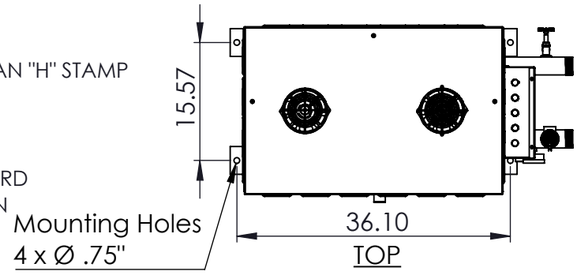
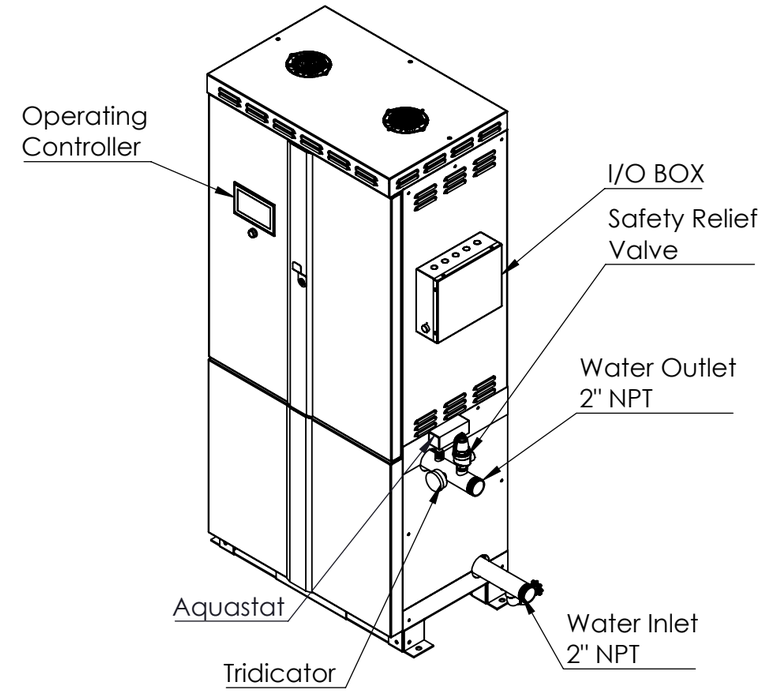
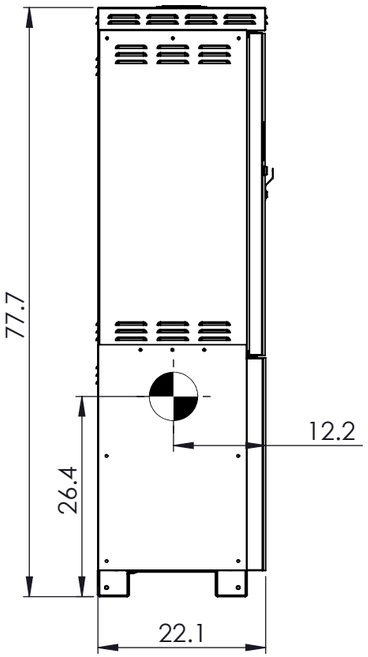
NOTES:
1. MATERIALS OF CONSTRUCTION
    1. VESSEL AND PIPING: CARBON STEEL AND CAST IRON
    2. JACKET: STAINLESS STEEL AND PAINTED STEEL
2. PRESSURE VESSEL BUILT IN ACCORDANCE WITH ASME SECTION IV AND CARRIES AN "H" STAMP
3. MAXIMUM ALLOWABLE WORKING PRESSURE UP TO 160PSI
4. BOILER IS UL LISTED TO STANDARD 834
5. FOR EWx150- EWx240 208V/3, 240V/3, 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

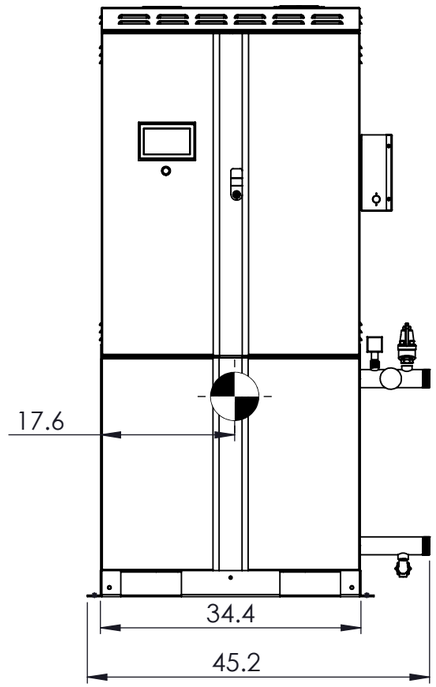
Center of Gravity (in)		
Length	Width	Height
17.6	12.2	26.4



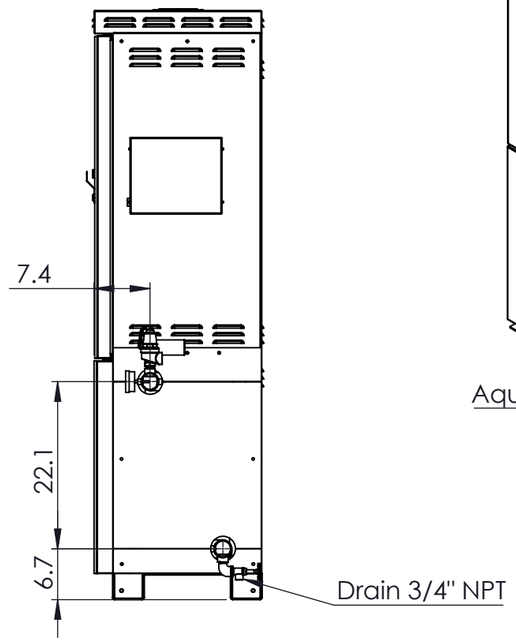




LEFT



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	

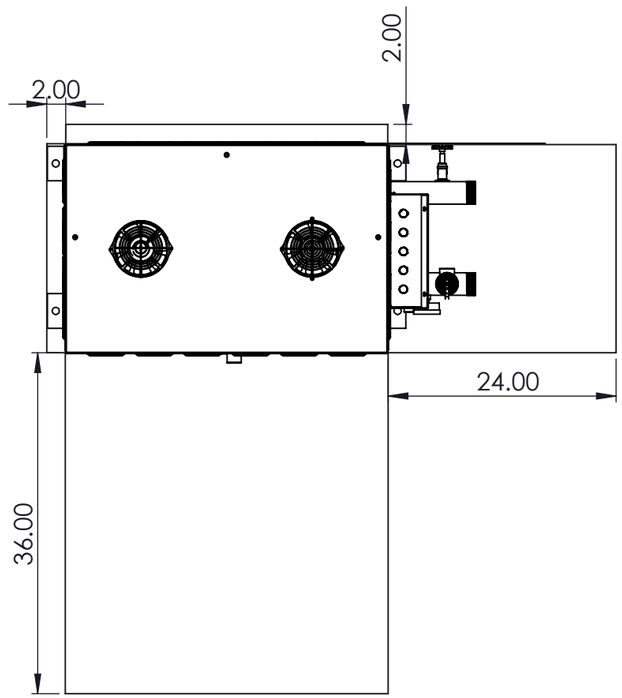
SUSSMAN ELECTRIC BOILERS
439 MAIN RD. TOWACO NJ 07082
PHONE: (800) 221-1522 FAX: (718) 386-7809

TITLE: EWx150-EWx240 ELECTRIC WATER BOILERS

	NAME	DATE	DWG#	REV
DRAWN BY	JH	11/19/25	EWx150-EWx240	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)
			208	417			
EWx150	150	5 x 30kW	240	361	511.8	8	82
			480	181			
			600	145			
			208	500			
EWx180	180	6x 30kW	240	434	614.2	8	82
			480	217			
			600	173			
			208	584			
EWx210	210	7x 30kW	240	506	716.5	8	82
			480	253			
			600	202			
			208	667			
EWx240	240	8x 30kW	240	578	818.9	8	82
			480	289			
			600	231			

Boiler	Dry Weight (LBS)	Wet Weight (LBS)	Total Volume (Gal)	Boiler Headers Size (NPT)	Drain Size (NPT)	Safety Valve Outlet Size (NPT)
EWx150	880	1000				1.25" (50,60,75 PSI)
EWx180	895	1015	14.9	2"	0.75"	1" (100 PSI)
EWx210	910	1030				0.75" (125,150 PSI)
EWx240	925	1045				

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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TITLE: EWx150-EWx240 ELECTRIC WATER BOILERS

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:		
	1:16			

	NAME	DATE	DWG#	REV
DRAWN BY	JH	11/19/25	EWx150-EWx240	A
CHECKED BY			SHEET 2 OF 2	