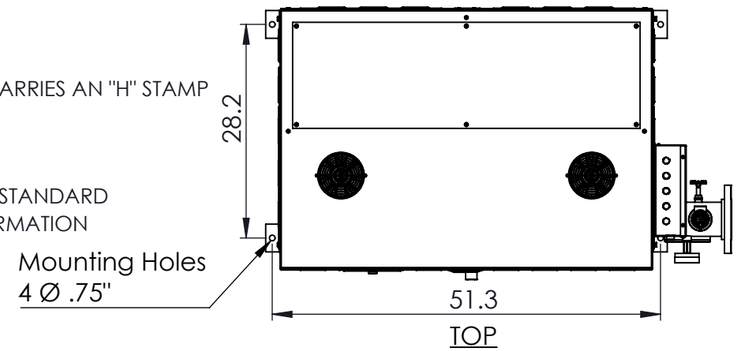
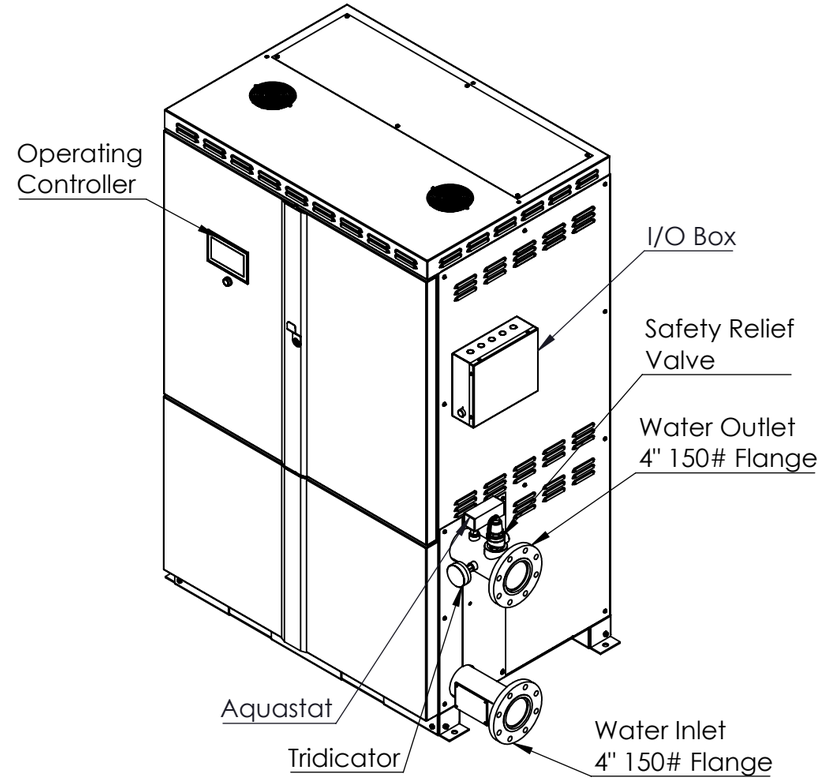
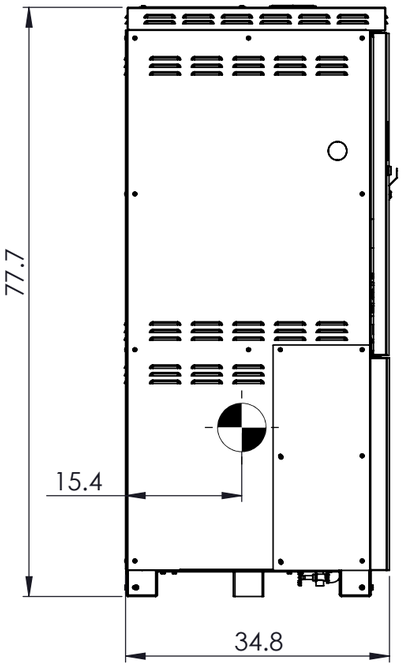
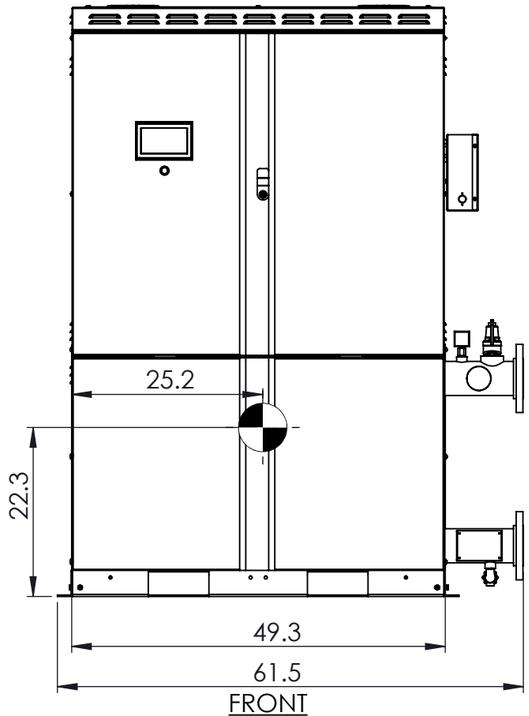
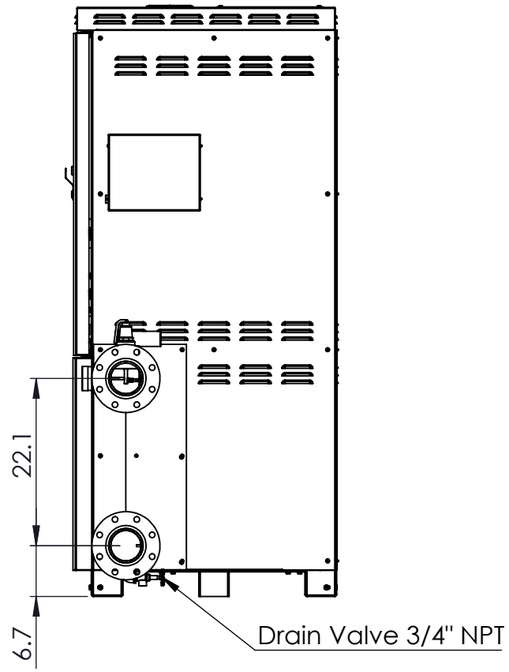
NOTES:
1. MATERIALS OF CONSTRUCTION
    1. VESSEL AND PIPING: CARBON STEEL AND CAST IRON
    2. JACKET: STAINLESS STEEL AND PAINTED STEEL
2. PRESSURE VESSEL BUILT IN ACCORDANCE WITH ASME SECTION IV AND CARRIES AN "H" STAMP
3. MAXIMUM ALLOWABLE WORKING PRESSURE UP TO 160PSI
4. BOILER IS UL LISTED TO STANDARD 834
5. FOR EWx630- EWx960 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











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	

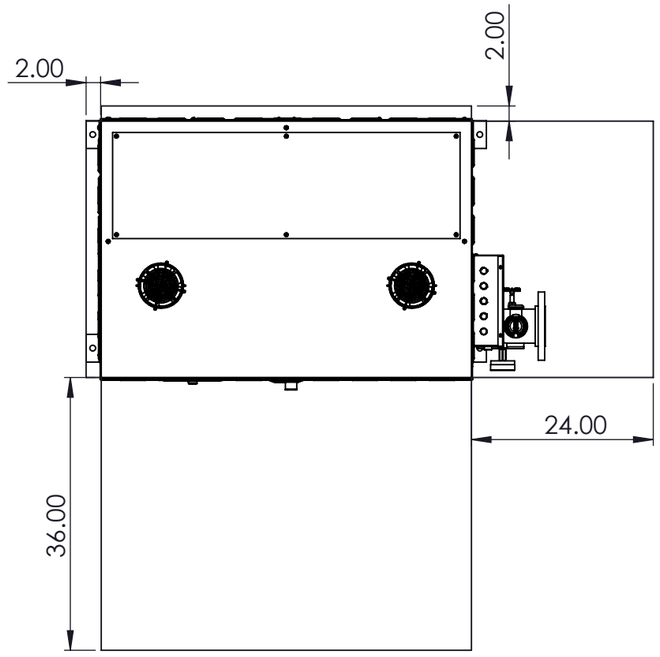
SUSSMAN ELECTRIC BOILERS
439 MAIN RD. TOWACO NJ 07082
PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE: EWx630-EWx960 ELECTRIC WATER BOILERS

	NAME	DATE	DWG#	REV
DRAWN BY	JH	5/4/2026	EWx630-EWx960	A
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)
EWx630	630	21x 30kW	480	759	2150	24	246
			600	607			
EWx660	660	22x 30kW	480	795	2252	24	246
			600	636			
EWx690	690	23x 30kW	480	831	2354	24	246
			600	665			
EWx720	720	24x 30kW	480	868	2457	24	246
			600	694			
EWx750	750	25x 30kW	480	904	2559	28	287
			600	723			
EWx780	780	26x 30kW	480	940	2661	28	287
			600	752			
EWx810	810	27x 30kW	480	976	2764	28	287
			600	781			
EWx840	840	28x 30kW	480	1012	2866	28	287
			600	810			
EWx870	870	29x 30kW	480	1048	2968	32	328
			600	839			
EWx900	900	30x 30kW	480	1084	3071	32	328
			600	868			
EWx930	930	31x 30kW	480	1120	3173	32	328
			600	896			
EWx960	960	32x 30kW	480	1157	3276	32	328
			600	925			

Boiler	Dry Weight (LBS)	Wet Weight (LBS)	Total Volume (Gal)	Boiler Headers Size (150# Flange)	Drain Size (NPT)	Safety Valve Outlet Size (NPT)
EWx630	2533	2883				
EWx660	2548	2898	41			
EWx690	2563	2913				
EWx720	2578	2928				
EWx750	2831	3228				2" (50, 60 PSI)
EWx780	2846	3243	46.6	4"	0.75"	1.5" (75 PSI)
EWx810	2861	3258				1.25" (100,125,150 PSI)
EWx840	2881	3278				
EWx870	3134	3578				
EWx900	3154	3598	52.2			
EWx930	3169	3613				
EWx960	3184	3628				

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			CHECKED BY			SHEET 2 OF 2	