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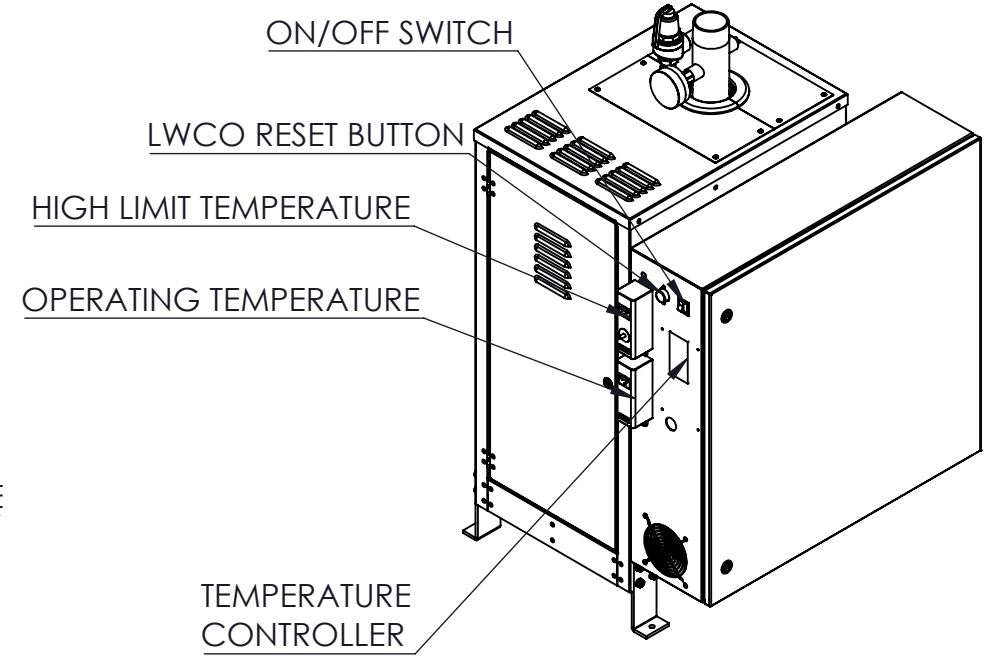
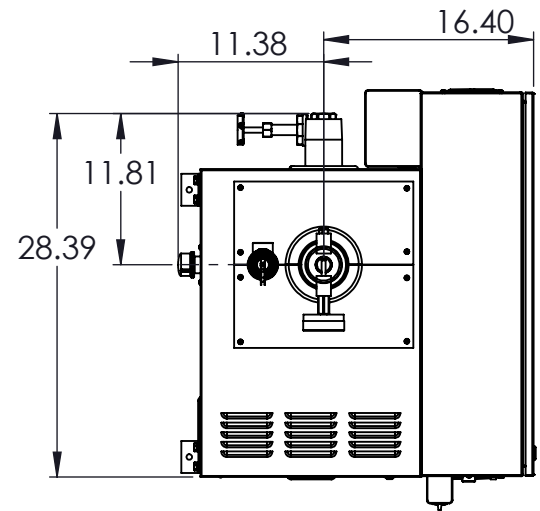
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NOTES:

- 1. MATERIALS OF CONSTRUCTION
  - 1. VESSEL AND PIPING: CARBON STEEL
  - 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 150PSI
- 4. BOILER IS UL LISTED TO STANDARD 834
- 5. FOR EW120G WITH 480V
- 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

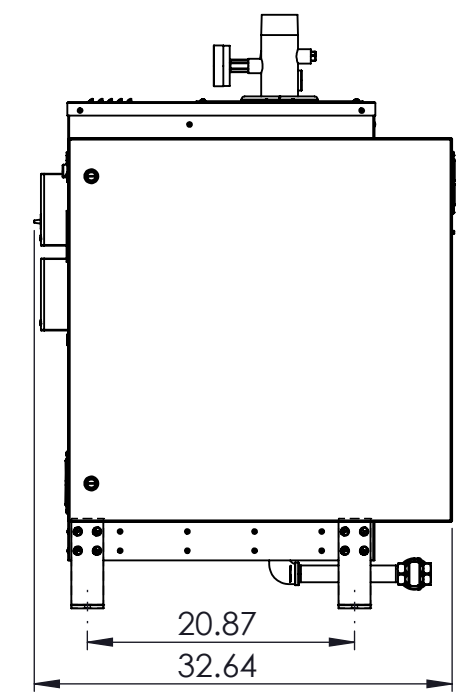
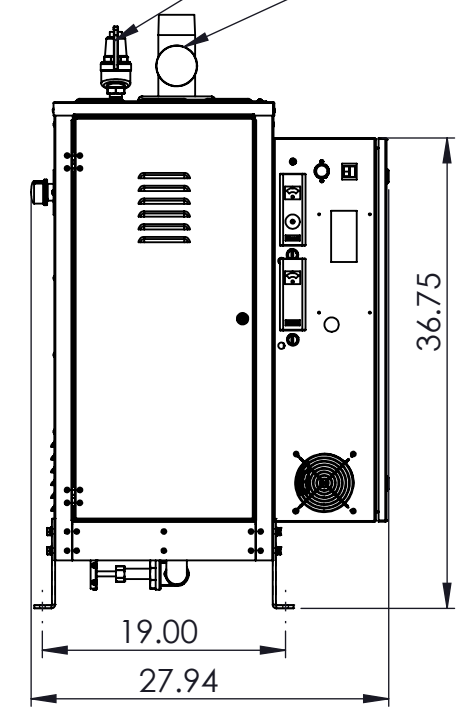
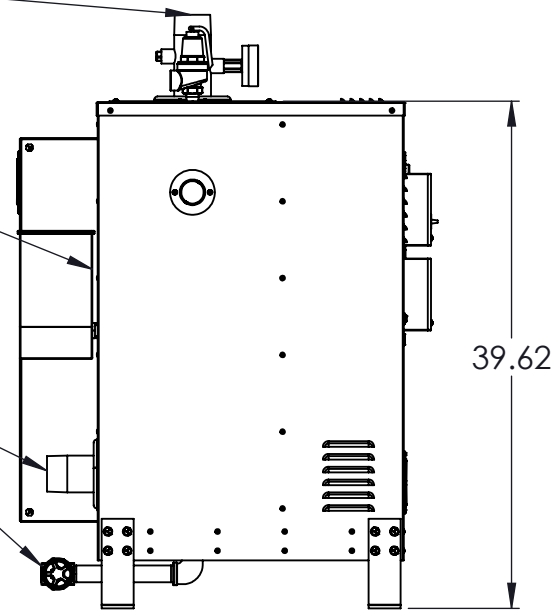


WATER OUTLET (2.5" NPT)

TRANSFORMER

WATER INLET (2.5" NPT)

DRAIN VALVE (1" NPT)



UNITS	NUMBER OF STAGES
EW120G 120kW WITH 480V	4

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  
 EW120G 480/3 ELECTRIC WATER BOILER

A/1		INITIAL DRAWING	SC	5/1/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		S	05/01/2024	EW120GF	A/1
			CHECKED BY		SHEET 1 OF 2	

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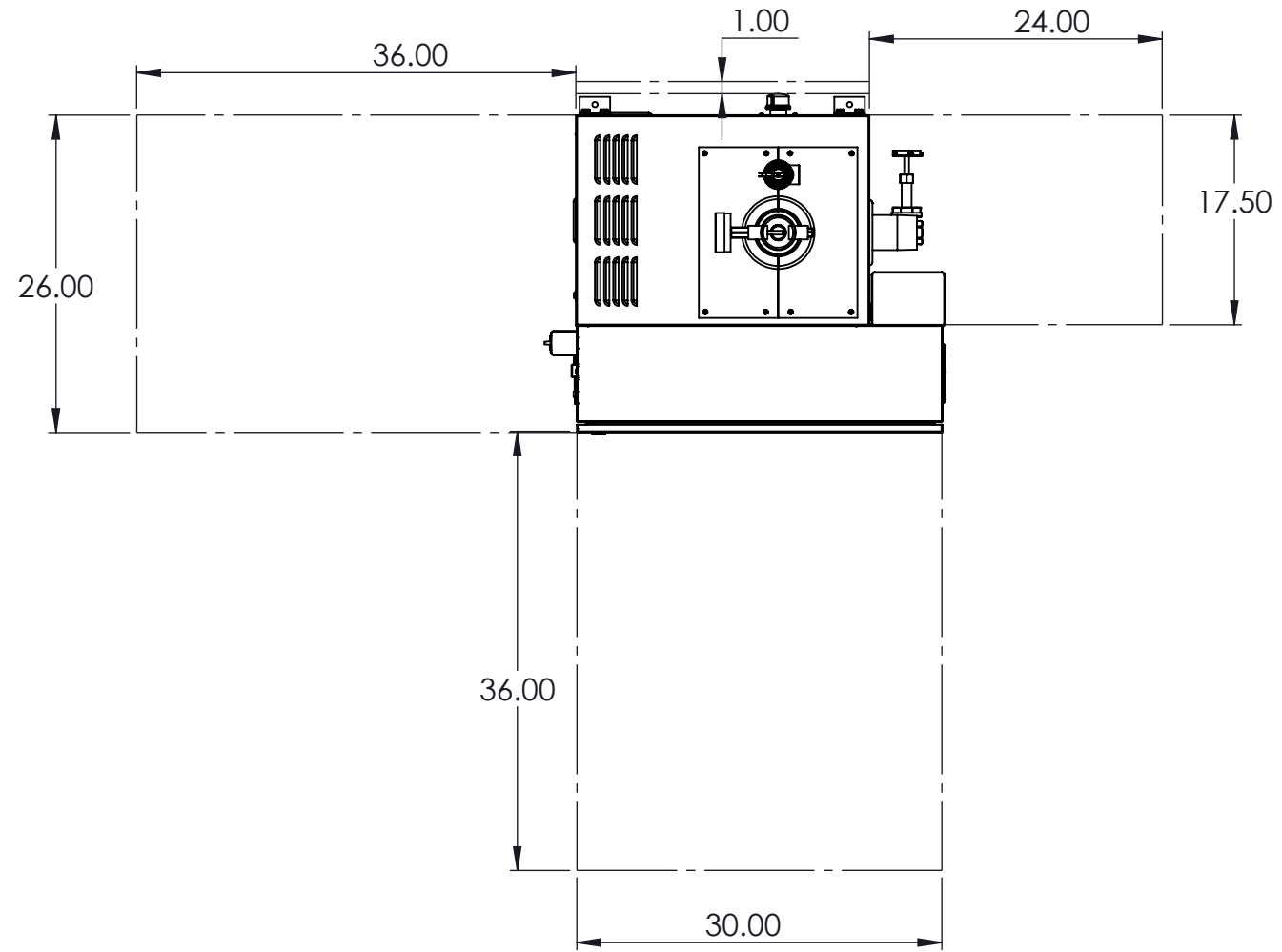
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NOTES:

- 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



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 X.XX X.XXX X.XXXX ANGULAR FINISH  
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TITLE  
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A/1		INITIAL DRAWING	SC	5/1/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION 	DWG. SCALE 1:16	MATERIAL SPEC:	NAME	DATE	DWG#	REV
			S	05/01/2024	EW120GF	A/1
			CHECKED BY		SHEET 2 OF 2	

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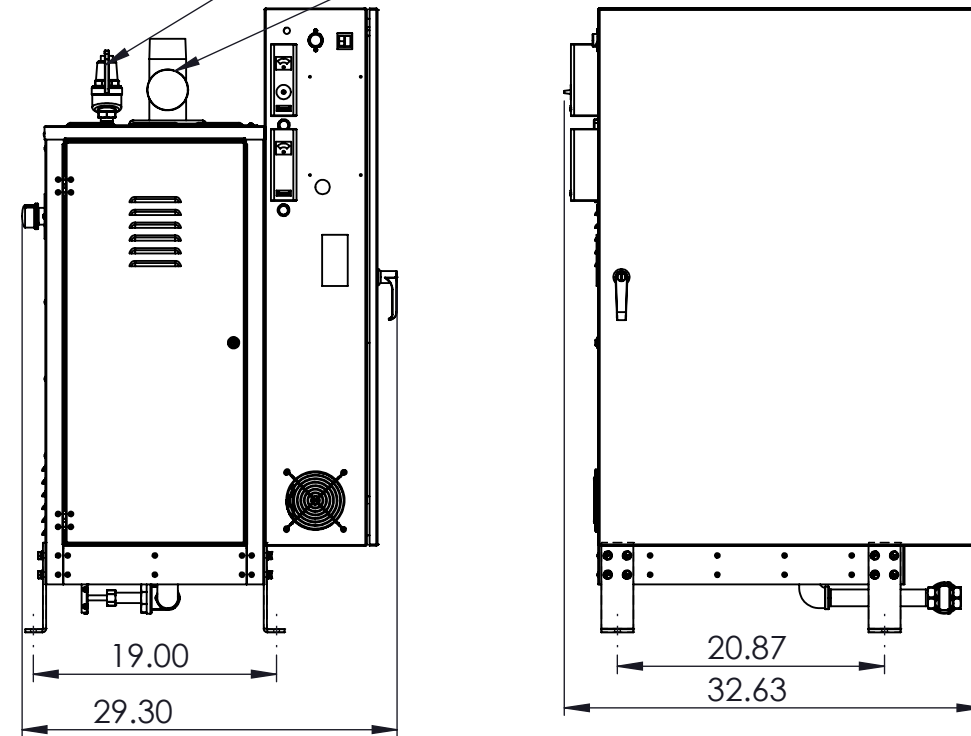
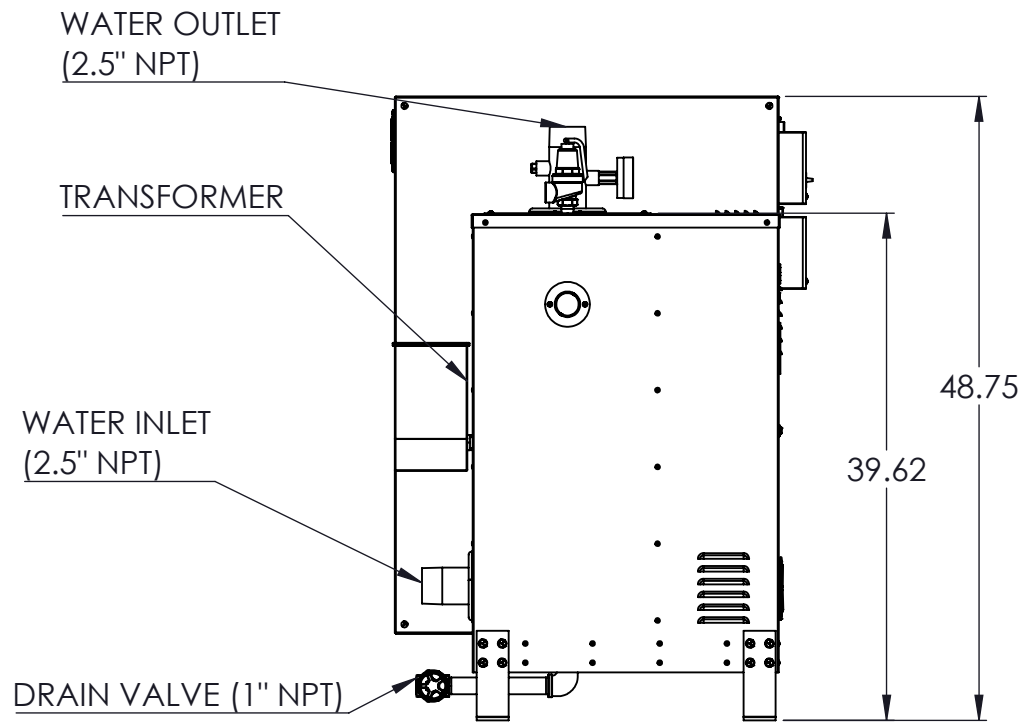
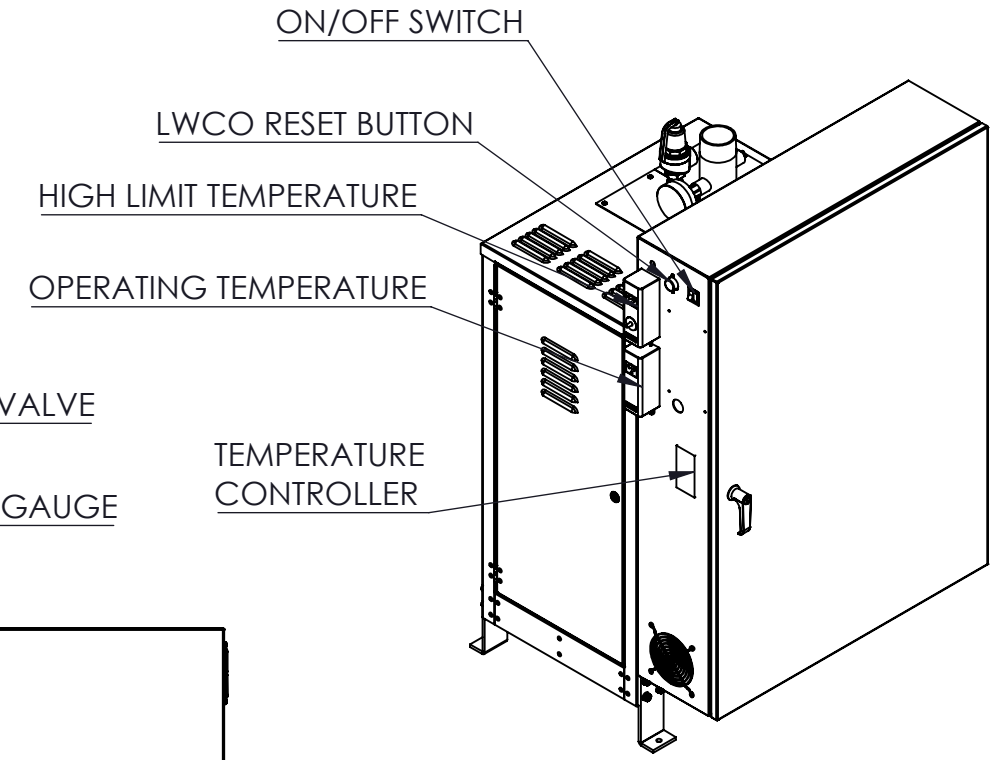
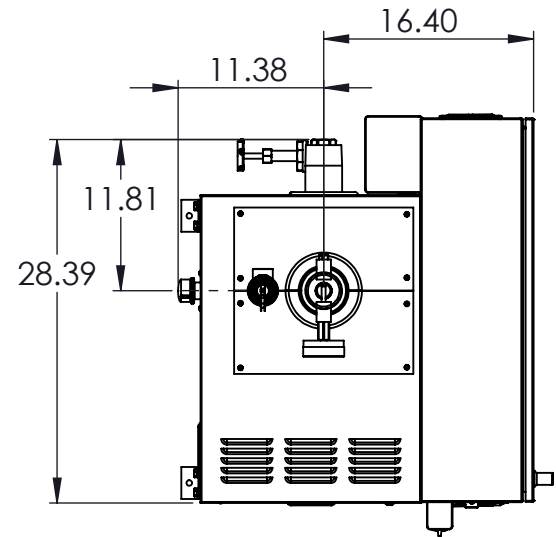
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NOTES:

- 1. MATERIALS OF CONSTRUCTION
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  - 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 150PSI
- 4. BOILER IS UL LISTED TO STANDARD 834
- 5. FOR EW120G WITH 208V, 240V
- 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



UNITS	NUMBER OF STAGES
EW120G 120kW WITH 208V OR 240V	4

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

TITLE  
 EW120G 208/3, 240/3, ELECTRIC WATER BOILERS

A/1		INITIAL DRAWING	SC	5/1/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		S	05/01/2024	EW120GBC	A/1
			CHECKED BY		SHEET 1 OF 2	

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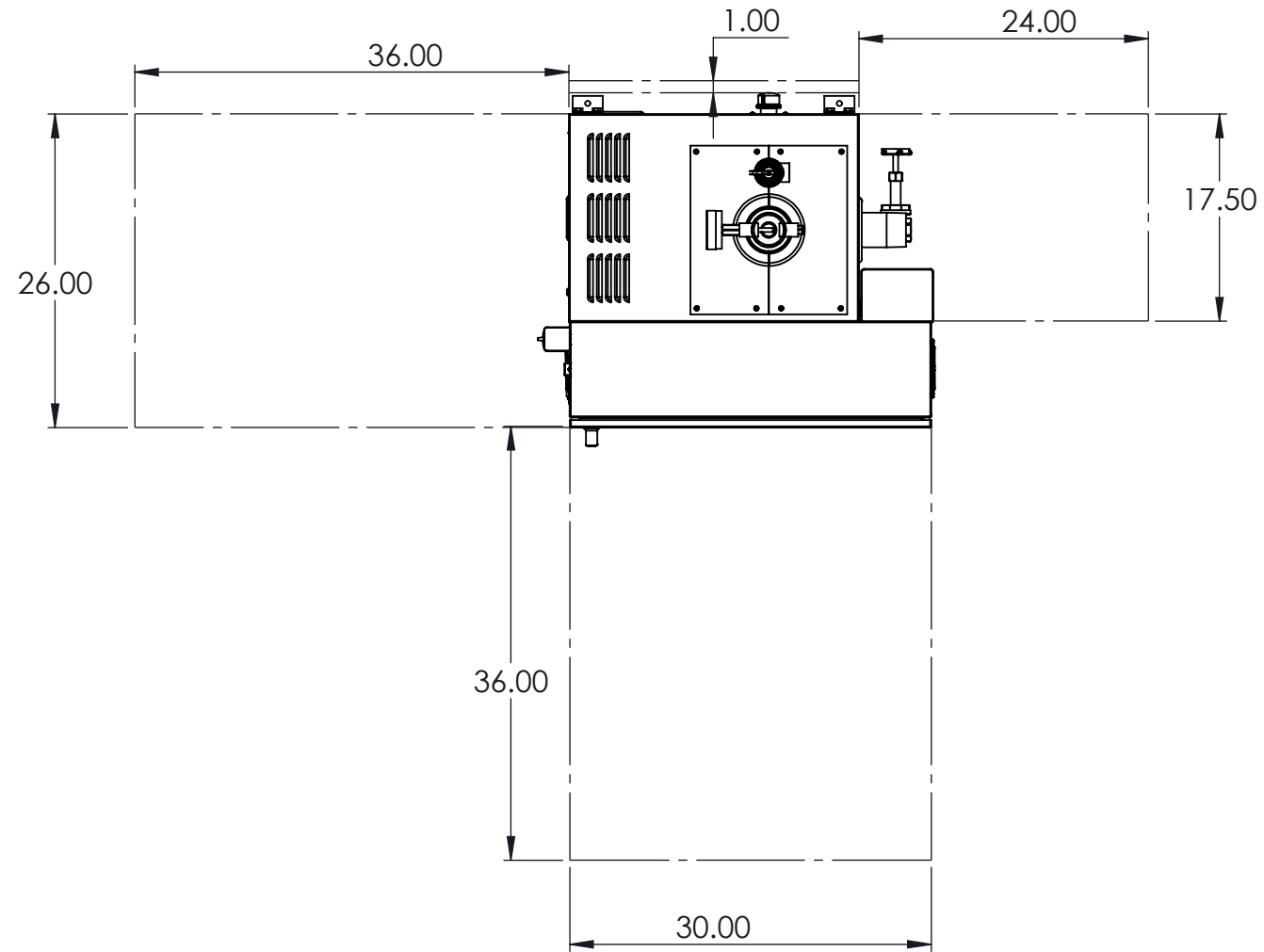
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TITLE  
 EW120G 208/3, 240/3, ELECTRIC  
 WATER BOILERS

A/1		INITIAL DRAWING	SC	5/1/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		S	05/01/2024	EW120GBC	A/1
			CHECKED BY		SHEET 2 OF 2	

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