

4

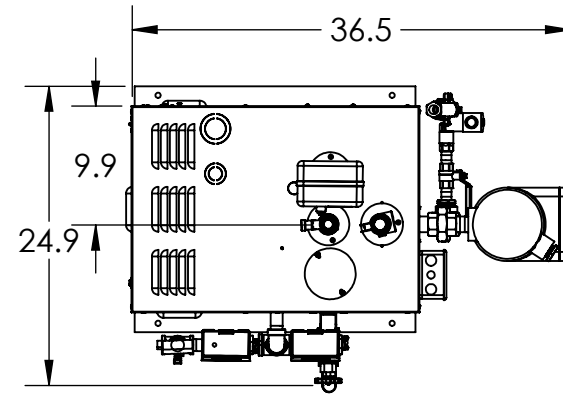
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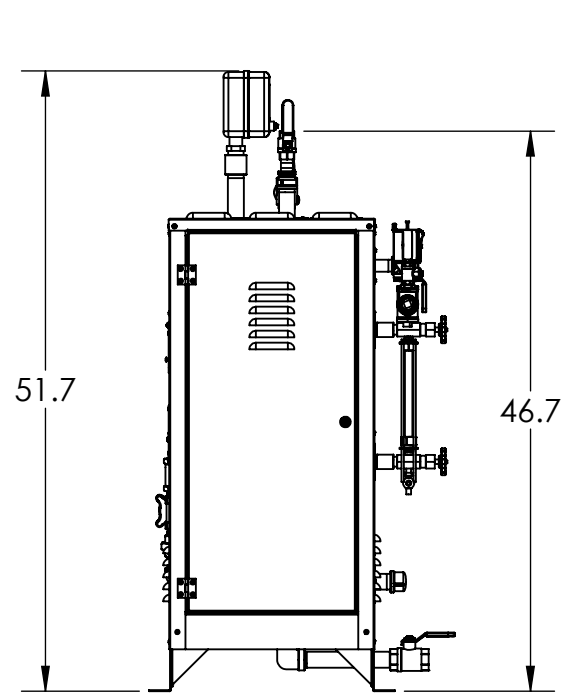
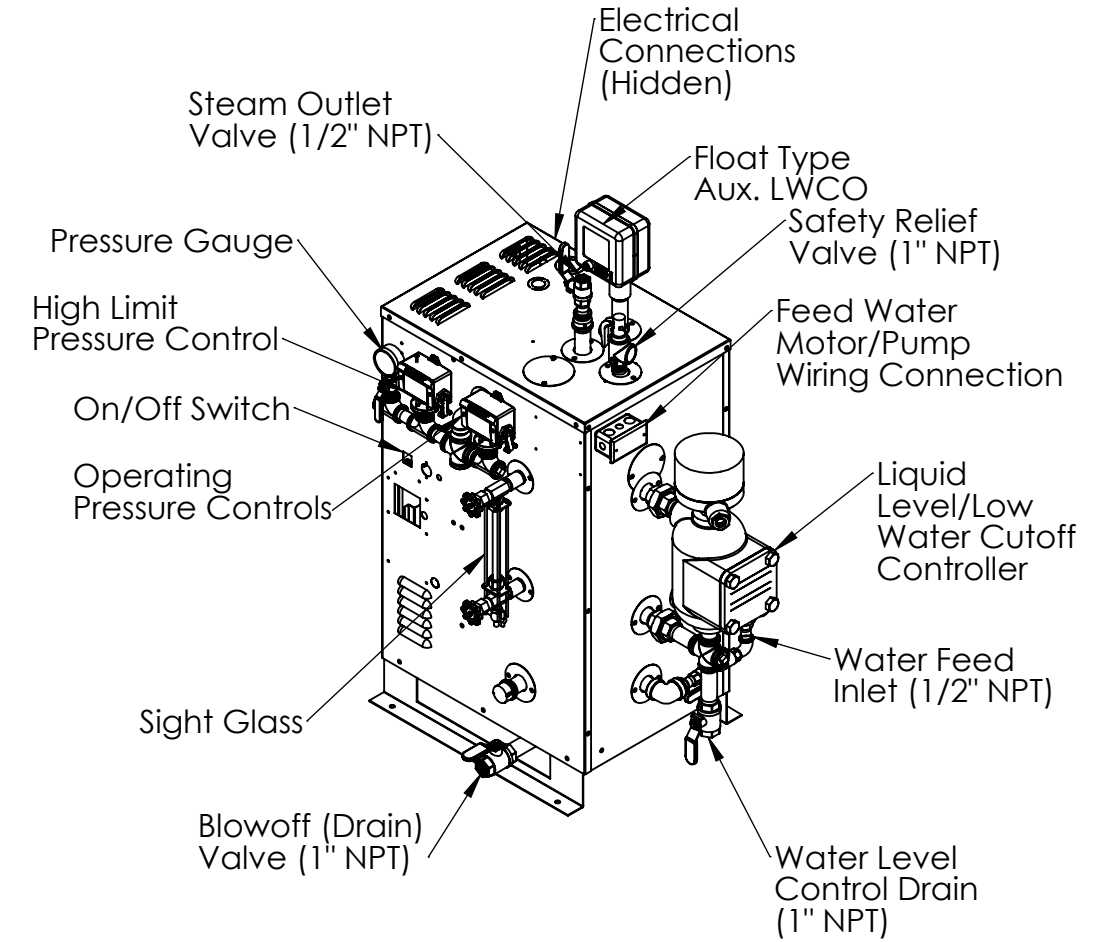
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Notes:

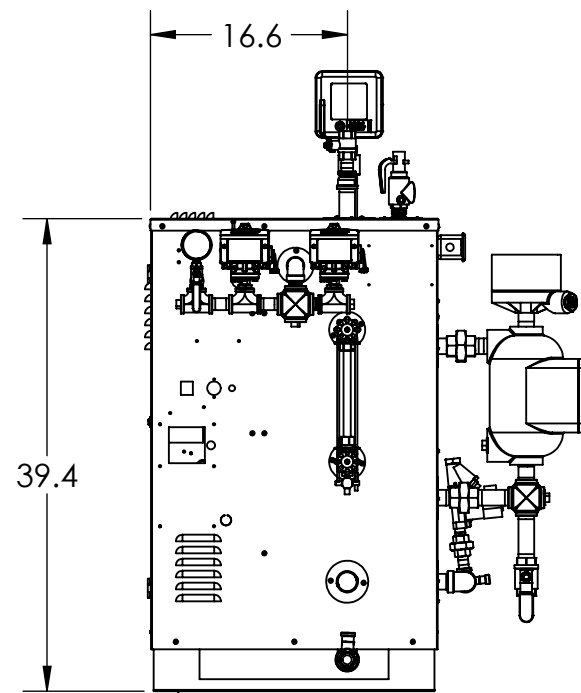
- 1. For SSB24-SSB72, 15, 50, and 100psi trims, all voltages and phase except SSB72, 208V/3ph
- 2. For SSB72 208V/3 boilers, see Sheets 3 & 4 for dimensions and clearance requirements
- 3. Boiler is UL listed to standard 834
- 4. Materials of construction:
  - 1. Vessel and Piping: Stainless Steel
  - 2. Jacket: Stainless Steel
- 5. Pressure vessel built in accordance with ASME Section 1 and carries an "M" stamp
- 6. Completed boiler is built in accordance with ASME Section 1 and carries an "E" Stamp
- 7. Refer to Technical Data Sheet at [www.sussmanboilers.com](http://www.sussmanboilers.com) for more information



Top

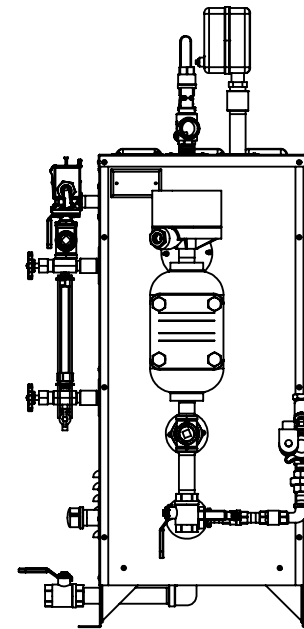


Left



Front

Mounting Holes:  
4 Ø .437"



Right

DIMENSIONS ARE SHOWN IN INCHES [CENTIMETERS]  
 TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED  
 X.XX X.XXX X.XXXX ANGULAR FINISH  
 ±.12 ±.031 ±.0156 ±1.0° 250  
 REMOVE AND DEBURR SHARP EDGES AND CORNERS  
 ALL DIMENSIONS ARE AFTER FINISH OR PLATING  
 REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES ( )  
 CRITICAL DIMENSIONS ARE SHOWN IN

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439 MAIN RD. TOWACO NJ 07082  
 PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE SSB24-SSB72 Electric Steam Boiler  
 15PSI, 50 PSI, 100 PSI  
 \* Excludes SSB72 208V/3

A	FOR RELEASE	JH	3/4/24	THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
REV	ECN	REVISION DESCRIPTION	NAME	DATE	1:16		DRAWN BY	JH	3/4/24	SSB24-SSB72
							CHECKED BY		SHEET 1 OF 4	

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## Notes:

1. Minimum 1" clearance to all combustible materials
2. Service clearances to be in conformance to NEC requirements

Boiler	kW	Pressure	Elements	Voltage	Amp Draw	Control Voltage	Steam Flowrate (lbs/hr)	Feed Water Consumption (GPM)	Recommended Min. Feed Water Rate (gpm)
SSB24	24	15 50 100	2 x 12kw	208	115(1P) 67	120	72.3	0.145	0.434
				240	100(1P) 58	240			
				380	63(1P) 37	240			
				415	58(1P) 33	120			
				480	50(1P) 29	120			
SSB30	30		1 x 12kw 1 x 18kw	208	144(1P) 83	120	90.4	0.181	0.542
				240	125(1P) 72	240			
				380	79(1P) 46	240			
				415	72(1P) 42	120			
				480	63(1P) 36	120			
SSB36	36	2 x 18kw	208	173(1P) 100	120	108	0.216	0.648	
			240	150(1P) 87	240				
			380	95(1P) 55	240				
			415	87(1P) 50	120				
			480	75(1P) 43	120				
SSB48	48	1 x 12kw 2 x 18kw	208	231(1P) 133	120	145	0.290	0.870	
			240	200(1P) 116	240				
			380	127(1P) 73	240				
			415	116(1P) 67	120				
			480	100(1P) 58	120				
SSB60	60	2 x 12kw 2 x 18kw	208	167	120	181	0.362	1.086	
			240	145	240				
			380	91	240				
			415	84	120				
			480	72	120				
SSB72	72	4 x 18kw	*208	*200	120	217	0.434	1.302	
			240	173	240				
			380	109	240				
			415	100	120				
			480	87	120				
600	69	120							

\* See Sheets 3&4 for SSB72XXXB3 for SSB72, 208V, 3ph boilers

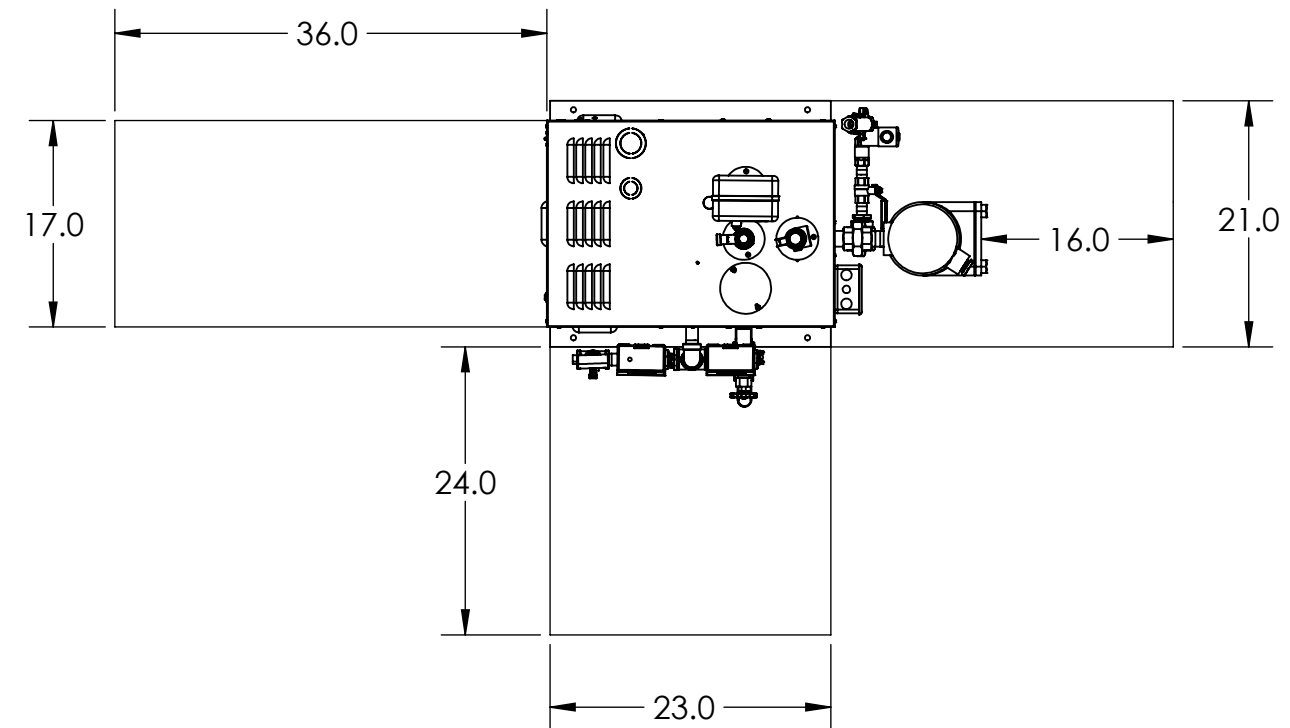
Boiler	Total Volume (gal)	Operating Volume (gal)	Dry Weight (LBS.)	Wet Weight (LBS.)	Shipping Weight (LBS.)	Steam Outlet Size (NPT)	Water Feed Inlet Size (NPT)	Drain Outlet Size (NPT)	Safety Valve Outlet Size (NPT)
SSB24-SSB36	14.3	8.96	263	338	310	1/2"	1/2"	1"	1"
SSB48-SSB72						3/4" (15, 50) 1/2" (100)			

Note: All weights do not include options. See option drawings for additional weights

REV	ECN	REVISION DESCRIPTION	NAME	DATE
A		FOR RELEASE	JH	3/4/24


## Service Clearance Requirements

\*Excludes SSB72 208V/3



DIMENSIONS ARE SHOWN IN INCHES (CENTIMETERS)  
TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED

X.XX X.XXX X.XXXX ANGULAR FINISH  
±.12 ±.031 ±.0156 ±1.0° 250

REMOVE AND DEBURR SHARP EDGES AND CORNERS  
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REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES ( )  
CRITICAL DIMENSIONS ARE SHOWN IN 

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THIRD ANGLE PROJECTION



DWG. SCALE

1:16

MATERIAL SPEC:

  
439 MAIN RD. TOWACO NJ 07082  
PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE SSB24-SSB72 Electric Steam Boiler

15PSI, 50 PSI, 100 PSI

\* Excludes SSB72 208V/3

NAME	DATE	DWG#	REV
DRAWN BY JH	3/4/24	SSB24-SSB72	
CHECKED BY		SHEET 2 OF 4	

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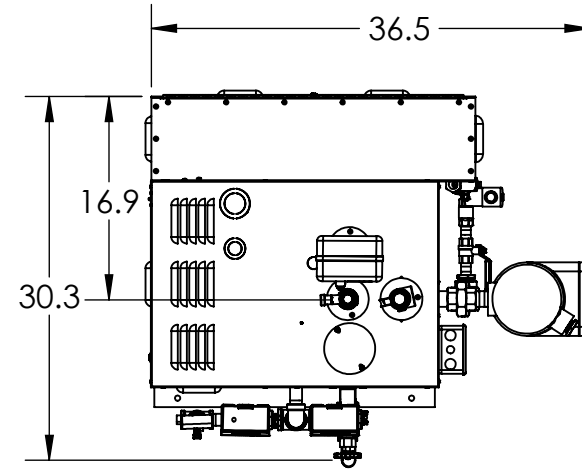
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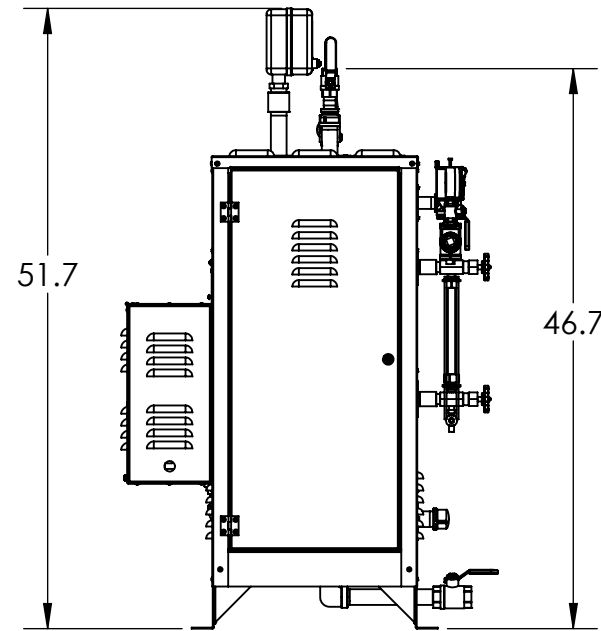
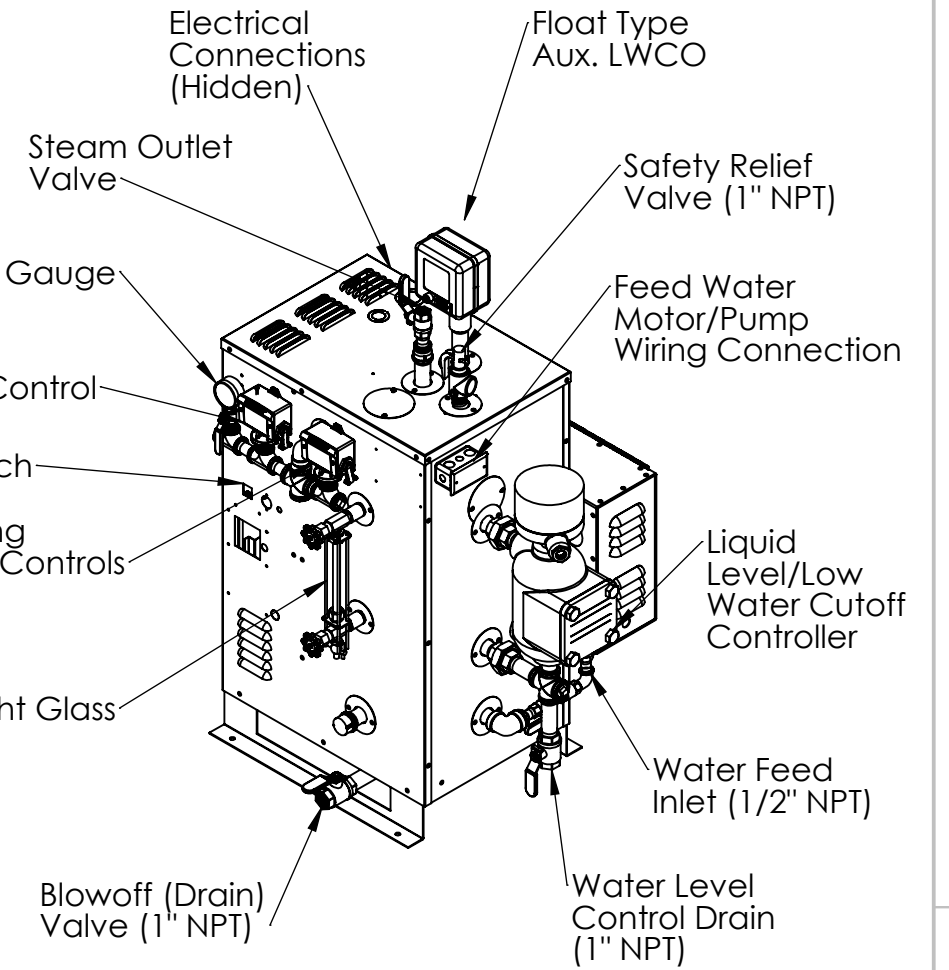
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Notes:

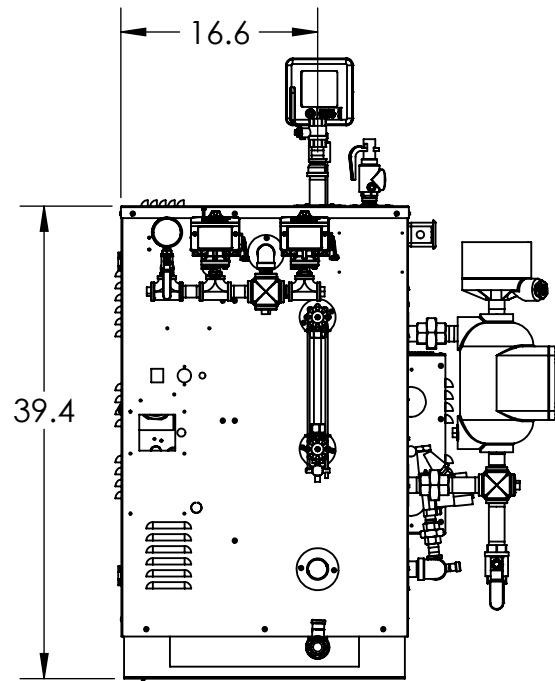
- 1. For SSB72 208V/3 boilers only
- 2. Boiler is UL listed to standard 834
- 3. Materials of construction:
  - 1. Vessel and Piping: Stainless Steel
  - 2. Jacket: Stainless Steel
- 4. Pressure vessel built in accordance with ASME Section 1 and carries an "M" stamp
- 5. Completed boiler is built in accordance with ASME Section 1 and carries an "E" Stamp
- 6. Refer to Technical Data Sheet at [www.sussmanboilers.com](http://www.sussmanboilers.com) for more information



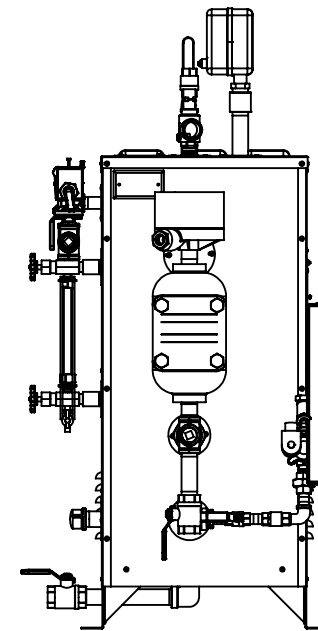
Top



Left



Front



Right

Mounting Holes:  
4 x Ø .437"

DIMENSIONS ARE SHOWN IN INCHES [CENTIMETERS]  
 TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED  
 X.XX X.XXX X.XXXX ANGULAR FINISH  
 ±.12 ±.031 ±.0156 ±1.0° 250  
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439 MAIN RD. TOWACO NJ 07082  
 PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE  
 SSB72 Electric Steam Boiler  
 15PSI, 50 PSI, 100 PSI 208V 3Ph

A		FOR RELEASE	JH	3/4/24	THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:		NAME	DATE	DWG#	REV
REV	ECN	REVISION DESCRIPTION	NAME	DATE		1:24		DRAWN BY	JH	3/4/24	SSB72XXXB3	
								CHECKED BY			SHEET 3 OF 4	

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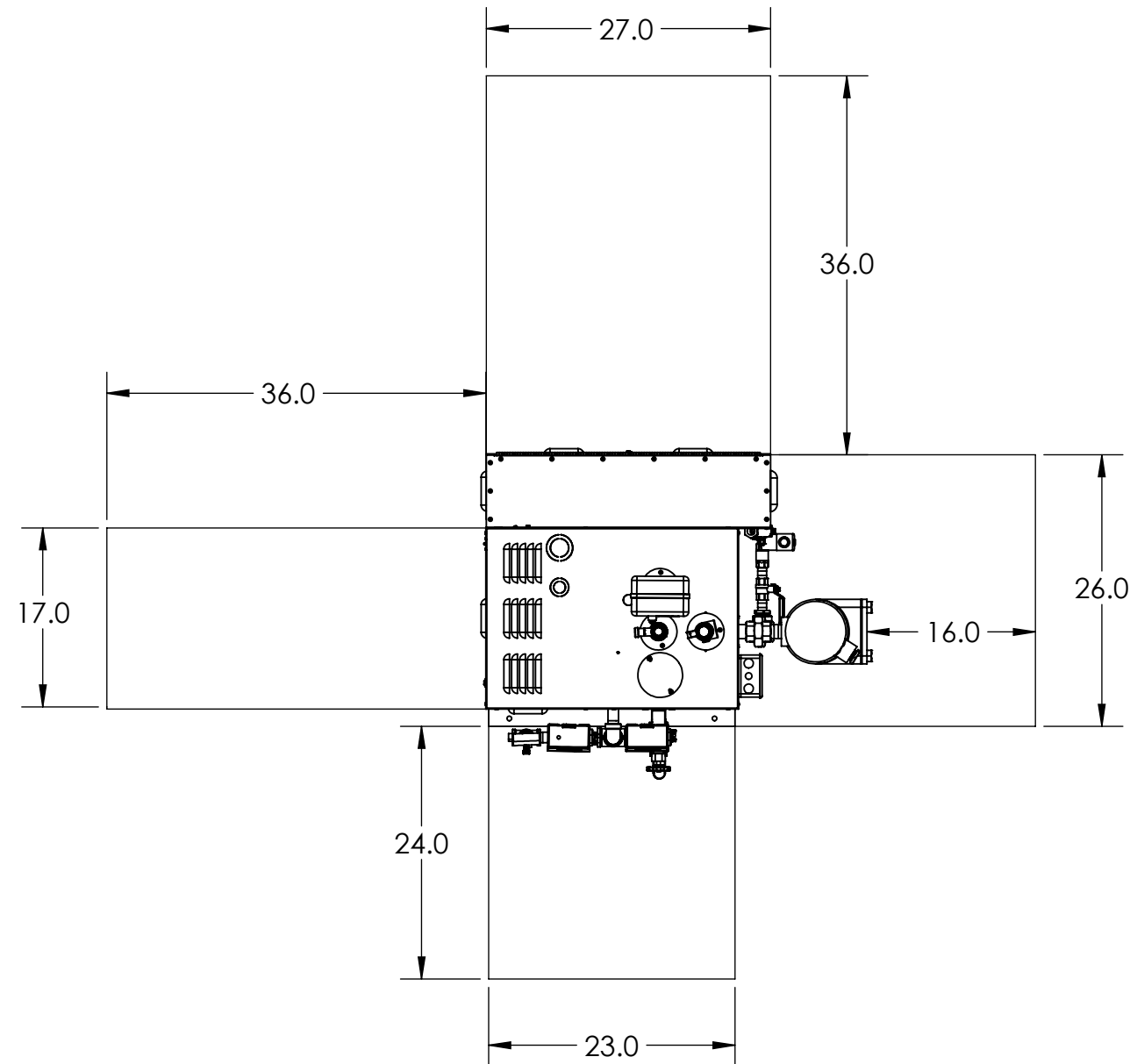
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## Notes:

1. For SSB72 208V/3 boilers only
2. Minimum 1" clearance to all combustible materials
3. Service clearances to be in conformance to NEC requirements

## Service Clearance Requirements



Boiler	kW	Pressure	Elements	Voltage	Amp Draw	Control Voltage	Steam Flowrate (lbs/hr)	Feed Water Consumption (GPM)	Reccomended Min. Feed Water Rate (gpm)
SSB72	72	15 50 100	4 x 18kw	208	200	120	217	0.434	1.302
Boiler	Total Volume (gal)	Operating Volume (gal)	Dry Weight (LBS.)	Wet Weight (LBS.)	Shipping Weight (LBS.)	Steam Outlet Size (NPT)	Water Feed Inlet Size (NPT)	Drain Outlet Size (NPT)	Safety Valve Outlet Size (NPT)
SSB72	14.3	8.96	263	338	310	3/4" (15, 50) 1/2" (100)	1/2"	1"	1"
Note: All weights do not include options. See option drawings for additional weights									

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X.XX X.XXX X.XXXX ANGULAR FINISH  
±.12 ±.031 ±.0156 ±1.0° 250  
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REV	ECN	REVISION DESCRIPTION	NAME	DATE	1:16		JH	3/4/24	SSB72XXXB3	
							CHECKED BY		SHEET 4 OF 4	

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