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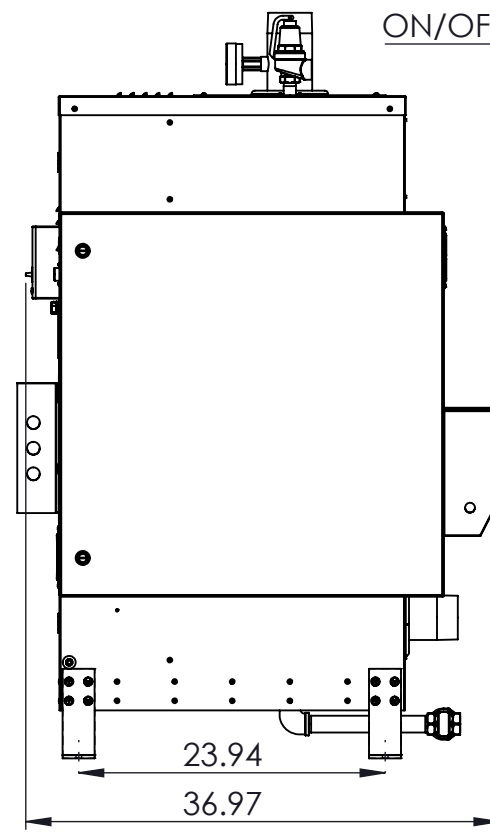
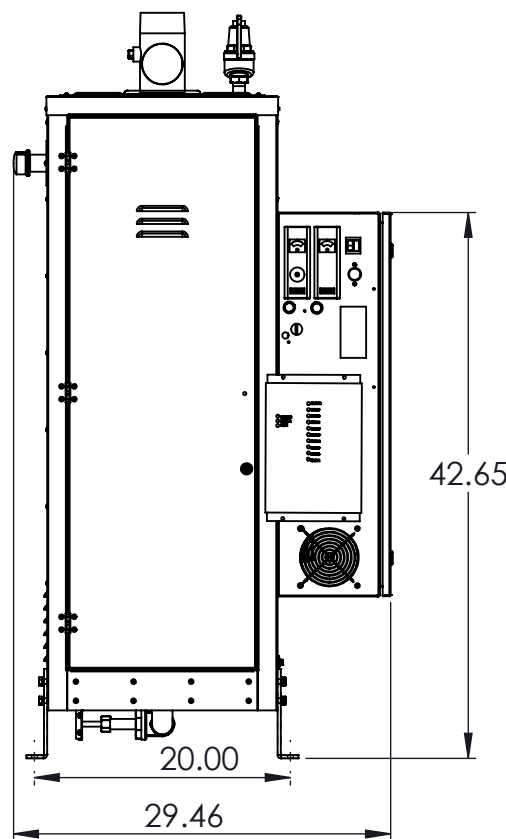
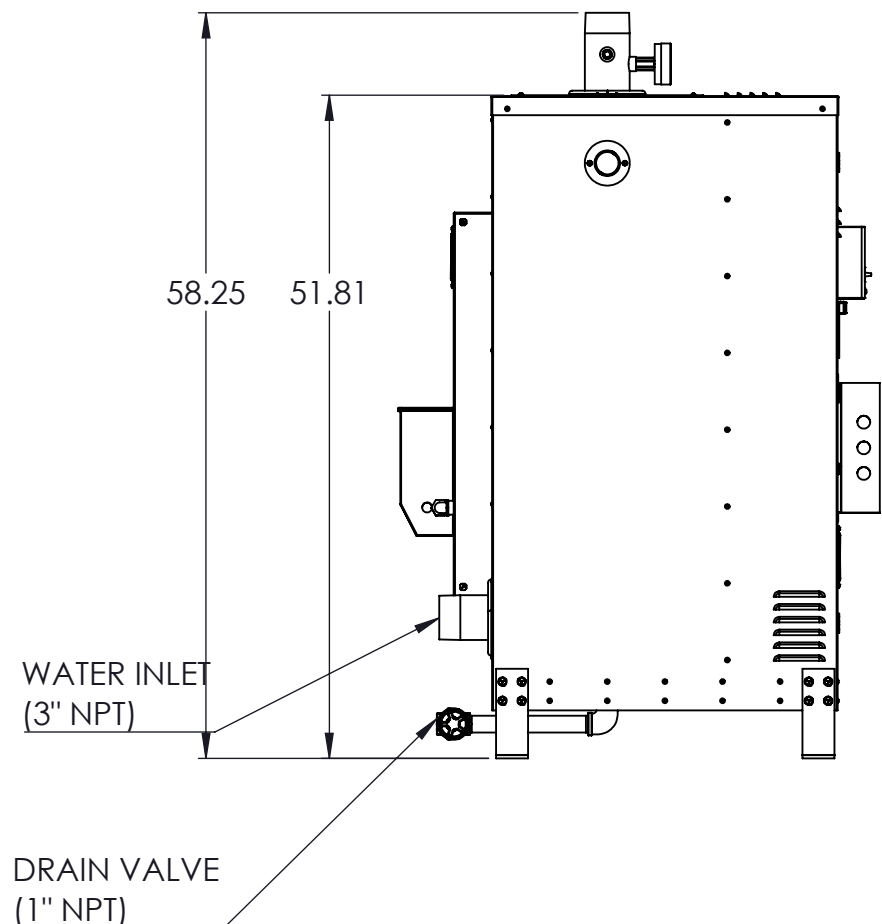
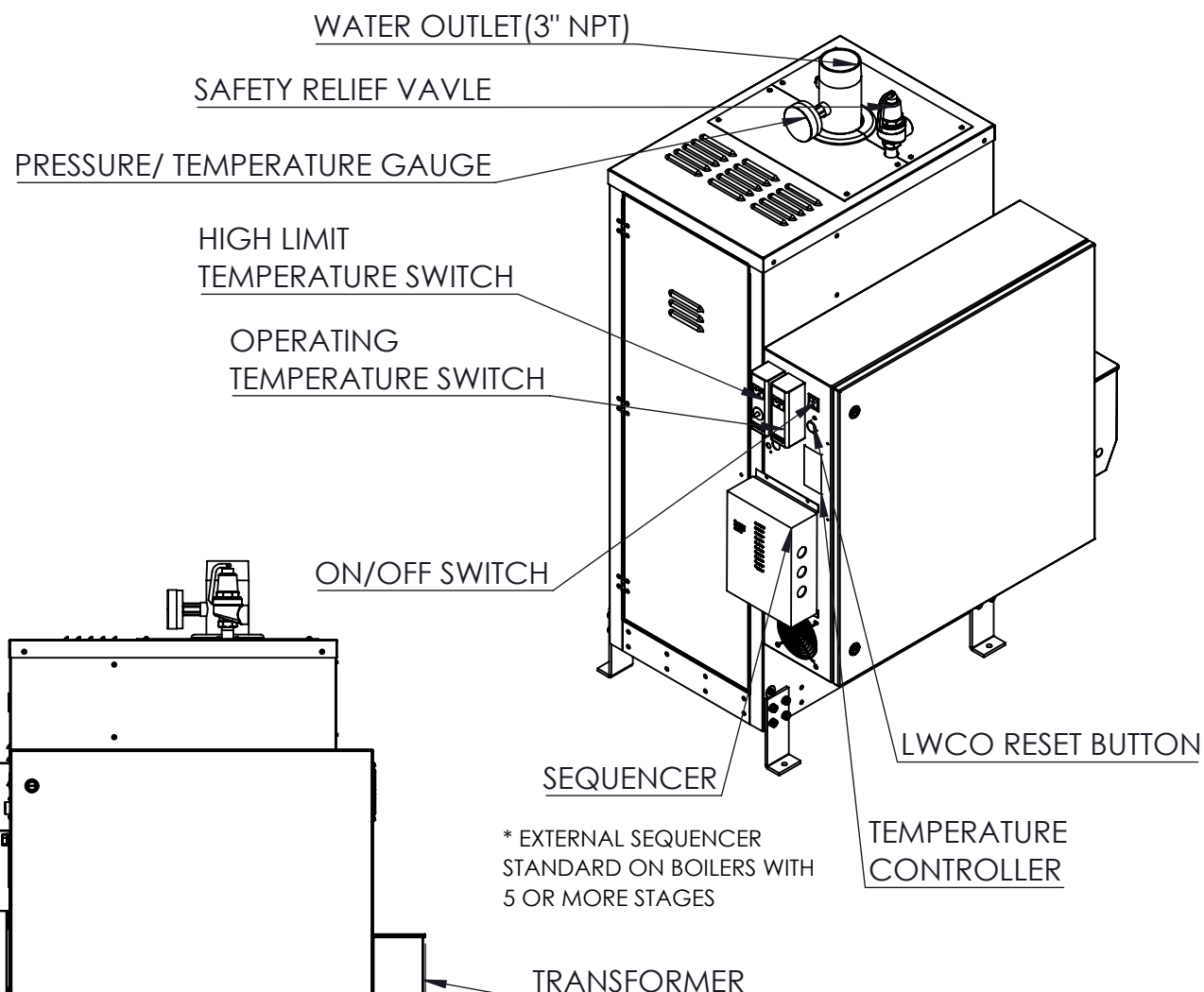
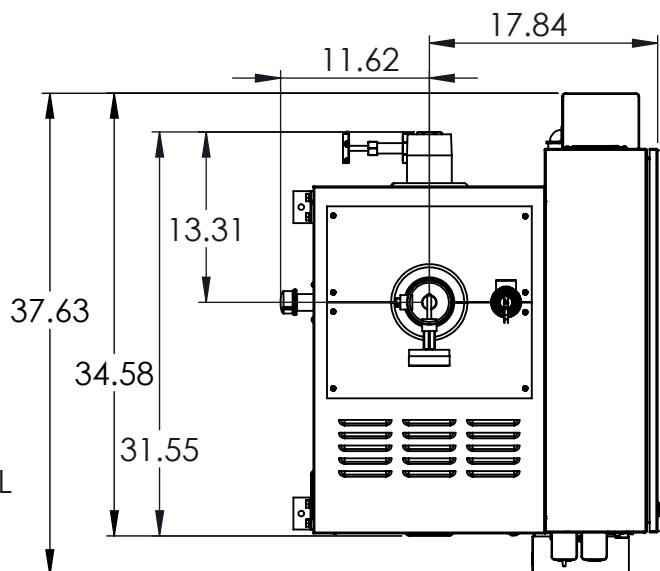
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NOTES:

- 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 EW132G - EW216G WITH 480 VOLTS
- 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



* EXTERNAL SEQUENCER STANDARD ON BOILERS WITH 5 OR MORE STAGES

UNIT WITH 480V	NUMBER OF STAGES
EW132G 132kW	4
EW144G 144kW	4
EW162G 162kW	4
EW180G 180kW	4
EW198G 198kW	5
EW216G 216kW	5

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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TITLE EW132G-EW216G 480/3 ELECTRIC WATER BOILERS

A/1		INITIAL DRAWING	SC	5/7/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

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

	NAME	DATE	DWG#	REV
DRAWN BY	S	04/29/2024	EW132GF-EW216GF	A/1
CHECKED BY			SHEET 1 OF 2	

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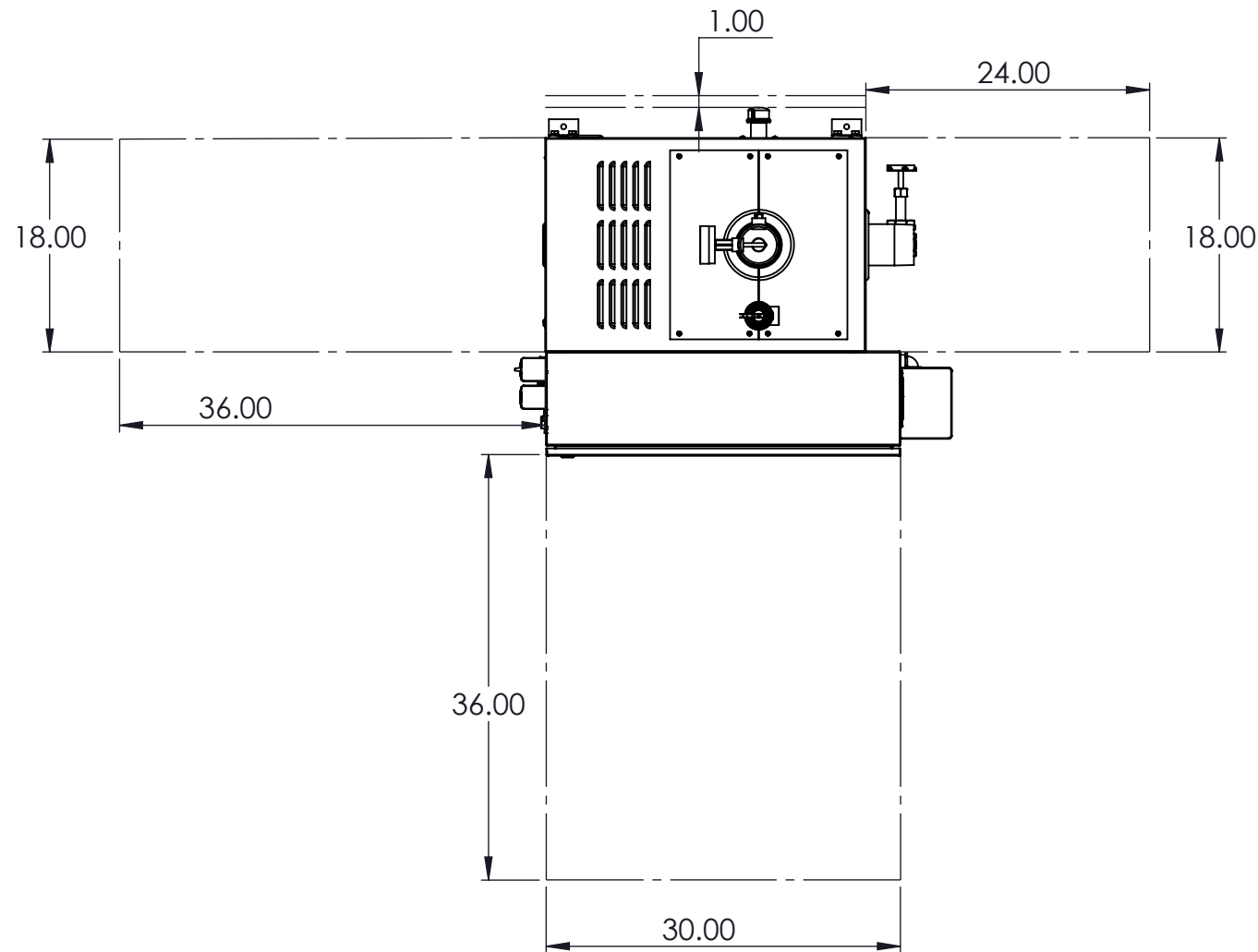
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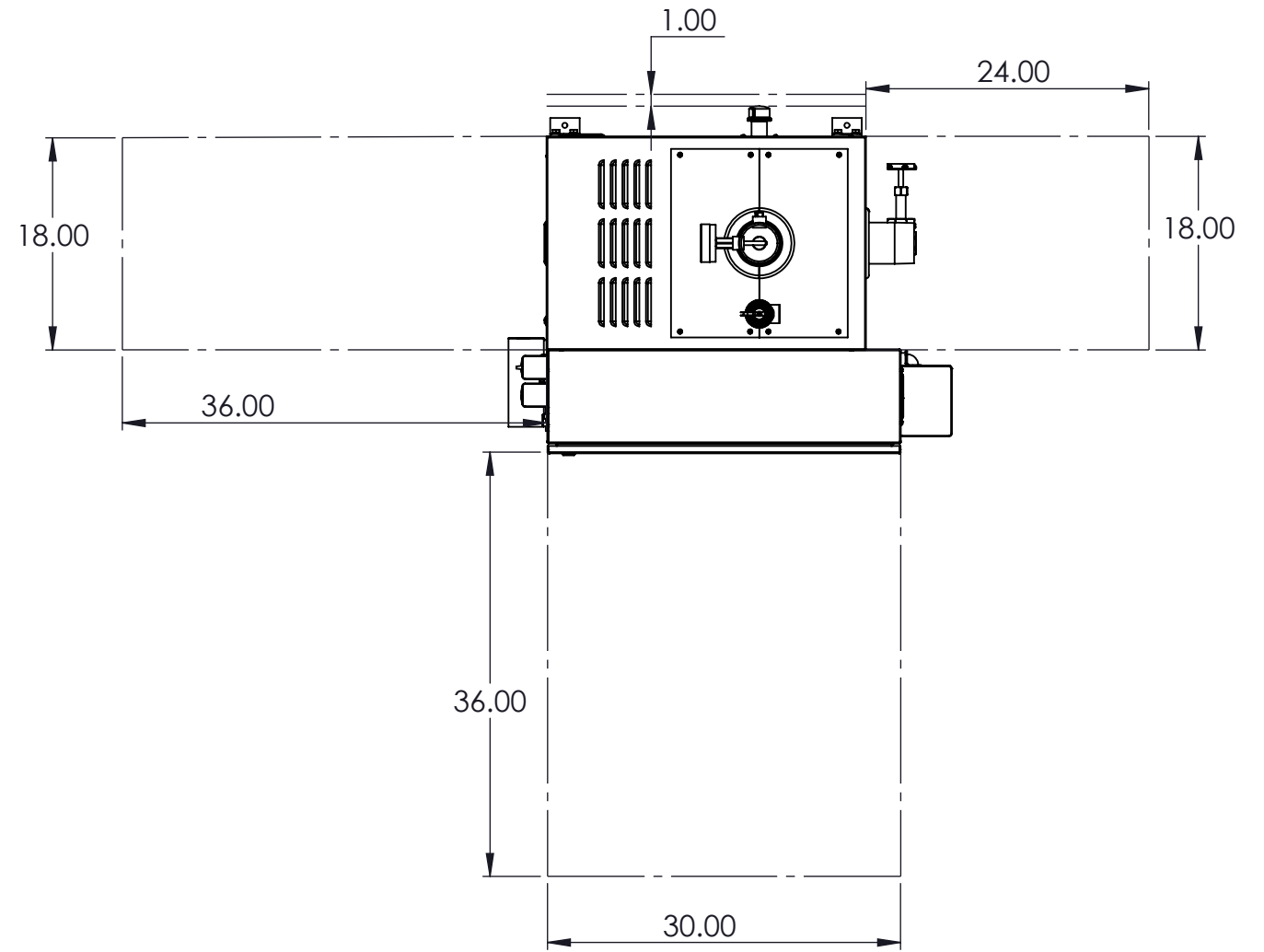
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NOTES:

- 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



SERVICE CLEARANCES FOR 132G - 180G FOR 480V



SERVICE CLEARANCES FOR 198G - 225 FOR 480V

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

TITLE
 EW132G-EW216G 480/3 ELECTRIC WATER BOILERS

A/1		INITIAL DRAWING	SC	5/7/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		S	04/29/2024	EW132GF-EW216GF	A/1
			CHECKED BY		SHEET 2 OF 2	

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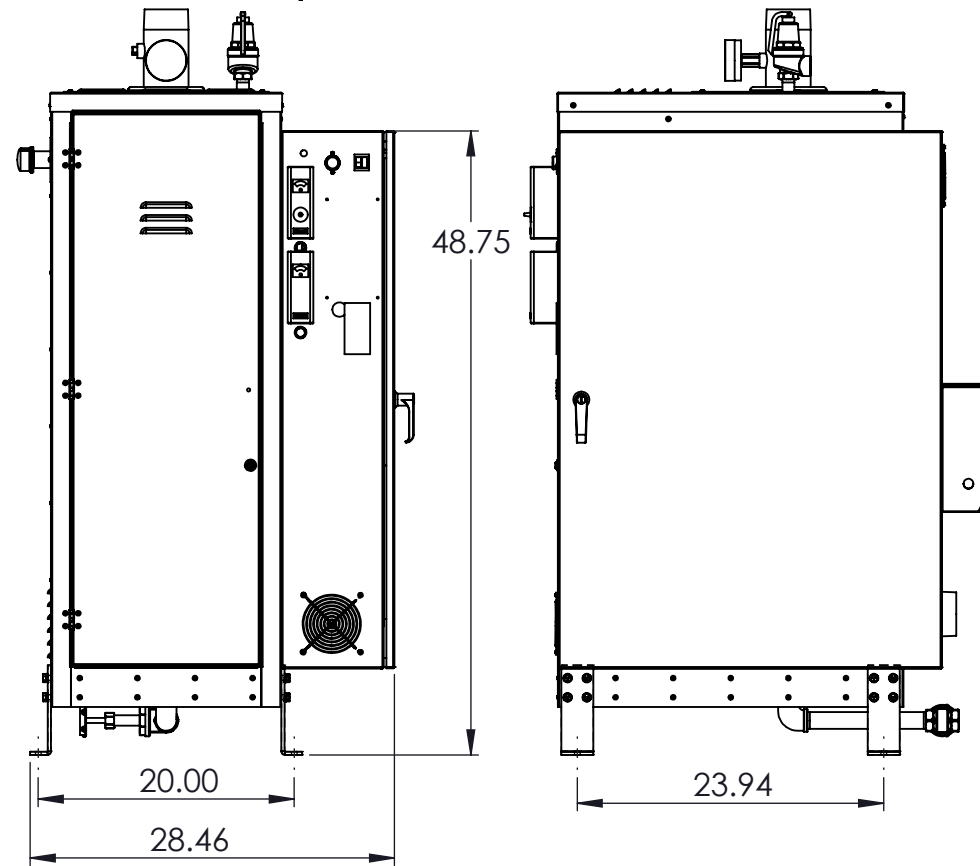
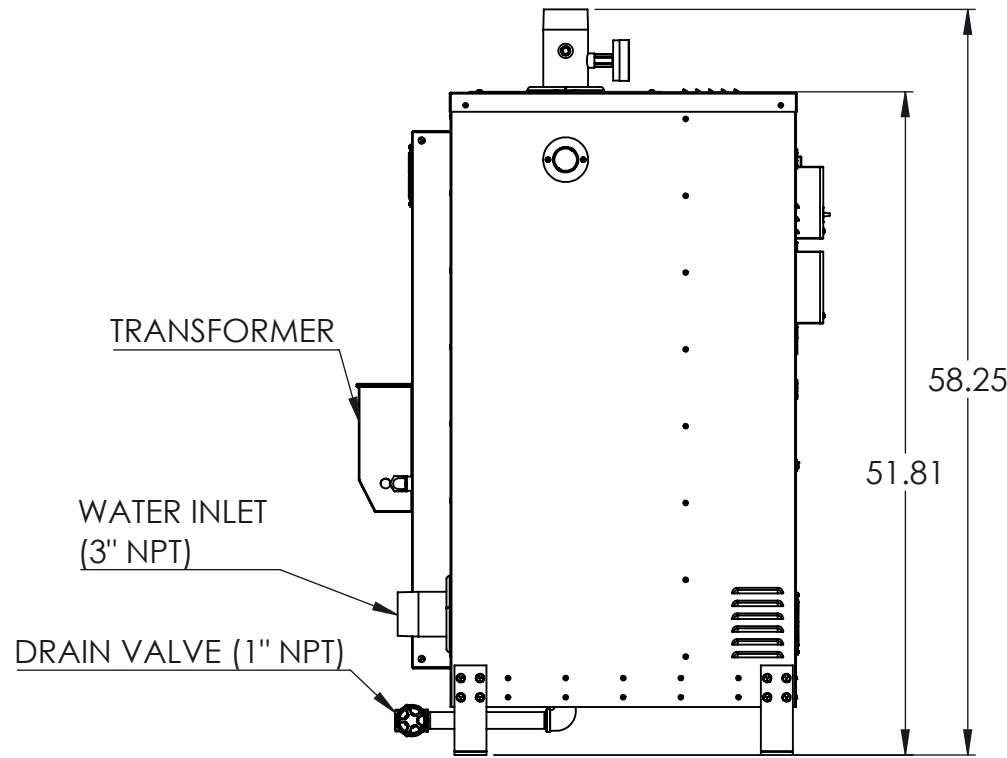
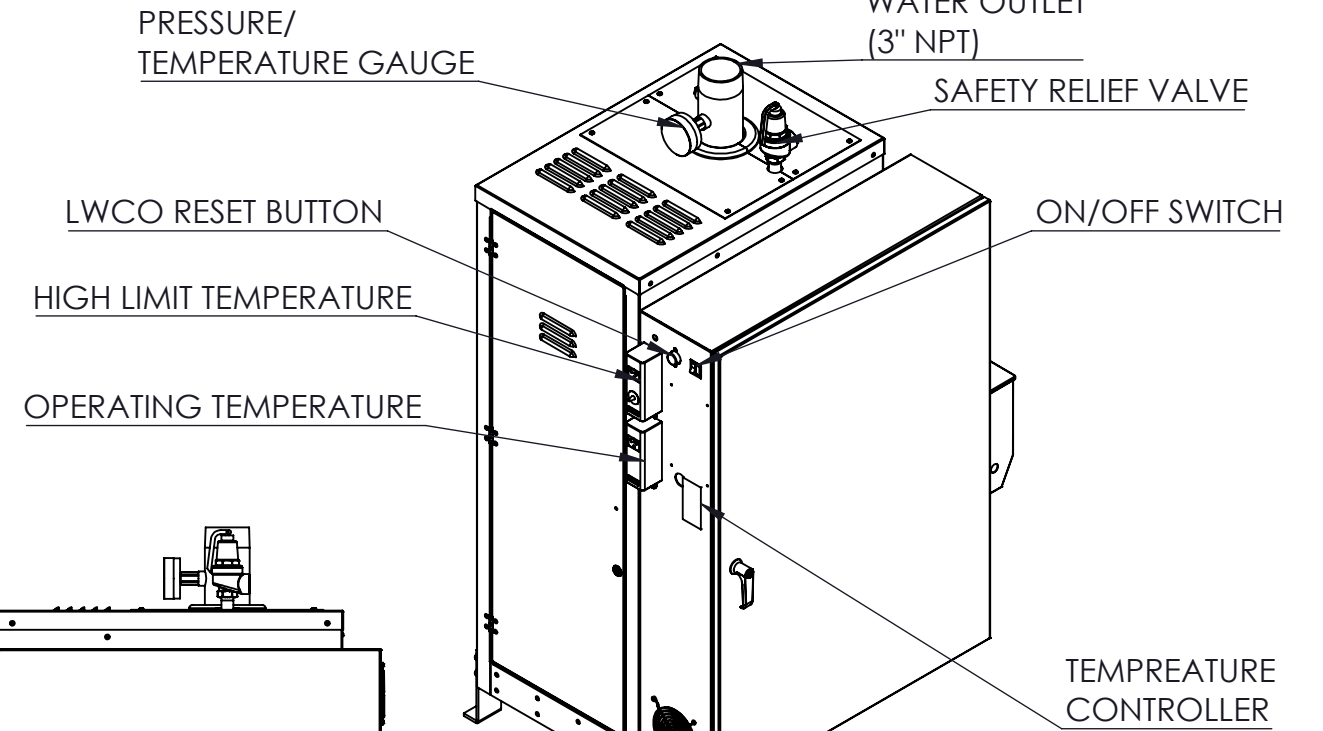
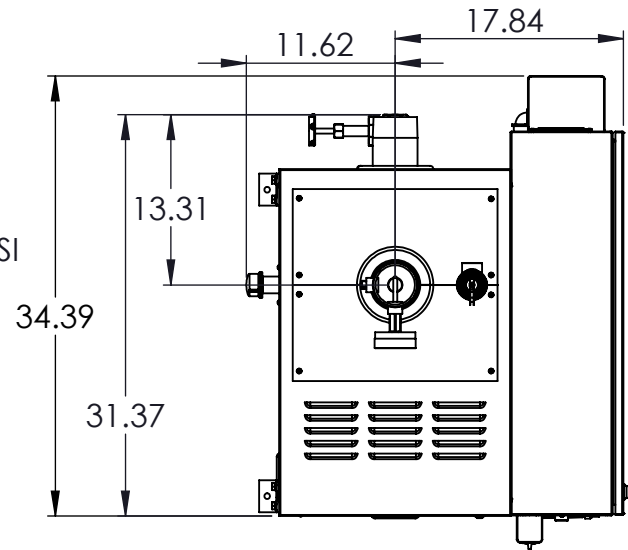
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NOTES:

- 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 EW132G WITH 208 & 240 VOLTS
- 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 WITH 208V OR 240V	NUMBER OF STAGES
EW132G 132kW	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 EW132G 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	EW132GBC	A/1
			CHECKED BY		SHEET 1 OF 2	

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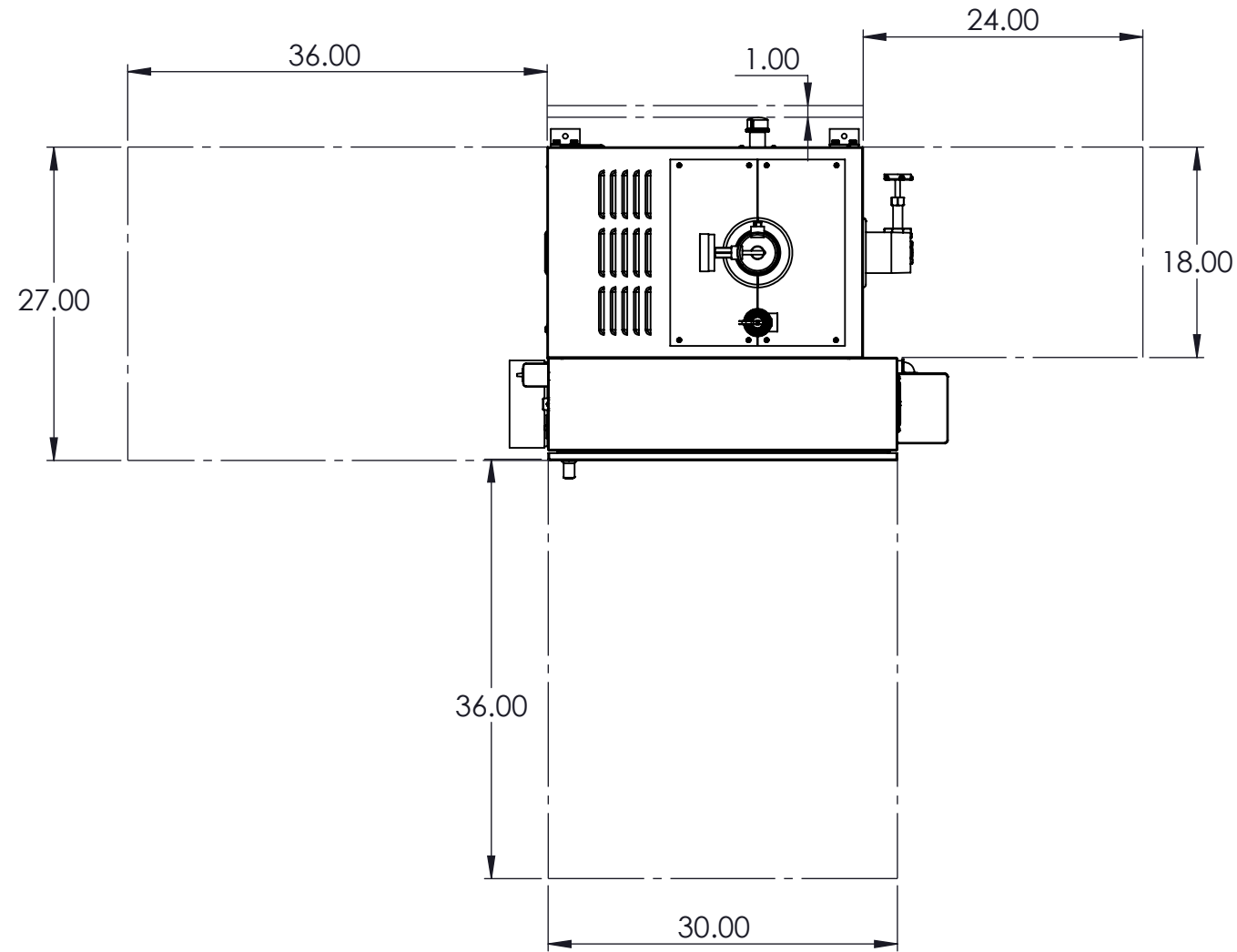
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NOTES:

- 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
 EW132G 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 1:16	MATERIAL SPEC:	NAME	DATE	DWG#	REV
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			CHECKED BY		SHEET 2 OF 2	

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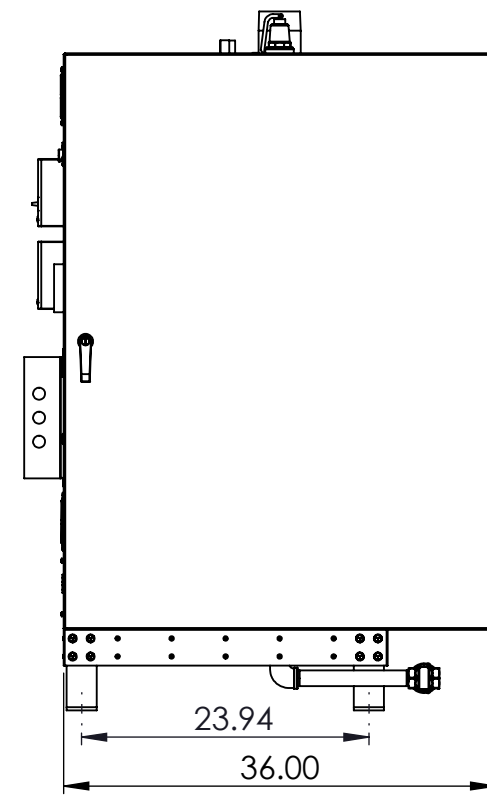
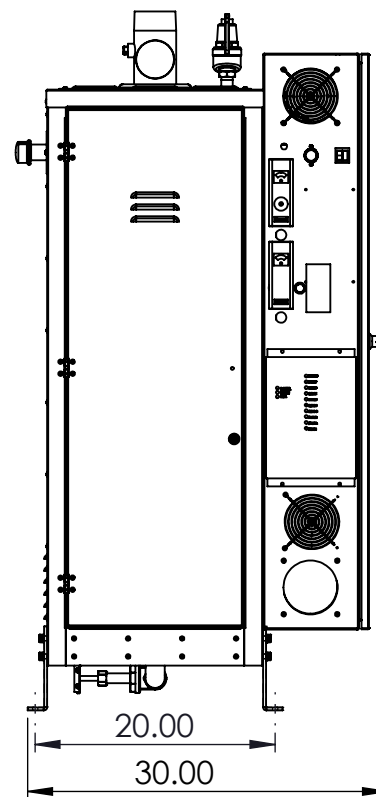
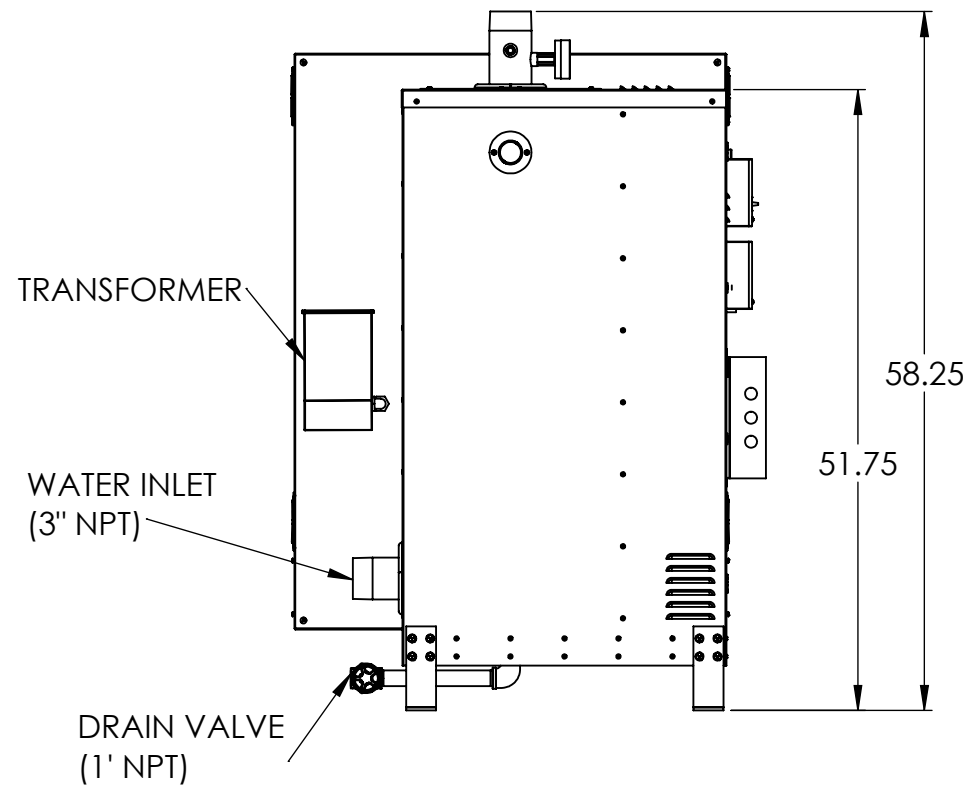
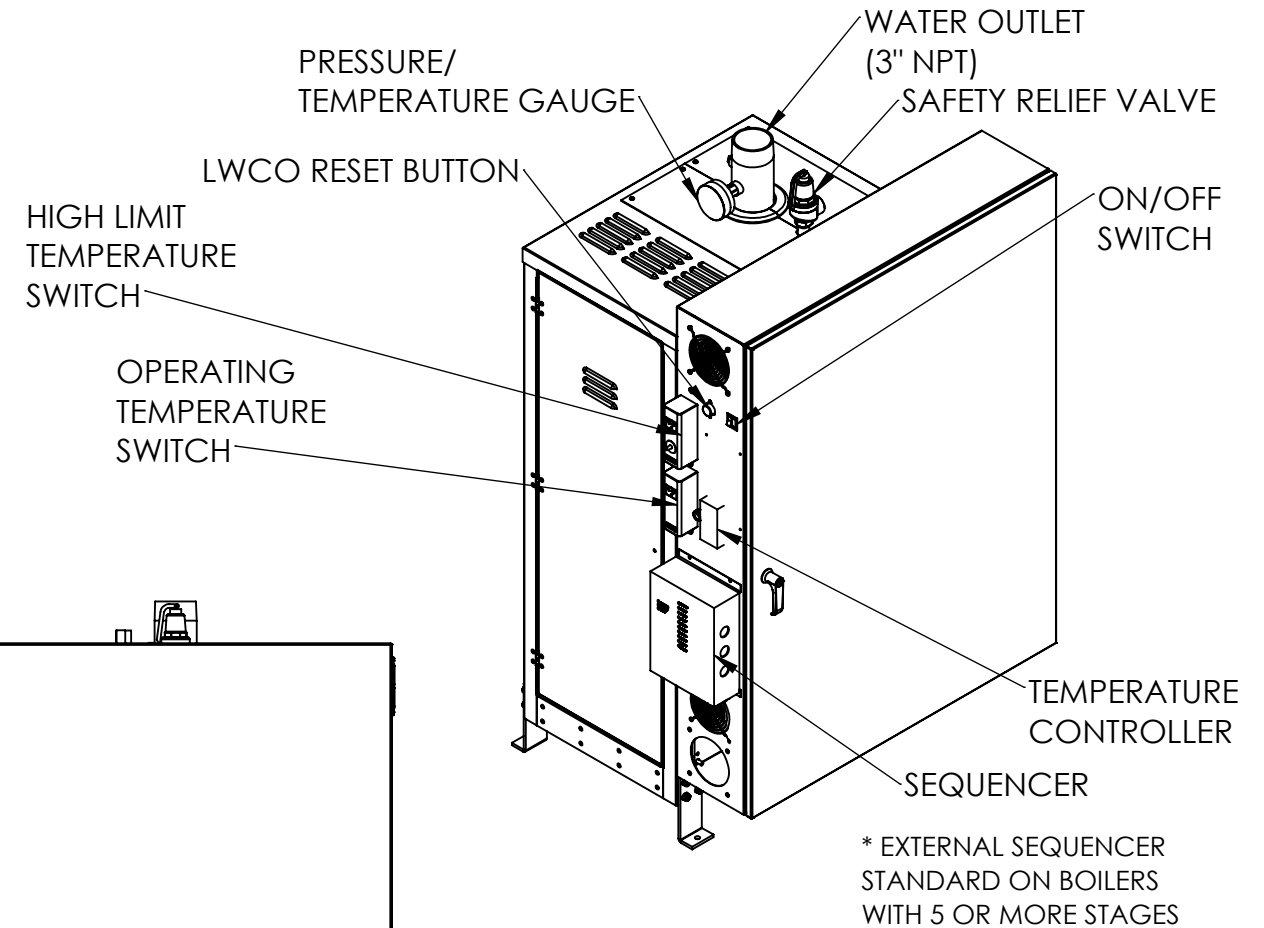
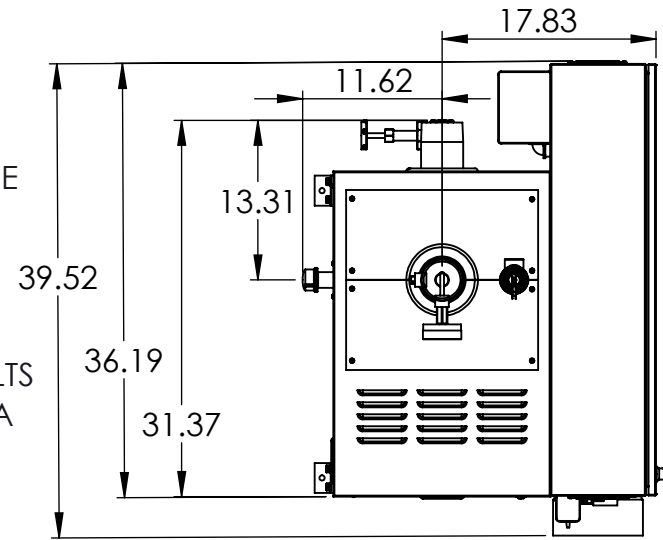
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NOTES:

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- 3. MAXIMUM ALLOWABLE WORKING PRESSURE UP TO 150PSI
- 4. BOILER IS UL LISTED TO STANDARD 834
- 5. FOR EW144G-EW216G FOR VOLTAGES 208, 240 VOLTS
- 6. BACNET IP AND MSTP, MODBUS RS485, AND 4-20 mA REMOTE SET POINT STANDARD
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UNIT WITH 208V OR 240V	NUMBER OF STAGES
EW144G 144kW	4
EW162G 162kW	4
EW180G 180kW	4
EW198G 198kW	6
EW216G 216kW	6

* EXTERNAL SEQUENCER STANDARD ON BOILERS WITH 5 OR MORE STAGES

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 ±.12 ±.031 ±.0156 ±1.0° 250
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TITLE
 EW144G-EW216G 208/3, 240/3
 ELECTRIC WATER BOILERS

A/1		INITIAL DRAWING	JH	5/10/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		JH	05/10/2024	EW144GBC-EW216GBC	A/1
			CHECKED BY		SHEET 1 OF 2	

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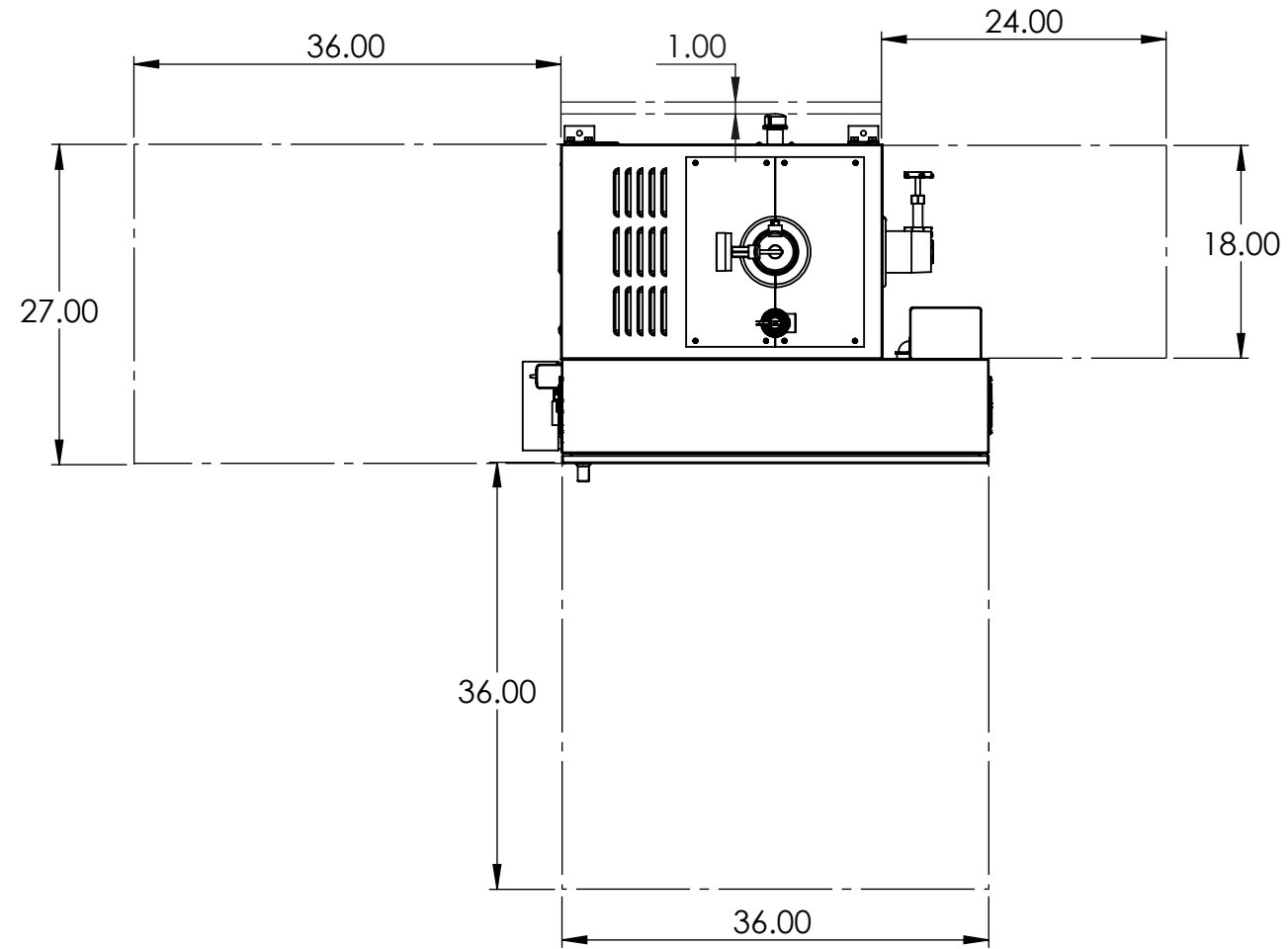
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NOTES:

- 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.
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TITLE EW144G-EW216G 208/3, 240/3
 ELECTRIC WATER BOILERS

A/1		INITIAL DRAWING	JH	5/10/24
REV	ECN	REVISION DESCRIPTION	NAME	DATE

THIRD ANGLE PROJECTION	DWG. SCALE	MATERIAL SPEC:	NAME	DATE	DWG#	REV
	1:16		JH	05/10/2024	EW144GBC-EW216GBC	A/1
			CHECKED BY		SHEET 2 OF 2	

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