

Specification Data Sheet - EZBoiler® EZB-E* Series

STANDARD EQUIPMENT

EZB-Edge® - EZB-E*

- kW Output 5 to 20 kW
- Btu/h Output 17,000 to 68,200 Btu/h
- Temperature Sensing
- WarmFlo Modulation Control
- Dual Fuel Control
- Outdoor Reset Capability
- Available in Single Zone or 4-Zone Controller for Valves or Pumps
- Zone priority up to four different temperatures
- User friendly touch screen display
- 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
- 2-Year Parts Warranty
- 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-**-05-240-1	3.07	11.60	.06	.018	1.53	5.78	.02	.006	1.02	3.85	.02	.006
EZB-**-07-240-1	4.78	18.06	.12	.036	2.39	9.03	.06	.01	1.59	6.01	.02	.006
EZB-**-10-240-1	6.82	25.82	.01	.003	3.41	12.91	.004	.001	2.27	8.59	.001	.001
EZB-**-12-240-1	7.80	29.53	.02	.006	3.92	14.84	.007	.002	2.60	9.84	.002	.001
EZB-**-15-240-1	10.23	38.73	.03	.009	5.11	19.34	.01	.003	3.41	12.91	.004	.001
EZB-**-17-240-1	11.90	45.05	.05	.015	5.97	22.60	.01	.003	3.98	15.02	.007	.002
EZB-**-20-240-1	13.65	51.66	.07	.02	6.82	25.01	.02	.006	4.55	17.22	.01	.003

** = E1 or E4

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

ELECTRIC SUPPLY

Model	Volts	Phase	kW	Watts	Btu/h	Amps	CB
EZB-**-05-240-1	240/208	1	5/3.8	5,000/3,800	17,000/12,750	20.8	30A
EZB-**-07-240-1	240/208	1	7/5.3	7,000/5,300	23,800/17,850	29.2	45A
EZB-**-10-240-1	240/208	1	10/7.5	10,000/7,500	34,100/25,575	41.7	60A
EZB-**-12-240-1	240/208	1	11.5/8.7	11,500/8,700	39,200/29,400	47.9	60A
EZB-**-15-240-1	240/208	1	15/11.3	15,000/11,300	51,100/38,325	62.5	60A + 30A
EZB-**-17-240-1	240/208	1	17.5/13.2	17,500/13,200	59,700/44,775	72.9	60A + 45A
EZB-**-20-240-1	240/208	1	20/15	20,000/15,000	68,200/51,150	83.3	60A + 60A

Circulating Pump, all boiler models	120V 60 Hz	0.54 Amps	10A CB
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** = E1 or E4

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)
EB-**-05-240-1	140	EB-**-15-240-1	140
EB-**-07-240-1	140	EB-**-17-240-1	140
EB-**-10-240-1	140	EB-**-20-240-1	140
EB-**-12-240-1	140		

** = E1 or E4



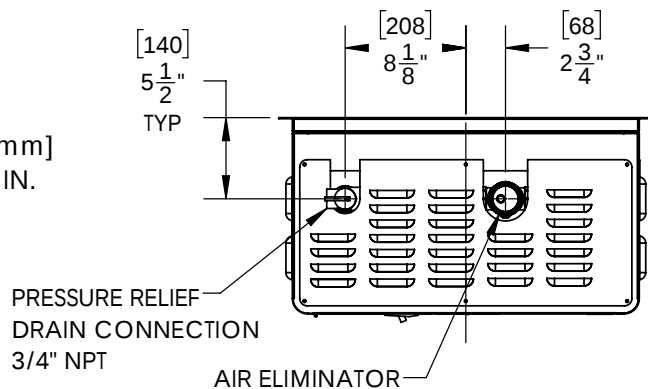
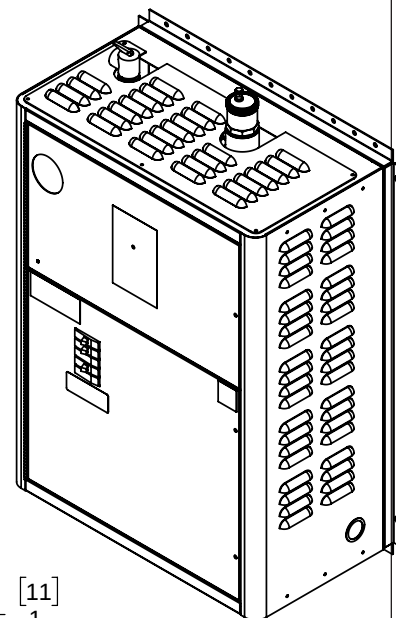
All specifications subject to ELECTRO INDUSTRIES STANDARD TERMS AND CONDITIONS, download at www.electromn.com/terms.pdf.
5/19/2025

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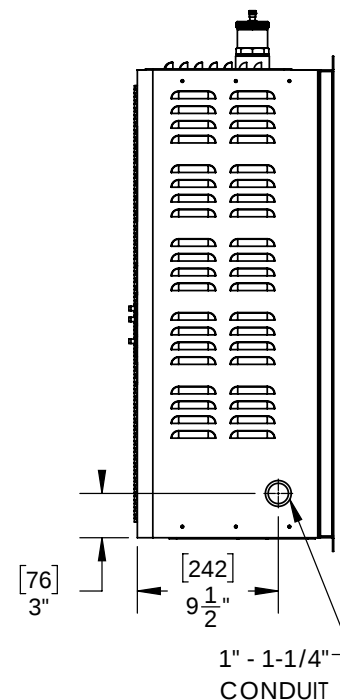
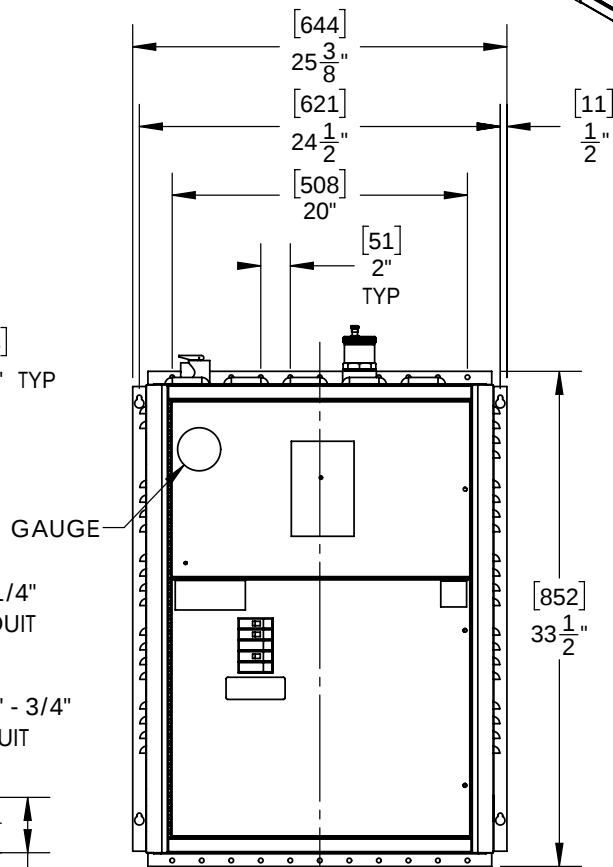
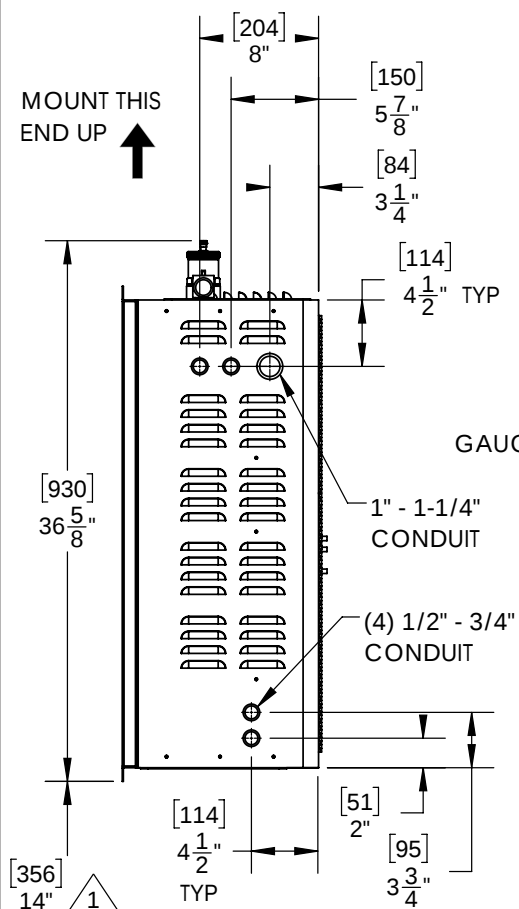
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BL603

DIMENSIONS ARE: [mm]
IN.



MOUNT THIS
END UP ↑



FLOOR

1 MINIMUM CLEARANCE
FROM FLOOR 14".

