ELECTRO INDUSTRIES

North America's Leader in ELECTRIC HEATING TECHNOLOGY



IMPRESSIVE PERFORMANCE COMPACT DESIGN

Intertek

NEW LARGER CAPACITY

- Now available from 20 kW (68,200 Btu/h) to 36 kW (122,800 Btu/h)
- Element modulation for precise water temperature control
- New compact cabinet design

ELECTRO-BOILER 20 TO 36 kW

The Electro-Boiler is designed to meet the needs of all your hydronic or forced air applications from residential homes to small commercial buildings, shops and more…

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

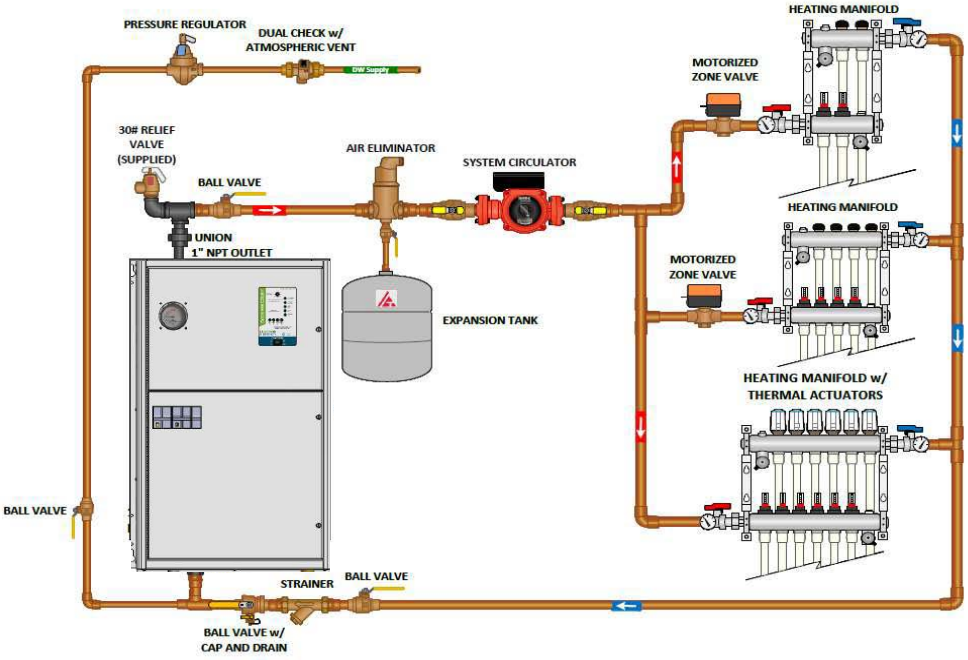
Residential | Commercial | Farm Shops

This small compact boiler is now available to deliver anywhere from 68,200 – 122,800 Btu/hr and is designed with state of the art solid state relays that will deliver extremely accurate temperature control throughout the heating process. Unlike fossil fuel boilers with strict fuel line and venting requirements, Electro-Boilers have the flexibility to mount anywhere in the building.

Since the 1980's, Electro Industries has been manufacturing reliable and quality boilers that are supported by the best industry warranty to give homeowners a peace of mind while delivering comfort and efficient operation. Each one of our electric boilers is pressure tested by ASME engineers to ensure safety throughout its long operating life. Electro-Boilers are widely used in space heating, radiant floor heating, snowmelt, domestic water heating, baseboard, and cast iron radiators for residential, commercial and industrial applications.

Heating with electricity is proven to be the most energy efficient method of heating and flexible to meet the growing demands of the nation's move to beneficial electrification.

PIPING DIAGRAM EDB-T1



FEATURES AND BENEFITS

- Element modulation for precise temperature control
- Quiet solid state relays or DC power relays
- Outdoor reset capability to save energy
- Dual Fuel or Low Water Cut Off (LWCO) connection
- Circuit breaker disconnects
- Circulating pump relay (10-amp)
- Includes front panel pressure/temperature gauge and relief valve
- Incolloy elements for long lasting operation
- Simple installation as no venting is required
- Lightweight for easy wall-mounted installation
- Low pressure drop equals no expensive primary /secondary piping, pumps or control wiring
- Low maintenance compared to gas boilers
- ASME stamped vessel (built in accordance to ASME Section IV)
- Warranty, single phase units:
  - 20-year element warranty
  - 20-year vessel warranty

SPECIFICATIONS Temperature ranges from 90°F to 180°F

Model	Volts	Phase	kW	Watts	Btu/h	Amps	CB
EDB-T1-20-240-1	240/208	1-60 Hz	20/15	20,000/15,000	68,242/51,182	83.3/70	60A + 60A
EDB-T1-24-240-1	240/208	1-60 Hz	24/18	24,000/18,000	81,912/61,434	100/87	60A + 80A
EDB-T1-28-240-1	240/208	1-60 Hz	28/21	28,000/2100	95,564/71,678	117/101	80A + 80A
EDB-T1-32-240-1	240/208	1-60 Hz	32/24	32,000/24,000	109,216/81,912	133/115	100A + 80A
EDB-T1-36-240-1	240/208	1-60 Hz	36/27	36,000/27,000	122,808/92,127	150/130	100A + 100A
EDB-T1-18-208-3	208	3-60 Hz	18	18,000	61,434	50	70A
EDB-T1-23-208-3	208	3-60 Hz	23	23,000	78,499	62	80A
EDB-T1-28-208-3	208	3-60 Hz	27	27,000	92,000	75	100A
EDB-T1-32-208-3	208	3-60 Hz	31.5	31,500	107,000	87	110A
EDB-T1-36-208-3	208	3-60 Hz	36	36,000	123,000	100	125A
EDB-T1-20-240-3	240	3-60 Hz	20	20,000	68,242	47	60A
EDB-T1-24-240-3	240	3-60 Hz	24	24,000	81,912	57	80A
EDB-T1-28-240-3	240	3-60 Hz	28	28,000	95,564	67	90A
EDB-T1-32-240-3	240	3-60 Hz	32	32,000	109,000	77	100A
EDB-T1-36-240-3	240	3-60 Hz	36	36,000	123,000	87	110A
EDB-T1-18-480-3	480	3-60 Hz	18	18,000	61,000	22	30A
EDB-T1-24-480-3	480	3-60 Hz	24	24,000	82,000	29	40A
EDB-T1-28-480-3	480	3-60 Hz	27	28,000	92,000	32	45A
EDB-T1-30-480-3	480	3-60 Hz	30	30,000	102,000	36	50A
EDB-T1-36-480-3	480	3-60 Hz	36	36,000	123,000	43	60A
EDB-T1-20-600-3	600	3-60 Hz	20	20,000	68,242	24	30A
EDB-T1-24-600-3	600	3-60 Hz	24	24,000	81,912	29	30A
EDB-T1-28-600-3	600	3-60 Hz	28	28,000	95,564	34	40A
EDB-T1-32-600-3	600	3-60 Hz	32	32,000	109,216	38	40A
EDB-T1-36-600-3	600	3-60 Hz	36	36,000	122,808	43	50A

*208VAC applications – reduce Btu and ampacity by 25%

OPTIONAL ACCESSORIES

ELECTRO'S ZONE CONTROLLERS





EB-C-STG5 STAGING CONTROLLER

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Changing the way you think about ELECTRIC HEATING TECHNOLOGY

To locate a contractor or distributor in your area, visit our website and click on Dealer Finder



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