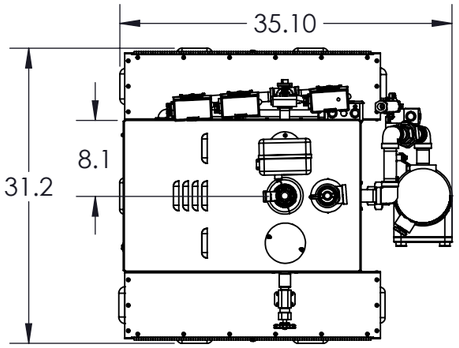
Notes:

1. For SSB85 to SSB100, 15, 50, and 100psi trims, 208V &240V, 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



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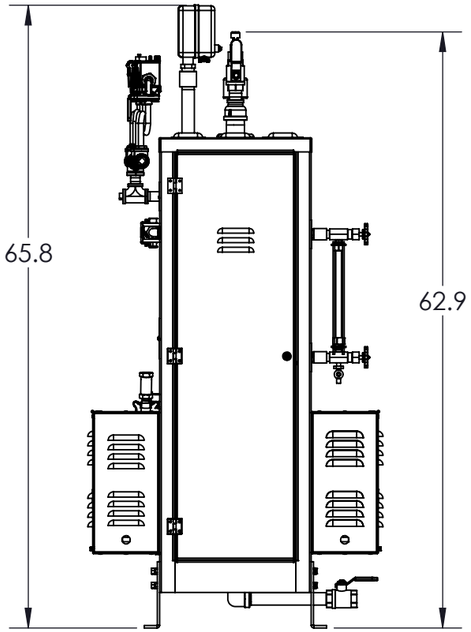

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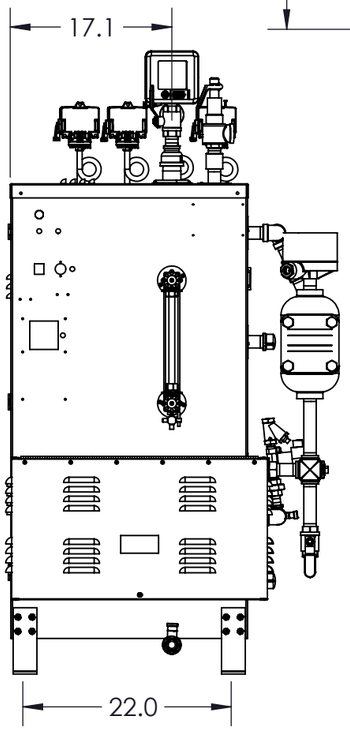

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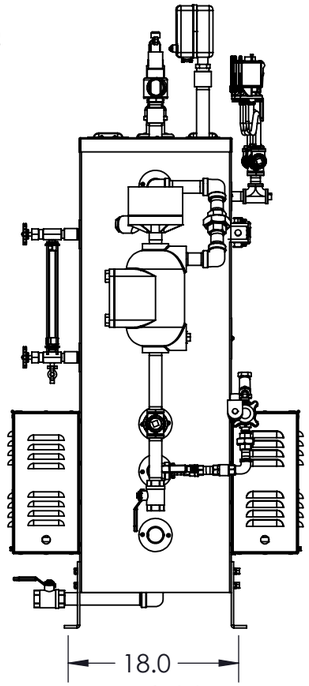

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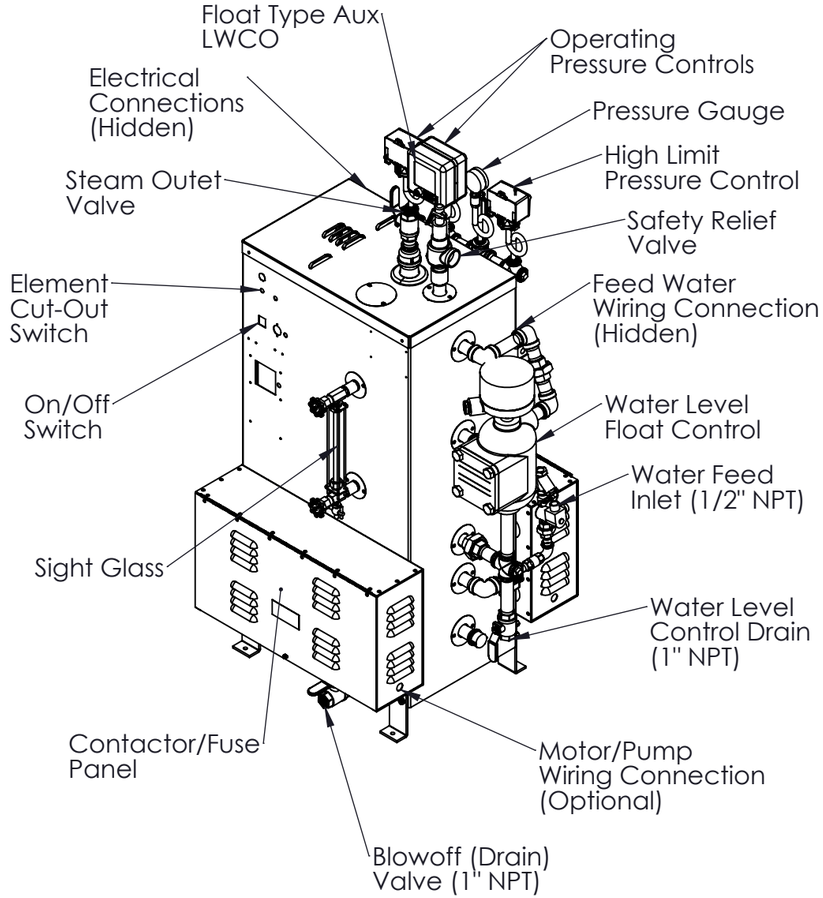

DIMENSIONS ARE SHOWN IN INCHES [CENTIMETERS]
TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED

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

THIRD ANGLE PROJECTION

DWG. SCALE: 1:16

MATERIAL SPEC:

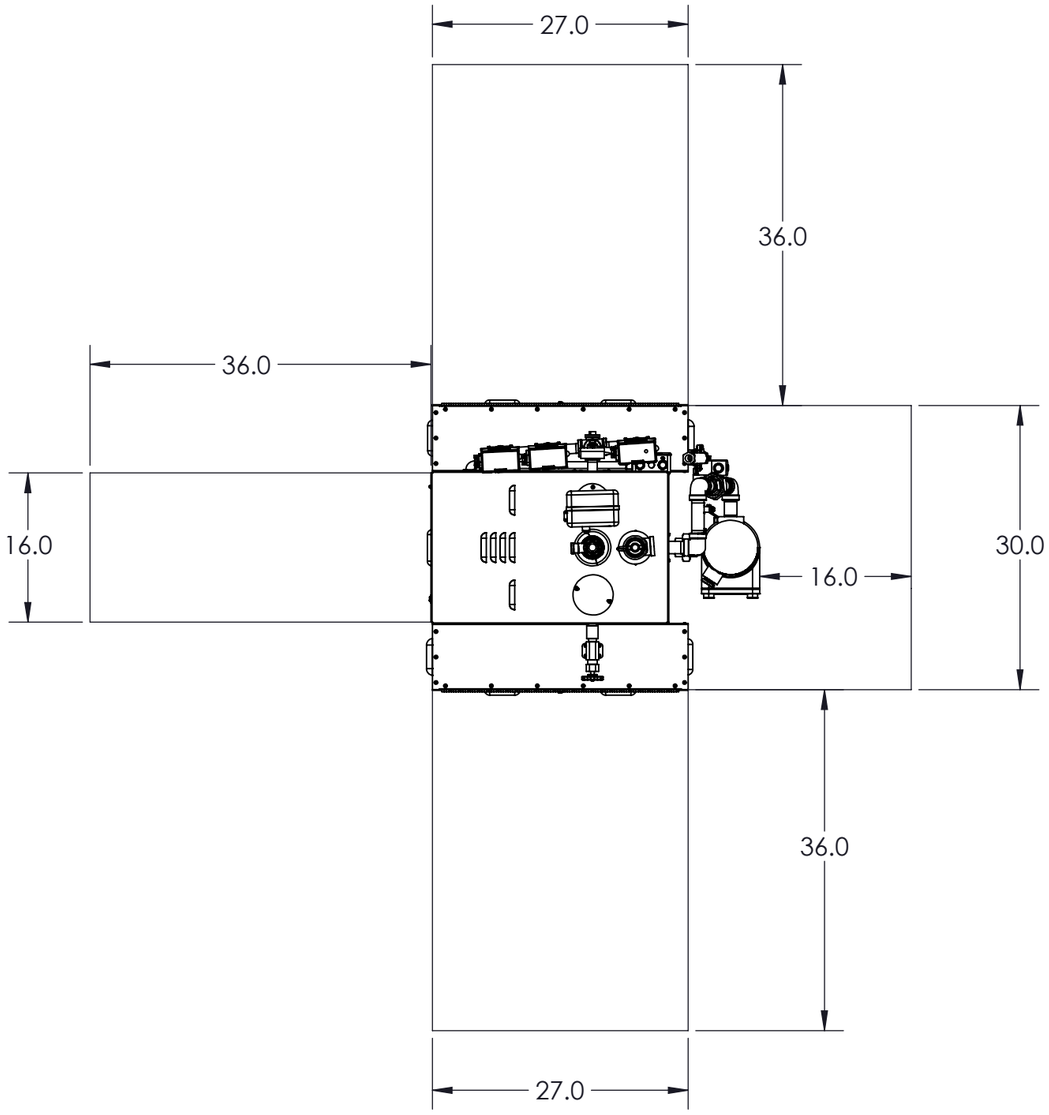
SUSSMAN ELECTRIC BOILERS
439 MAIN RD. TOWACO NJ 07082
PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE: SSB85-SSB100 Electic Steam Boiler
15PSI, 50PSI, 100PSI, 208V, 240V, 3PH

	NAME	DATE	DWG#	REV
DRAWN BY	JH	2/26/24	SSB85-SSB100	
CHECKED BY			SHEET 1 OF 2	

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)	Reccomended Min. Feed Water Rate (gpm)
SSB85	84	15 50 100	4 x 18kw 1 x 12kw	208	233	120	256	0.51	1.52
				240	202				
SSB100	108		6 x 18kw	208	300		325	0.65	1.95
				240	260				

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

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

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

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X.XX	X.XXX	X.XXXX	ANGULAR	FINISH
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	NAME	DATE
DRAWN BY	JH	2/26/24
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DWG# SSB85-SSB100
SHEET 2 OF 2
REV