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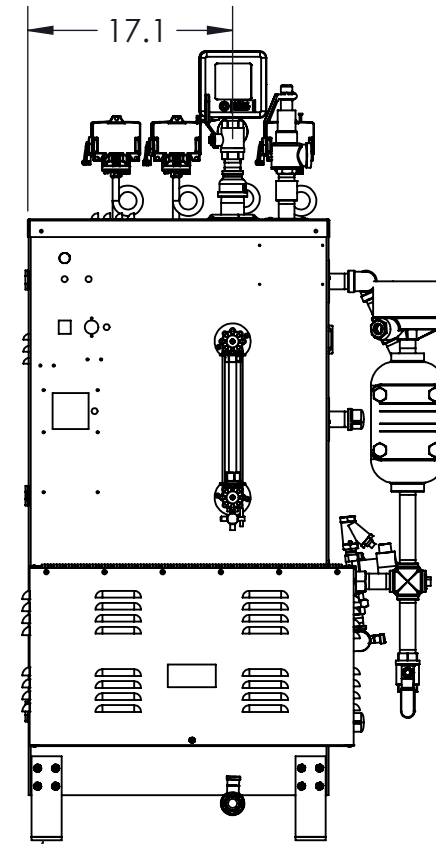
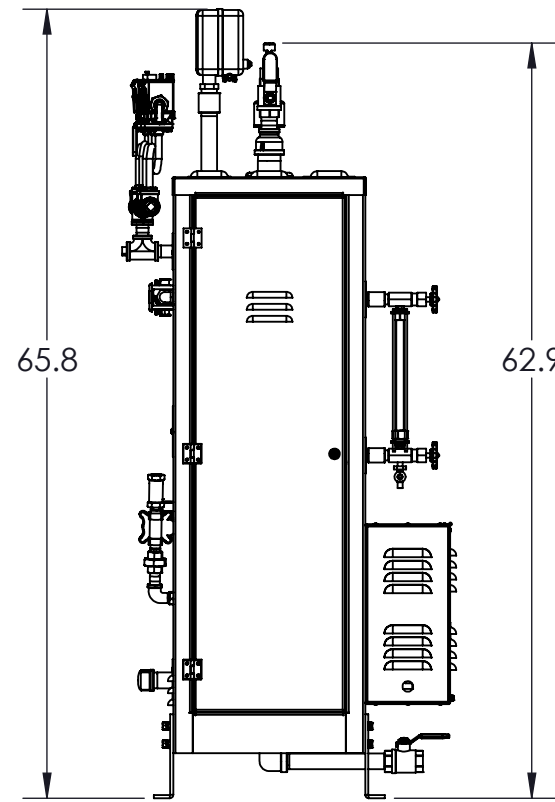
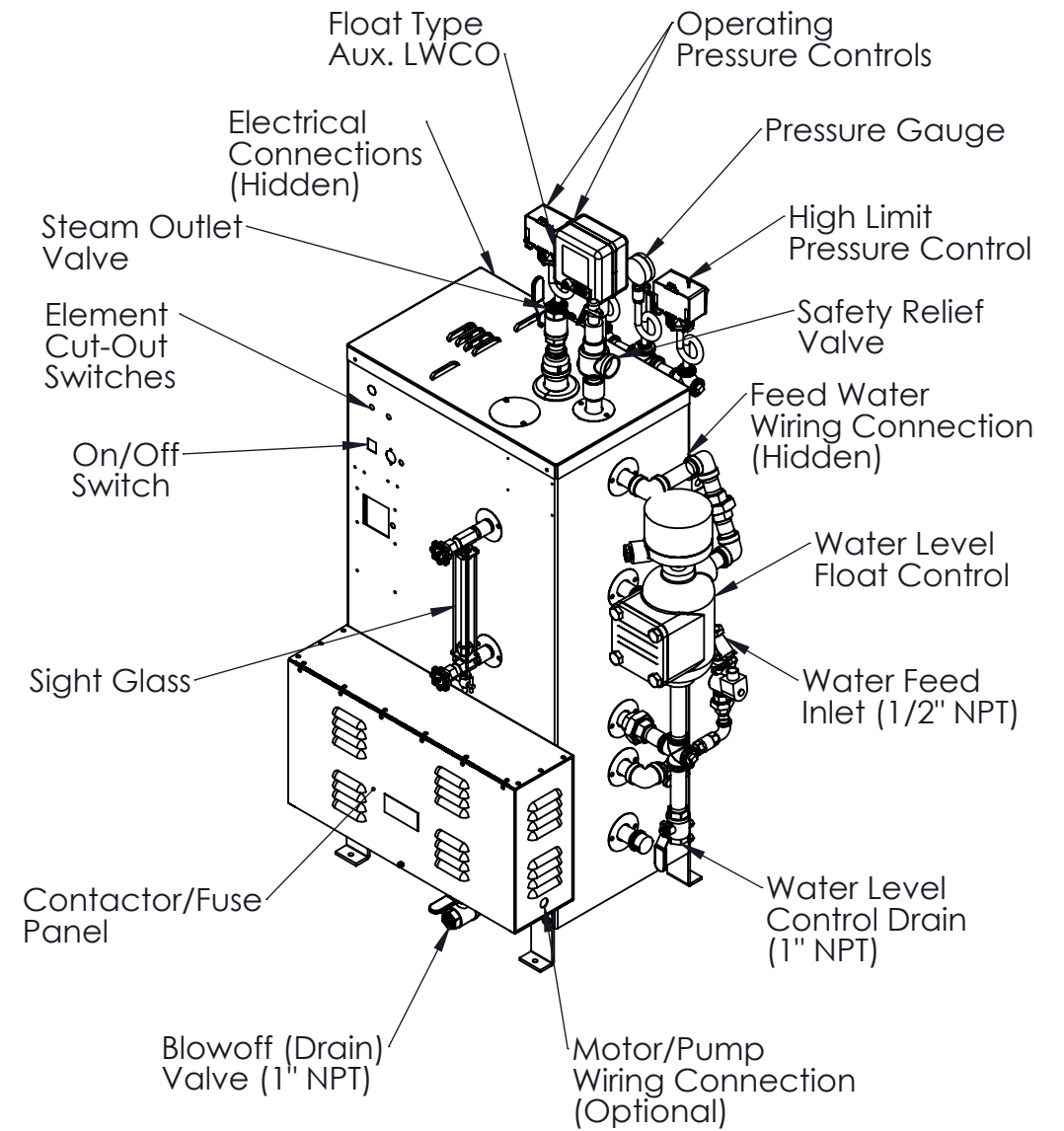
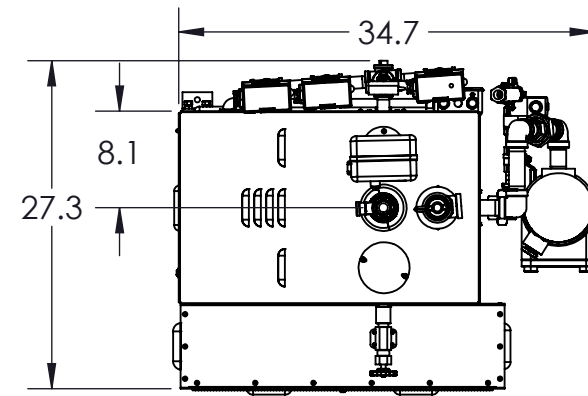
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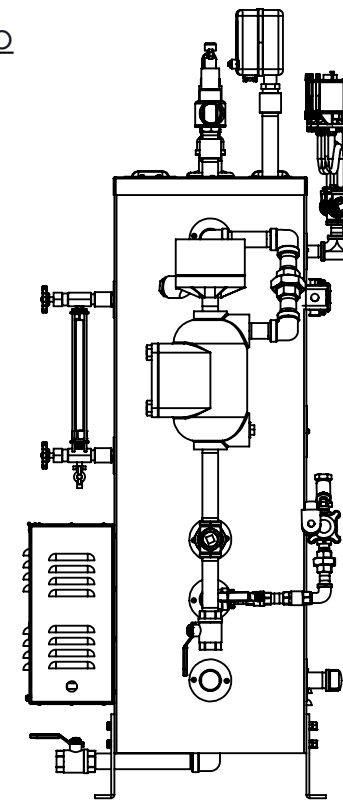
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Notes:

- 1. For SSB85 to SSB100, 15, 50, and 100psi trims, 380V, 415V, 480V, & 600V, 3ph
- 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 for more information



Top



Left

Mounting Holes:
4 x Ø.437

Front

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
 SSB85-SSB100 Electric Steam Boiler
 15PSI, 50PSI, 100PSI, 380V, 415V, 480V,
 600V, 3PH

A		FOR RELEASE	JH	2/26/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		JH	2/26/24	SSB85-SSB100	
			CHECKED BY		SHEET 1 OF 2	

4

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2

1

4

3

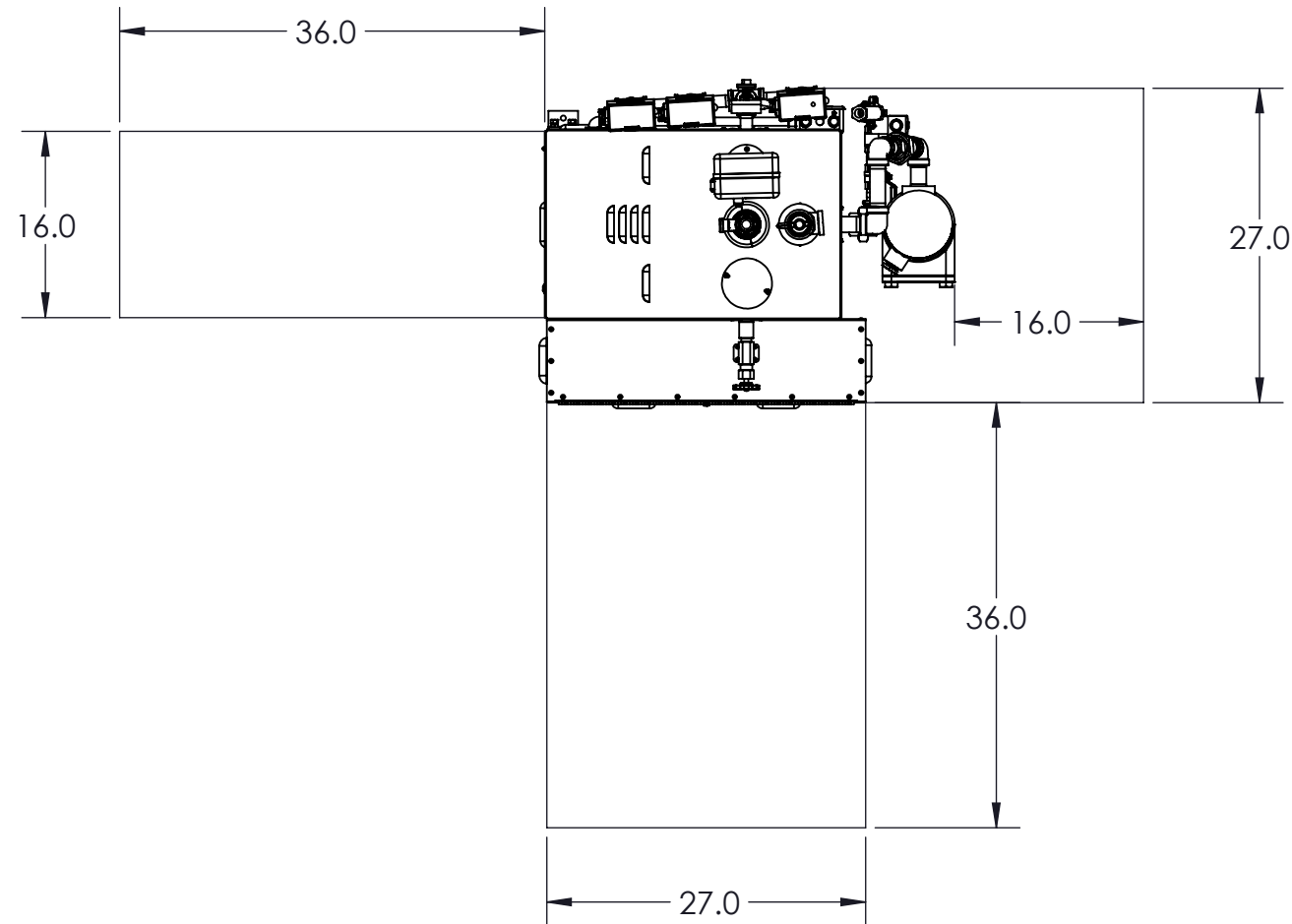
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Notes:

1. Minimum 1" clearance to all combustible materials
2. 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)	Recommened Min. Feed Water Rate (gpm)
SSB85	84	15 50 100	4 x 18kw 1 x 12kw	380	128	240	256	0.51	1.52
				415	117	120			
				600	81	120			
SSB100	108		6 x 18kw	380	164	240	325	0.65	1.95
				415	150	120			
				480	130	104			

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)
SSB85	28	17.5	435	586	680	1" (15)	1/2"	1"	1-1/2" (15)
SSB100						3/4" (50&100)			1-1/4" (100)

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

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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THIRD ANGLE PROJECTION



DWG. SCALE

1:16

MATERIAL SPEC:

NAME

JH

DATE

2/26/24

DWG#

SSB85-SSB100

REV

CHECKED BY

SHEET 2 OF 2

4

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