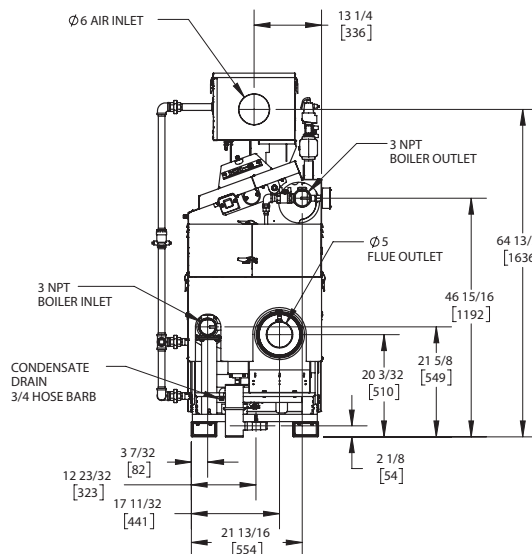
TOP VIEW
ASUB-00055_B



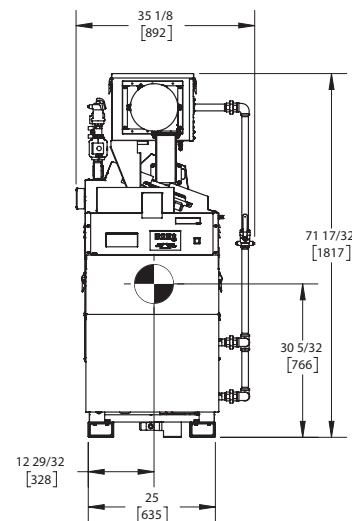
SIDE VIEW
ASUB-00055_B



BOTTOM VIEW
ASUB-00055_B



REAR VIEW
ASUB-00055_B



FRONT VIEW
ASUB-00055_B

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].



SKNP-6DF-5

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	16.52 A*
Input BTU/hr.	600,000 / 176 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	576,600 / 169 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	17.2	Water Volume	10.5 gal.
Electrical Requirements	120VAC/ 60 hz/ 1PH	Operating Weight	1485 lbs. / 674 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	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
57.7	3.64	2.00	5.97	28.8	1.82	.50	1.49	19.2	1.21	.22	.66	14.4	.91	.12	.37	11.5	.73	.08	.24

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
11.5		57.7		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	_____	KN6+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

KN10+ DUAL FUEL

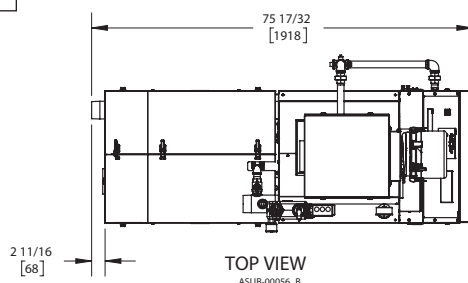
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

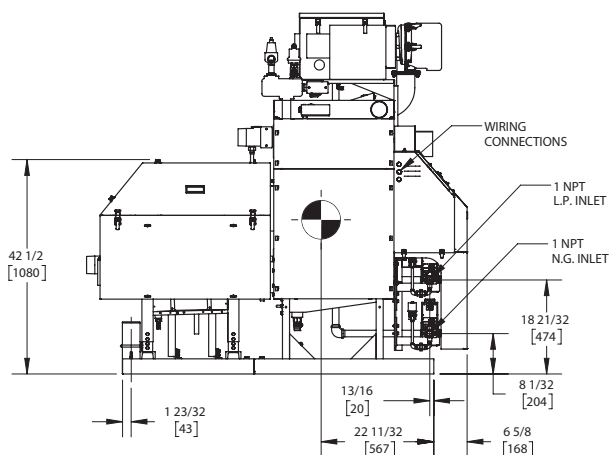
CSD-1

STANDARD

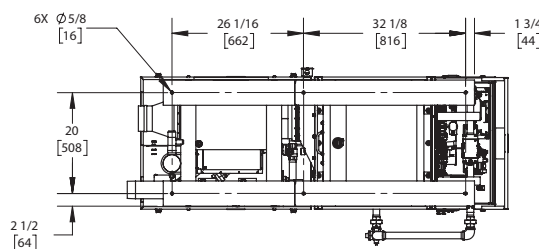
INDOOR UNIT



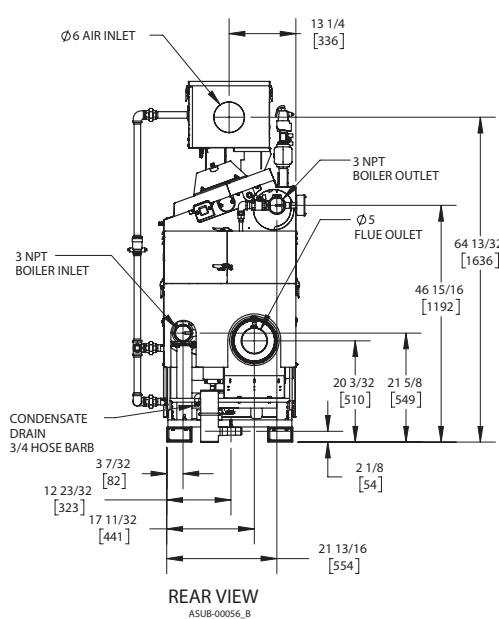
TOP VIEW
ASUB-00056_B



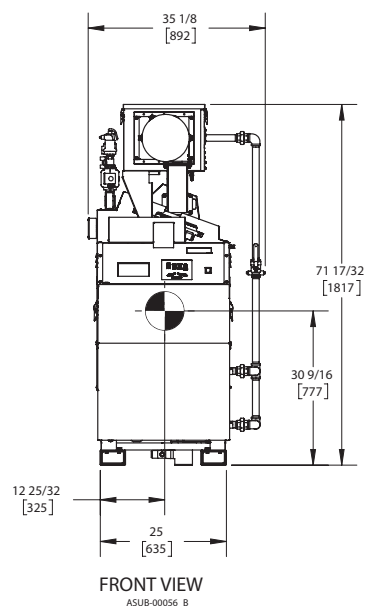
SIDE VIEW
ASUB-00056_B



BOTTOM VIEW
ASUB-00056_B



REAR VIEW
ASUB-00056_B



FRONT VIEW
ASUB-00056_B

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].



SKNP-10DF-5

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	16.52 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	39.89 Sq. Ft. / 3.71 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	42.65 Sq. Ft. / 3.96 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	_____	KN10+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

KN16+ DUAL FUEL

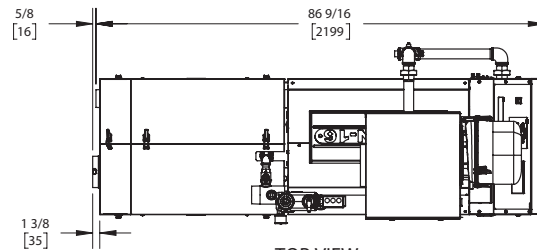
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

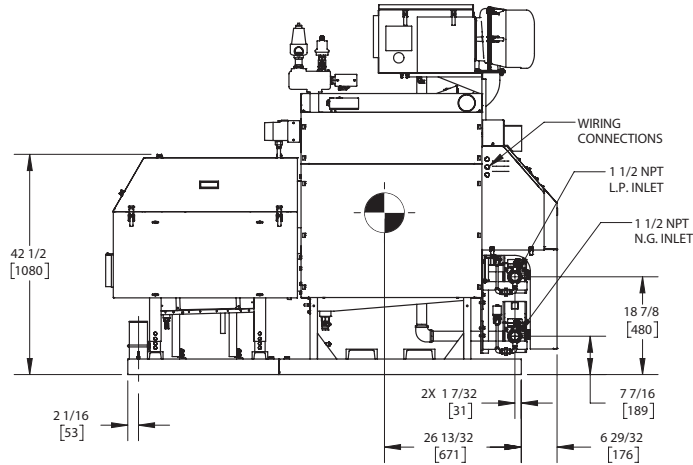
STANDARD

INDOOR UNIT



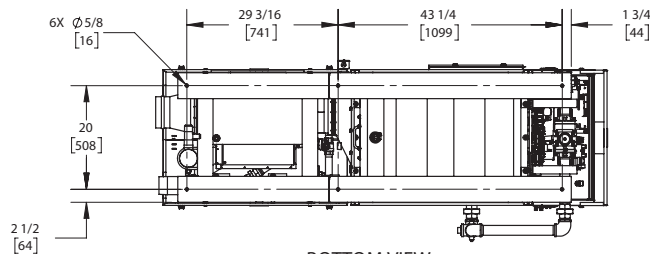
TOP VIEW

ASUB-00057_B



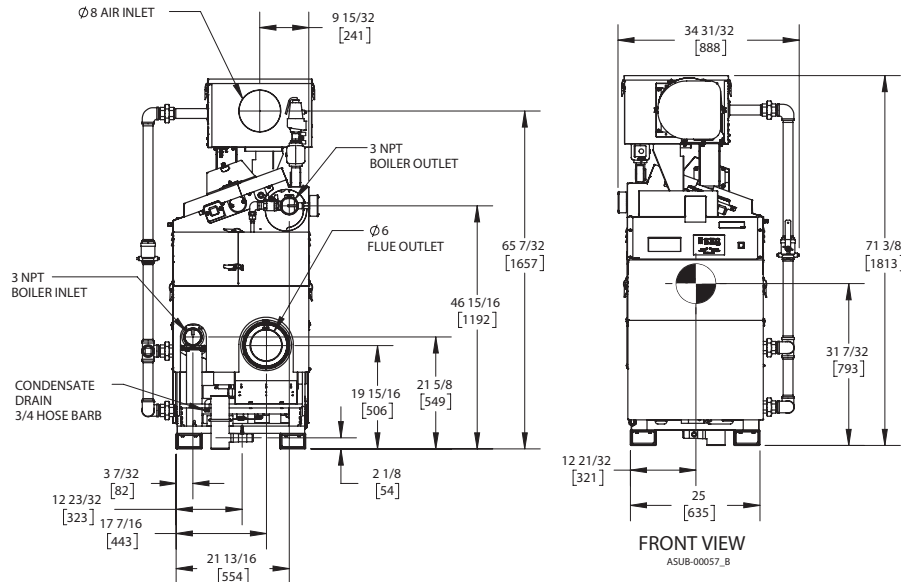
SIDE VIEW

ASUB-00057_B



BOTTOM VIEW

ASUB-00057_B



REAR VIEW

ASUB-00057_B

FRONT VIEW

ASUB-00057_B

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).



SKNP-16DF-5

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	20.81 A*
Input BTU/hr.	1,600,000 / 469 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	1,537,600 / 450 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	45.9	Water Volume	21.0 gal.
Electrical Requirements	230VAC/60 hz/1PH (with neutral)	Operating Weight	2690 lbs. / 1220 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	1-1/2" 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	1-1/2" 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	59.84 Sq. Ft. / 5.56 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	63.98 Sq. Ft. / 5.94 Sq. M.		
CV. GPM (1PSID)	140		

*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
153.8	9.70	2.79	8.33	76.9	4.85	.70	2.08	51.3	3.23	.31	.93	38.5	2.43	.17	.52	30.8	1.94	.11	.33

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
30.8		153.8		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	_____	KN16+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

KN20+ DUAL FUEL

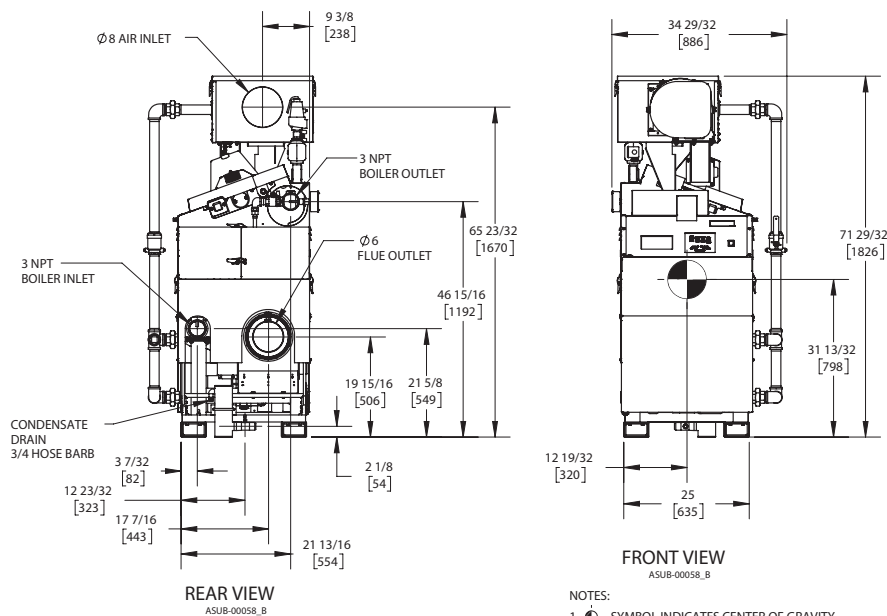
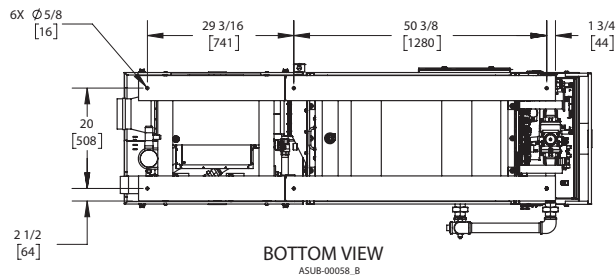
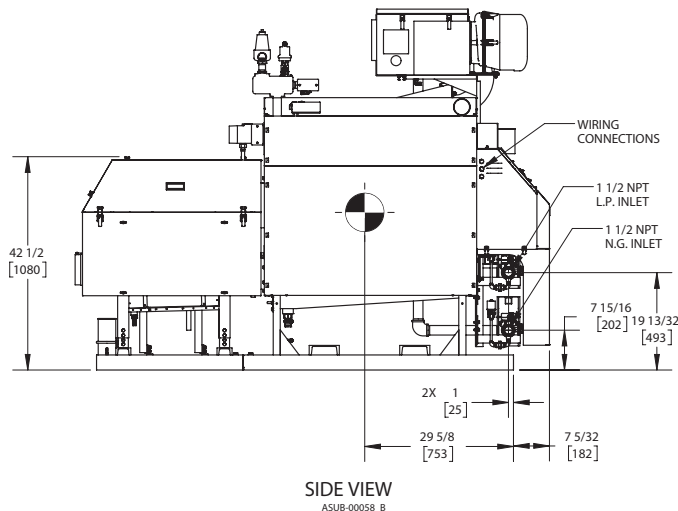
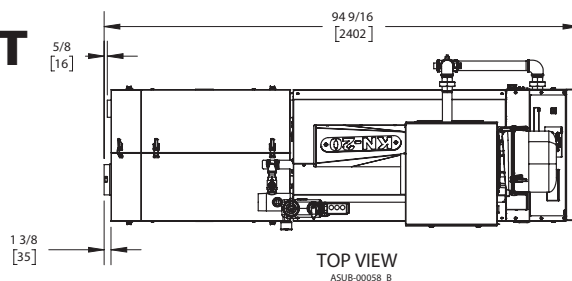
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

STANDARD

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].



SKNP-20DF-5

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	20.81 A*
Input BTU/hr.	2,000,000 / 586 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	1,904,000 / 558 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	56.9	Water Volume	24.9 gal.
Electrical Requirements	230VAC/60 hz/1PH (with neutral)	Operating Weight	3040 lbs. / 1379 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	1-1/2" 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	1-1/2" 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	73.14 Sq. Ft. / 6.80 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	78.20 Sq. Ft. / 7.26 Sq. M.		
CV. GPM (1PSID)	161		

*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
190.5	12.02	3.23	9.65	95.2	6.01	.81	2.41	63.5	4.01	.36	1.07	47.6	3.00	.20	.60	38.1	2.40	.13	.39

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
38.1		190.5		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.

REP FIRM	_____	KN20+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

KN26+ DUAL FUEL

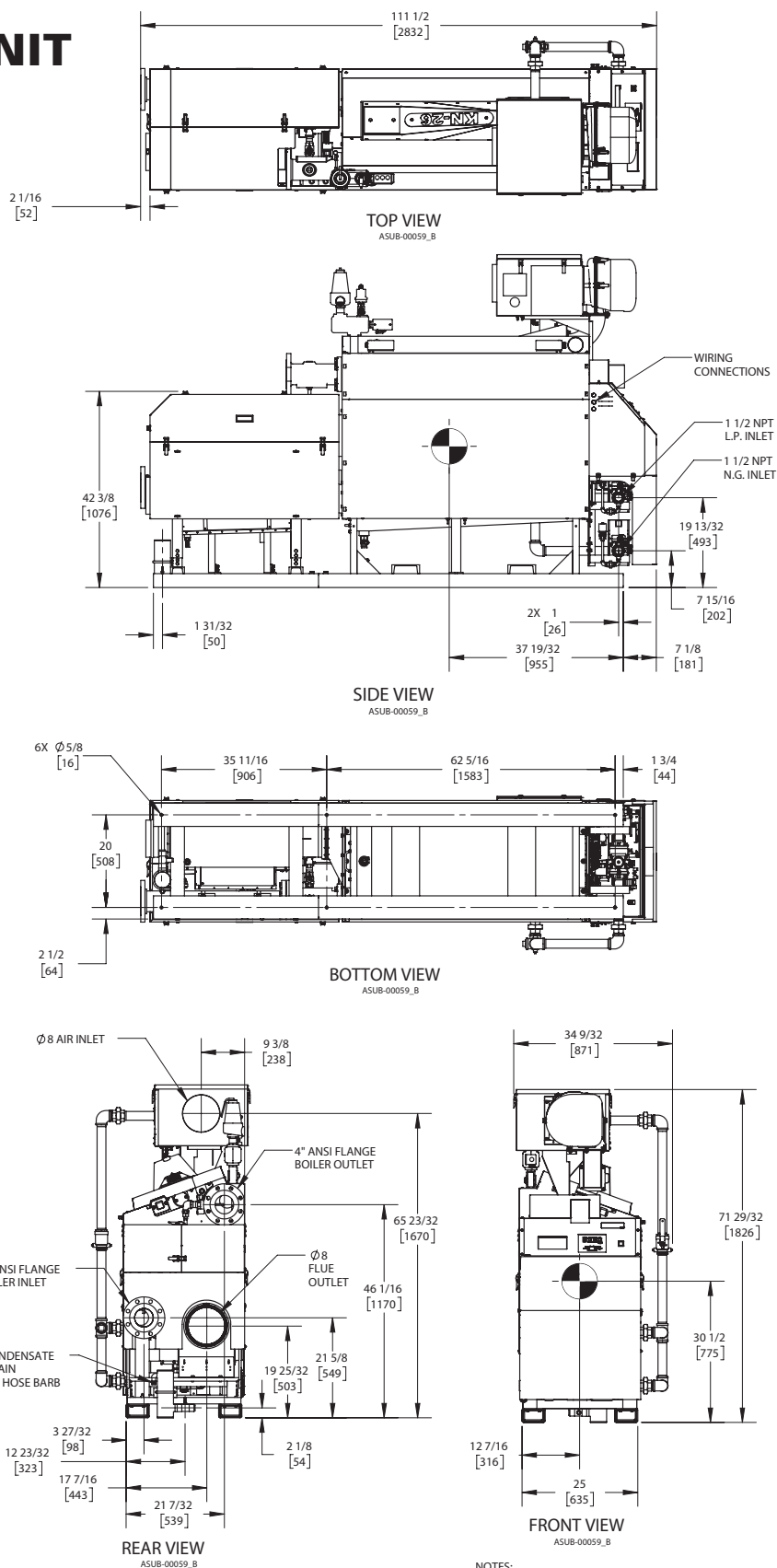
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

STANDARD

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].



SKNP-26DF-5

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/LP Gas	Boiler FLA	16.85 A*
Input BTU/hr.	2,600,000 / 762 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	2,498,600 / 732 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	74.6	Water Volume	31.9 gal.
Electrical Requirements	230VAC/60 hz/3PH	Operating Weight	3840 lbs. / 1742 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	1-1/2" Apollo	Flow Sensor	SIKA
Ignition Control	Honeywell RM7895C	Blocked Flue Switch	Cleveland NS2
Operating Control	HeatNet®	Blower Motor	Ametek
High Limit (Manual Reset)	Honeywell L4006E	L.W.C.O.	800
High Limit (Auto Reset)	Honeywell L4006A	Relief Valve	30, 50, 75 & 100 PSI
Main Ball Valve	1-1/2" Apollo	Pilot Regulator	Maxitrol RV12LT
Pilot Cock	1/4" Conbraco		

A.S.M.E.

ASME Sect IV Fire Side Htg Surface	93.08 Sq. Ft. / 8.65 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	99.53 Sq. Ft. / 9.25 Sq. M.		
CV. GPM (1PSID)	222		

*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
250.0	15.77	2.93	8.74	125.0	7.89	.73	2.19	83.3	5.26	.33	.97	62.5	3.94	.18	.55	50.0	3.15	.12	.35

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
50.0		250.0		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	_____	KN26+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	

KN30+ DUAL FUEL

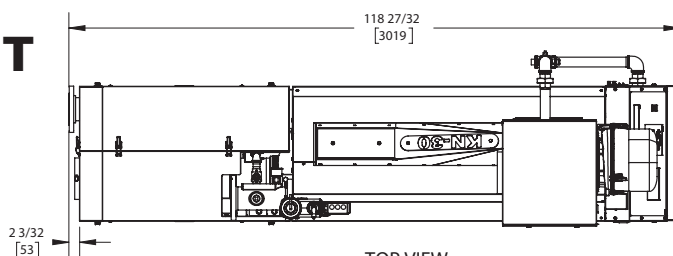
Category II or Category IV Appliance
(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

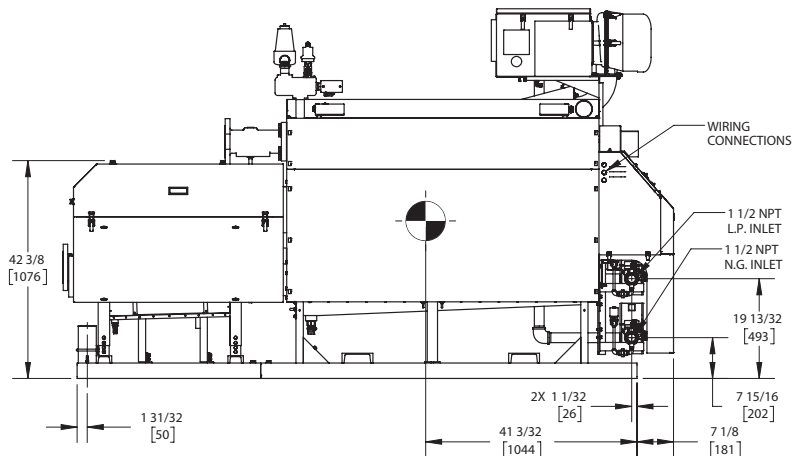
STANDARD

INDOOR UNIT



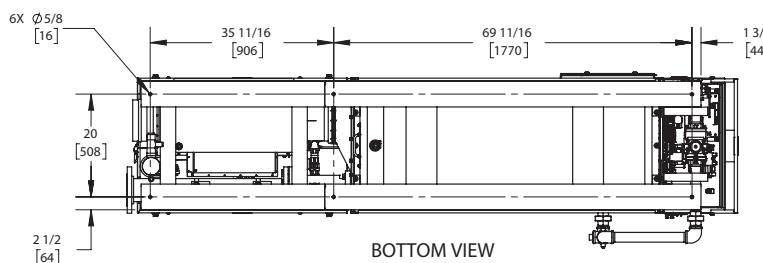
TOP VIEW

ASUB-00060_B



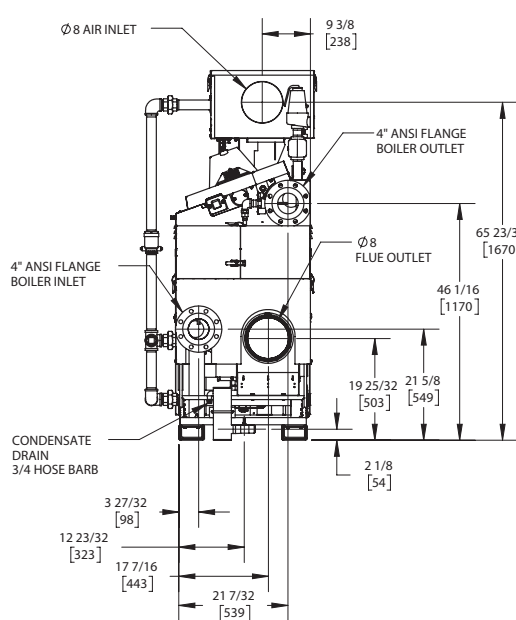
REAR VIEW

ASUB-00060_B



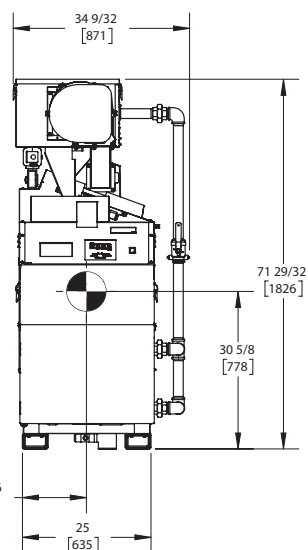
BOTTOM VIEW

ASUB-00060_B



REAR VIEW

ASUB-00060_B



FRONT VIEW

ASUB-00060_B

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	16.85 A*
Input BTU/hr.	3,000,000 / 879 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	2,856,000 / 837 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	85.3	Water Volume	35.9 gal.
Electrical Requirements	230VAC/60 hz/3PH	Operating Weight	4250 lbs. / 1928 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	1-1/2" Apollo	Flow Sensor	SIKA
Ignition Control	Honeywell RM7895C	Blocked Flue Switch	Cleveland NS2
Operating Control	HeatNet®	Blower Motor	Ametek
High Limit (Manual Reset)	Honeywell L4006E	L.W.C.O.	800
High Limit (Auto Reset)	Honeywell L4006A	Relief Valve	30, 50, 75 & 100 PSI
Main Ball Valve	1-1/2" Apollo	Pilot Regulator	Maxitrol RV12LT
Pilot Cock	1/4" Conbraco		

A.S.M.E.

ASME Sect IV Fire Side Htg Surface	106.38 Sq. Ft. / 9.88 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	113.74 Sq. Ft. / 10.57 Sq. M.		
CV. GPM (1PSID)	246		

*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
285.7	18.03	3.11	9.30	142.9	9.01	.78	2.33	95.2	6.01	.35	1.03	71.4	4.51	.19	.58	57.1	3.61	.12	.37

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
57.1		285.7		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	_____

KN30+ DUAL FUEL

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

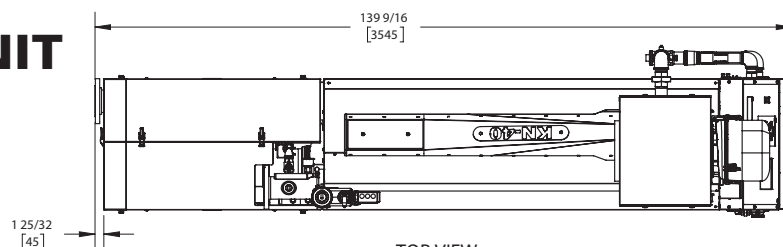
KN40+ DUAL FUEL

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

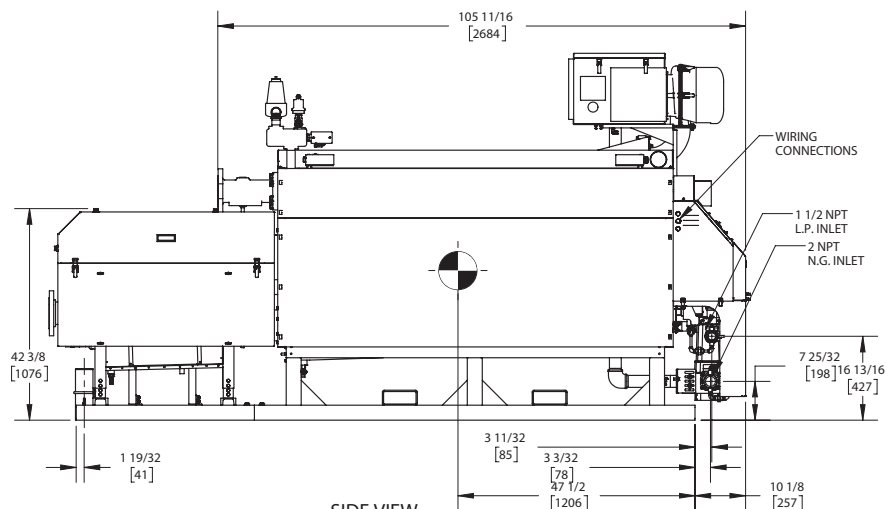
CODE OPTIONS

CSD-1	STANDARD
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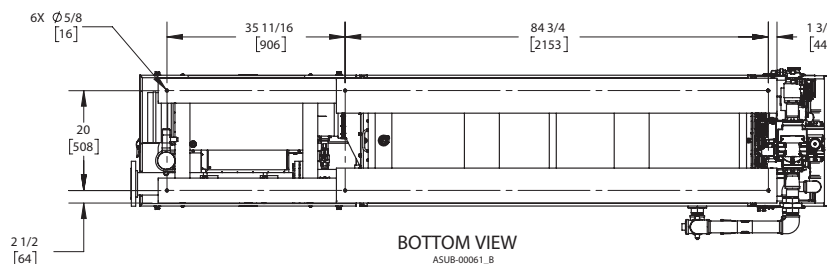
INDOOR UNIT



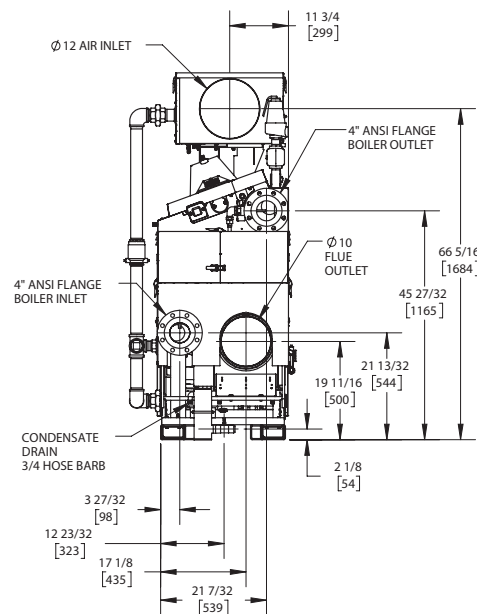
TOP VIEW
ASUB-00061_B



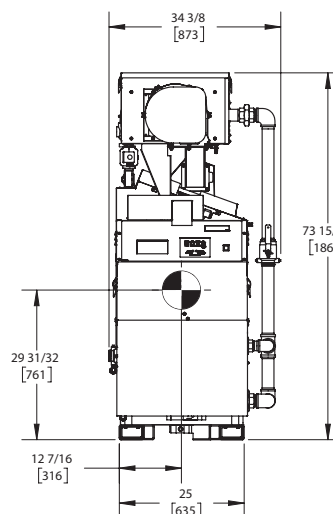
SIDE VIEW
ASUB-00061_B



BOTTOM VIEW
ASUB-00061_B



REAR VIEW
ASUB-00061_B



FRONT VIEW
ASUB-00061_B

- 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	21.93 A*
Input BTU/hr.	4,000,000 / 1172 KW	Min. Gas Pressure Required	3" W.C.
Output BTU/hr.	3,808,000 / 1116 KW	Max. Gas Pressure Allowed	14" W.C.
Boiler HP	113.8	Water Volume	47.1 gal.
Electrical Requirements	230VAC/60 hz/3PH	Operating Weight	5120 lbs. / 2322 kg.
SCCR Rating	5kA		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC	Air Switch	Huba
Firing Valve	2" Apollo	Flow Sensor	SIKA
Ignition Control	Honeywell RM7895C	Blocked Flue Switch	Cleveland NS2
Operating Control	HeatNet®	Blower Motor	Ametek
High Limit (Manual Reset)	Honeywell L4006E	L.W.C.O.	800
High Limit (Auto Reset)	Honeywell L4006A	Relief Valve	30, 50, 75 & 100 PSI
Main Ball Valve	2" Apollo	Pilot Regulator	Maxitrol RV12LT
Pilot Cock	1/4" Conbraco		

A.S.M.E.

ASME Sect IV Fire Side Htg Surface	139.63 Sq. Ft. / 12.97 Sq. M.	Design Data	100 PSI & 250°F
ASME Sect IV Water Side Htg Surface	149.29 Sq. Ft. / 13.87 Sq. M.		
CV. GPM (1PSID)	271		

*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
381.0	24.03	4.56	13.63	190.5	12.02	1.14	3.41	127.0	8.01	.51	1.51	95.2	6.01	.28	.85	76.2	4.81	.18	.55

Flow GPM				Temp. Rise** (°F)				Vent Length (Equiv. Ft.)				Air Inlet Length (Equiv. Ft.)			
Min		Max		Min		Max		Min		Max		Min		Max	
76.2		381.0		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	_____	KN40+ DUAL FUEL 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	