ELECTRO INDUSTRIES

North America's Leader in ELECTRIC HEATING TECHNOLOGY



BALANCING DESIGN AND LABOR SAVINGS



Get to know the NEW MINI EZBOILER®

The Mini EZBoiler® is the complete solution for hydronic heating systems, designed with the contractor in mind. Quick installation with fewer components to install reduces labor costs while still providing a professional looking installation.

MANUFACTURED IN AMERICA
USING THE FINEST MATERIALS & COMPONENTS FROM AROUND THE WORLD

Call Today
800.922.4138
FAX: 763.295.4434

2150 West River St.
Monticello, MN 55362
sales@electromn.com

www.electromn.com



APPLICATIONS

Basements | Slab on Grade | Garages | Shops | Room Additions

The Mini EZBoiler® is a complete boiler system for a wide variety of hydronic heating applications. We made the product easy to install by enclosing the basic hydronic components into one cabinet, which will save the installer significant amount of labor and space savings.

The Mini EZBoiler® control board features two-zone capability to target separate temperatures for each zone. The first zone can be used as a priority zone to handle applications such as an indirect hot water system or perhaps a high temperature baseboard. The second zone can be used for low or high temperature radiant floor heating application. Like all Electro Industries' electric boilers, the Mini EZBoiler® is an economical choice that is safe to operate and can be installed almost anywhere in your home.

FEATURES AND BENEFITS

- kW output 1.1 to 18 kW
- Btu/h output 3,700 to 61,400 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
- Circulator switching relay – 10-amp maximum
- LED indicator lights
- Redundant safety limit controls
- 100% safe and efficient
- ETL/Intertek listed
- ASME H-Stamp Vessel (Built in accordance to ASME Section IV)
- 20-Year Vessel and Element Warranty

EZB-M2 MODELS ONLY

- Full element modulation for precise temperature control and energy savings
- Outdoor reset capability (optional)
- Two temperature zone capability with single zone priority control

All specifications subject to ELECTRO INDUSTRIES terms and conditions. Download at www.electromn.com.

COMPONENTS INCLUDED

- ASME Pressure Vessel
- Long lasting Incoloy Heating Elements
- Pressure/Temperature Gauge
- Temperature Sensors (Supply/Outdoor)
- Hi-limits:
  1st-automatic reset at 190°F
  2nd-manual reset at 205°F
- 30 psi Relief Valve
- Air Eliminator
- Pre-charged 12 psi Expansion Tank
- Circulating Pump , 3 speed ECM with Isolation Flanges
- 240 VAC circuit breakers for main power and 120 VAC breaker for circulating pump (field wired separately)



Pictured: EZB-M2

SPECIFICATIONS

STAGING - Ideal for single zone applications such as radiant floor heating systems requiring <160°F

Model	kW	Watts	Btu/h	Amps	Voltage	Phase	CB
EZB-R1-01-120-1	1.1	1,100	3,700	10	120	1-60 Hz	N/A
EZB-R1-03-120-1	2.5	2,500	8,500	21	120	1-60 Hz	N/A
EZB-R1-05-240-1	5	5,000	17,000	21	240/208	1-60 Hz	30A
EZB-R1-07-240-1	7	7,000	23,800	30	240/208	1-60 Hz	45A
EZB-R1-09-240-1	9	9,000	30,700	38	240/208	1-60 Hz	60A

120 VAC, 10-amp circuit breaker for circulating pump

MODULATING - Ideal for low temperature radiant floor heating or hot water baseboard systems requiring up to 180°F (Outdoor Reset capability)

Model	kW	Watts	Btu/h	Amps	Voltage	Phase	CB
EZB-M2-01-120-1	1.1	1,100	3,700	10	120	1-60 Hz	N/A
EZB-M2-03-120-1	2.5	2,500	8,500	21	120	1-60 Hz	N/A
EZB-M2-05-240-1	5	5,000	17,000	21	240/208	1-60 Hz	30A
EZB-M2-07-240-1	7	7,000	23,800	30	240/208	1-60 Hz	45A
EZB-M2-09-240-1	9	9,000	30,700	38	240/208	1-60 Hz	60A
EZB-M2-12-240-1	12	12,000	40,900	50	240/208	1-60 Hz	45A, 45A

120 VAC, 10-amp circuit breaker for circulating pump

MODULATING - Ideal for low temperature radiant floor heating or hot water baseboard systems requiring up to 180°F (Outdoor Reset capability), Slight Larger Enclosure

Model	kW	Watts	Btu/h	Amps	Voltage	Phase	CB
EZB-M2-15-240-1	15	15,000	51,100	63	240/208	1-60 Hz	60A, 45A
EZB-M2-18-240-1	18	18,000	61,400	75	240/208	1-60 Hz	60A, 60A

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