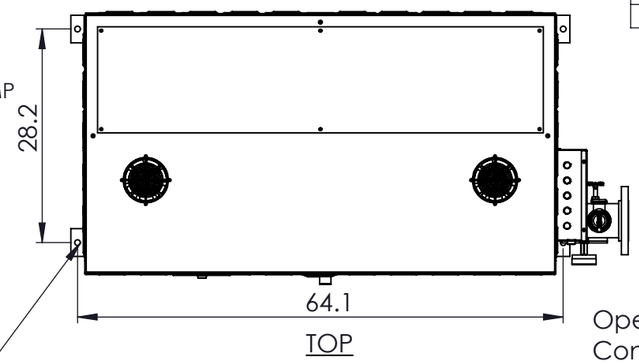
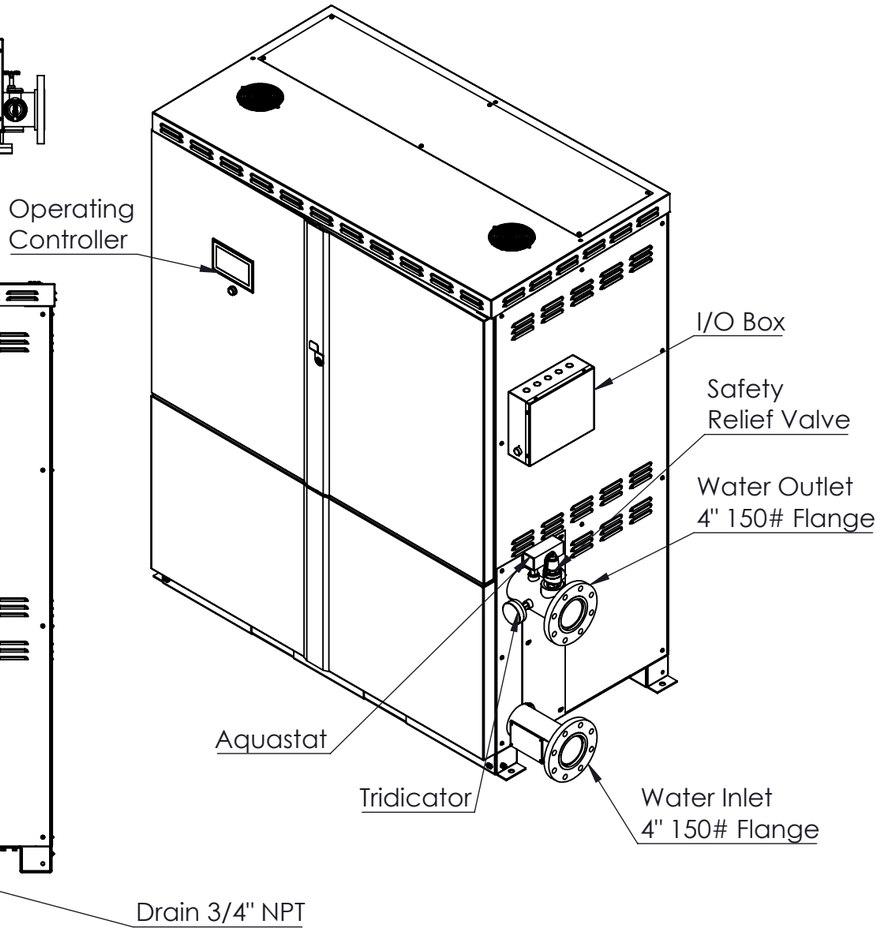
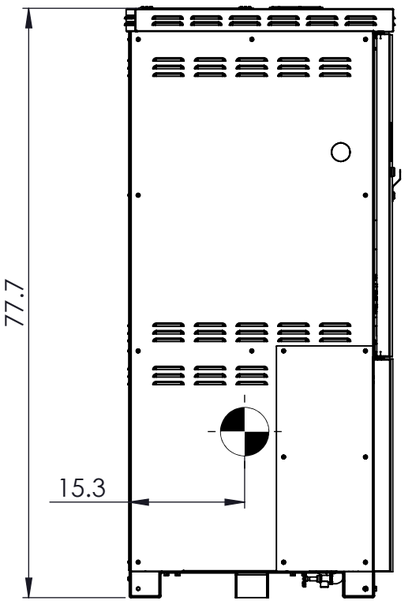
NOTES:
1. MATERIALS OF CONSTRUCTION
    1. VESSEL AND PIPING: CARBON STEEL AND CAST IRON
    2. JACKET: STAINLESS STEEL AND PAINTED STEEL
2. PRESSURE VESSEL BUILT IN ACCORDANCE WITH ASME SECTION IV AND CARRIES AN "H" STAMP
3. MAXIMUM ALLOWABLE WORKING PRESSURE UP TO 160PSI
4. BOILER IS UL LISTED TO STANDARD 834
5. FOR EWx990- EWx1200 VOLTAGES 480V/3 & 600V/3
6. BACNET IP AND MSTP, MODBUS RS485, AND 4-20 mA REMOTE SET POINT STANDARD
7. REFER TO THE INSTALLATION AND OPERATION MANUAL FOR MORE INFORMATION

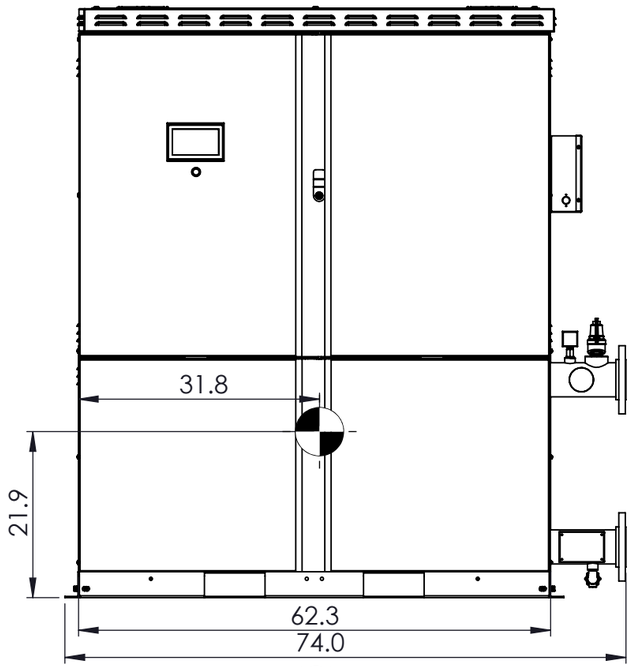
Center of Gravity		
Length	Width	Height
31.8	15.3	21.9



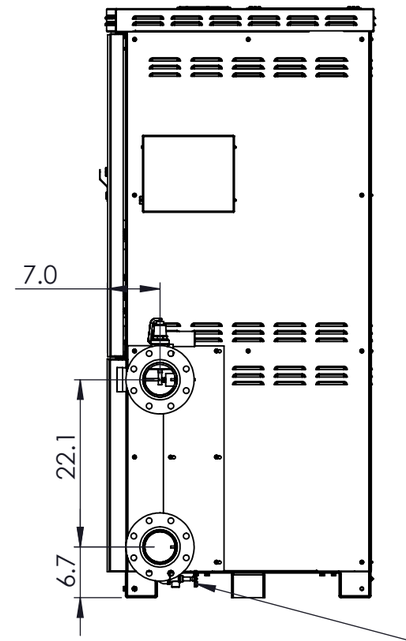




LEFT



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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THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:
	1:20	

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

TITLE: EWx990-EWx1200 ELECTRIC WATER BOILERS

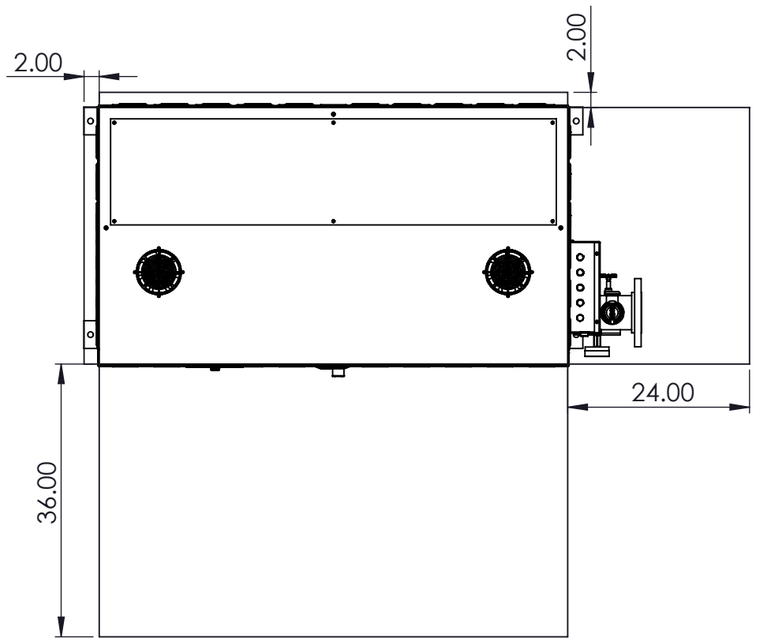
	NAME	DATE	DWG#	REV
DRAWN BY	JH	5/4/2026	EWx990-EWx1200	B
CHECKED BY			SHEET 1 OF 2	

NOTES:
1. SERVICE CLEARANCES TO BE IN CONFORMANCE TO NEC REQUIREMENTS. ALLOW A MINIMUM OF 36" CLEARANCE IN FRONT OF DOORS FOR SERVICING OF HEATING ELEMENTS. RECOMMENDED 24" CLEARANCE FOR OTHER SIDES OF BOILER FOR SERVICING.
2. MINIMUM 1" CLEARANCE TO ALL COMBUSTIBLE MATERIALS

Service Clearance Requirements

Boiler	kW	Elements	Voltage	Amp Draw	MBH	Min Flow (GPM)	Max Flow (GPM)
EWx990	990	33 x 30kW	480	1193	3378	36	368
			600	954			
EWx1020	1020	34x 30kW	480	1229	3480	36	368
			600	983			
EWx1050	1050	35x 30kW	480	1265	3583	36	368
			600	1012			
EWx1080	1080	36x 30kW	480	1301	3685	36	368
			600	1041			
EWx1110	1110	37x 30kW	480	1337	3787	40	409
			600	1070			
EWx1140	1140	38x 30kW	480	1373	3890	40	409
			600	1099			
EWx1170	1170	39x 30kW	480	1409	3992	40	409
			600	1128			
EWx1200	1200	40x 30kW	480	1446	4094	40	409
			600	1157			

Boiler	Dry Weight (LBS)	Wet Weight (LBS)	Total Volume (Gal)	Boiler Headers Size (150# Flange)	Drain Size (NPT)	Safety Valve Outlet Size (NPT)
EWx990	3592	4083				
EWx1020	3612	4103	57.9			
EWx1050	3632	4123				
EWx1080	3652	4143				2" (50, 60 PSI)
EWx1110	3905	4443		4"	0.75"	1.5" (75 PSI)
EWx1140	3925	4463	63.5			1.25" (100,125,150 PSI)
EWx1170	3940	4478				
EWx1200	3955	4493				



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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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THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:		
	1:20			

	NAME	DATE	DWG#	REV
DRAWN BY	JH	5/4/2026	EWx990-EWx1200	B
CHECKED BY			SHEET 2 OF 2	