

Specification Data Sheet - EZBoiler® EZB-T1* Series

STANDARD EQUIPMENT

EZB-T1-*

- kW output 20 to 36 kW
- Btu/h output 68,200 to 122,800 Btu/h
- Thermostat or end switch connection (R and W)
- Dry contact for load control (off-peak, TOU) or low water cutoff
- Dual Fuel or Energy Selector Switch
- Complete packaged system including pre-installed pump, air eliminator and expansion tank
- LED indicator lights
- Redundant safety limit controls
- 100% safe and efficient
- Compatible with Electro Industries' Zone Controls
- ETL/Intertek listed
- ASME H-Stamp Vessel (Built in accordance to ASME Section IV)
- Conforms to: UL STD.UL834/Certified to: CSA STD.C22.2#165
- 20-Year Vessel and Element Warranty

WATER FLOW REQUIREMENTS (MINIMUM 2 GPM WATER FLOW THROUGH BOILER)

Model	Water Temperature Rise											
	Flow - 10° F/6° C		Head Loss		Flow - 20° F/11° C		Head Loss		Flow - 30° F/16° C		Head Loss	
	gpm	lpm	ft	m	gpm	lpm	ft	m	gpm	lpm	ft	m
EZB-T1-20-240-1	13.65	51.66	.07	.02	6.82	25.01	.02	.006	4.55	17.22	.01	.003
EZB-T1-24-240-1	16.38	62.00	.100	.03	8.49	32.13	.025	.007	5.46	20.66	.01	.003
EZB-T1-28-240-1	19.11	72.33	.136	.04	9.56	36.13	.034	.010	6.37	24.11	.015	.004
EZB-T1-32-240-1	21.85	82.71	.177	.05	10.92	41.33	.044	.013	7.28	27.55	.019	.005
EZB-T1-36-240-1	24.58	93.04	.223	.06	12.29	46.51	.056	.017	8.19	31.00	.025	.007

Note: Head Loss based on 110° F return temperature.

ELECTRIC SUPPLY

Model	Volts	Phase	kW	Watts	Btu/h	Amps	CB
EZB-T1-20-240-1	240/208	1	20/15	20,000/15,000	68,200/51,150	83.3/72	60A + 60A
EZB-T1-24-240-1	240/208	1	24/18	24,000/18,000	82,000/62,000	100/87	80A + 60A
EZB-T1-28-240-1	240/208	1	28/21	28,000/21,000	96,000/72,000	117/101	80A + 80A
EZB-T1-32-240-1	240/208	1	32/24	32,000/24,000	109,000/82,000	133/115	100A + 80A
EZB-T1-36-240-1	240/208	1	36/27	36,000/27,000	122,868/92,000	150/130	100A + 100A

Circulating Pump, all boiler models	120V 60 Hz	0.54 Amps	10A CB
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CLEARANCES

	MINIMUM CLEARANCE		SUGGESTED MINIMUM SERVICE CLEARANCE	
LEFT SIDE	1 INCH	26 MM	12 INCHES	305 MM
RIGHT SIDE	1 INCH	26 MM	12 INCHES	305 MM
BACK	REQUIRED CLEARANCE - 0 INCHES/0 MM			
FRONT	REQUIRED CLEARANCE - 6 INCHES/153 MM			
TOP	REQUIRED CLEARANCE - 14 INCHES/356 MM			
BOTTOM	REQUIRED CLEARANCE - 14 INCHES/356 MM			
SURROUNDING AMBIENT TEMPERATURE MUST NOT EXCEED 90°F/32°C.				

WEIGHT

Model	Weight (lbs)	Model	Weight (lbs)
EZB-T1-20-240-1	178	EZB-T1-32-240-1	187
EZB-T1-24-240-1	181	EZB-T1-36-240-1	190
EZB-T1-28-240-1	184		



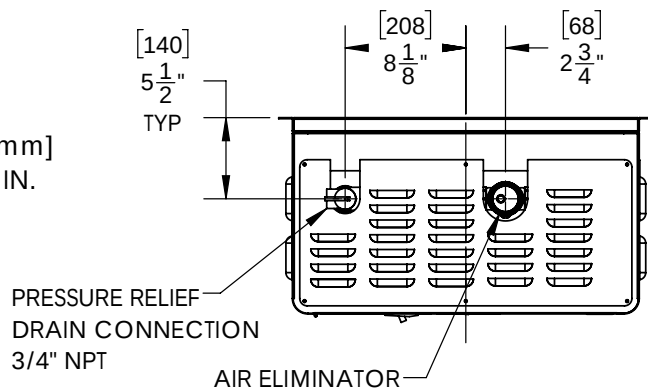
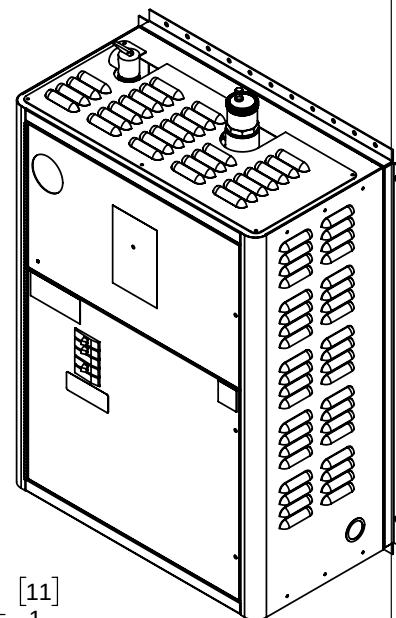
All specifications subject to ELECTRO INDUSTRIES STANDARD TERMS AND CONDITIONS, download at www.electromn.com/terms.pdf.
5/19/2025

ELECTRO INDUSTRIES

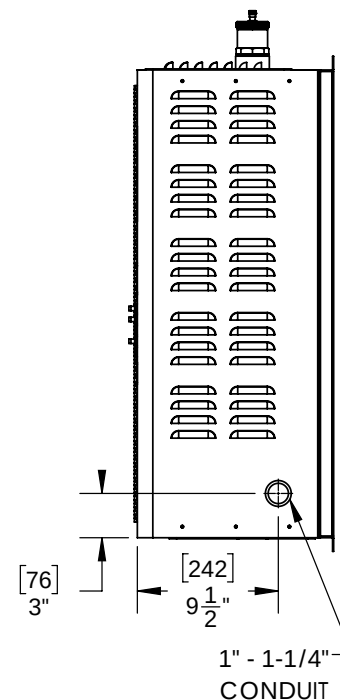
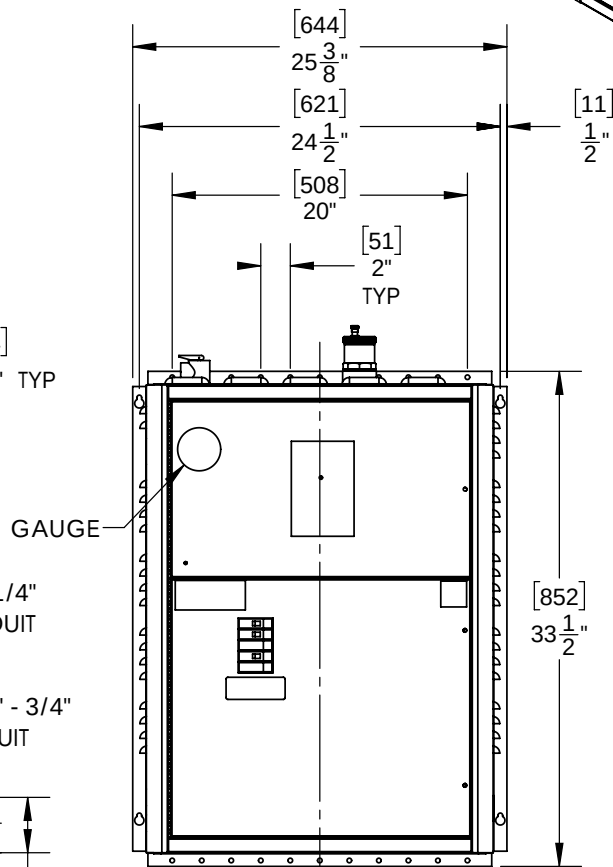
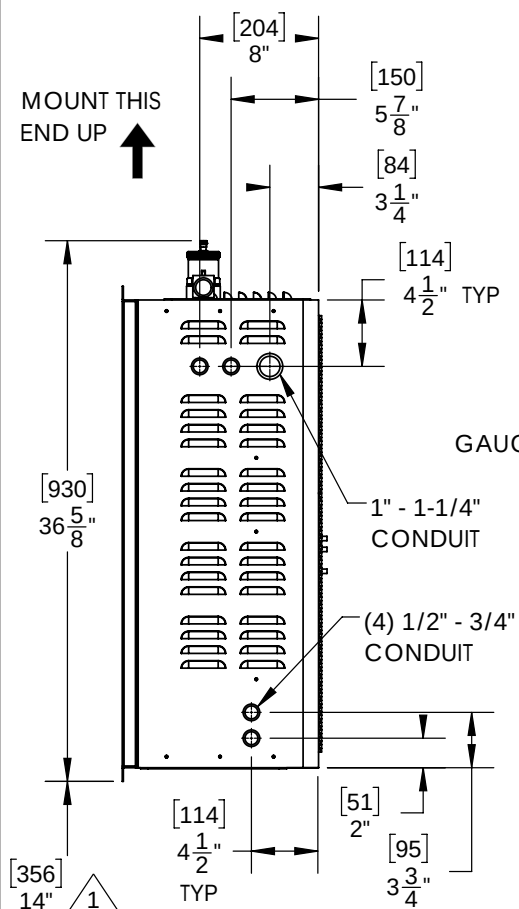
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BL607

DIMENSIONS ARE: [mm]
IN.



MOUNT THIS
END UP ↑



FLOOR

1 MINIMUM CLEARANCE
FROM FLOOR 14".

