Specification Data Sheet - Mini-Boiler™ Series

STANDARD EQUIPMENT

Modulating - EDB-M2*

- Supply water sensing
- Modulates to front panel selected temperature
- Temperature range 90° F to 180° F
- Staging indicator lights
- DC power relays
- Hi-limits: 1st - automatic reset at 190° F
  2nd - manual reset at 205° F
- Circulator switching relay - 10-amp maximum
- Thermostat or end switch connection (R and W)
- Utility load control provisions
- 1 gl. steel vessel ASME "H" Stamp (20-year warranty)
- Supply temperature/pressure gauge
- Safety relief valve (30 PSI)
- Conforms to: UL STD.UL834/Certified to: CSA STD.C22.2#165

WATER FLOW REQUIREMENTS (MINIMUM 0.3 GPM PER KW 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
EDB-M2-15-240-1	10.23	38.73	.033	.009	5.11	19.43	.01	.003	3.41	12.91	.004	.001
EDB-M2-18-240-1	12.28	46.49	.05	.015	6.14	23.24	.01	.003	4.09	15.48	.007	.002

Note: Head Loss based on 120° F supply temperature.

ELECTRIC SUPPLY

Model	Volts	Phase	kW	Watts	Btu/h	Amps	CB
EDB-M2-15-240-1	240/208	1-60	15/11.3	15,000/11,300	51,180/38,441	62.5/54.2	60A,45A
EDB-M2-18-240-1	240/208	1-60	18/14.0	18,000/14,000	61,416/47,782	75.0/65.0	60A, 60A

CLEARANCES

	MINIMUM CLEARANCE		SUGGESTED MINIMUM SERVICE CLEARANCE	
LEFT	1 INCH	26 MM	12 INCHES	305 MM
RIGHT	1 INCH	26 MM	12 INCHES	305 MM
BACK	0 INCHES	0 MM	0 INCHES	0 MM
FRONT	1 INCH	26 MM	21 INCHES	534 MM
TOP	1 INCH	26 MM	14 INCHES	356 MM
BOTTOM	1 INCH	26 MM	14 INCHES	356 MM
SURROUNDING AMBIENT TEMPERATURE MUST NOT EXCEED 90°F/32°C				

UNIT WEIGHT

Model	Weight (lbs)
EDB-M2-15-240-1	82
EDB-M2-18-240-1	87

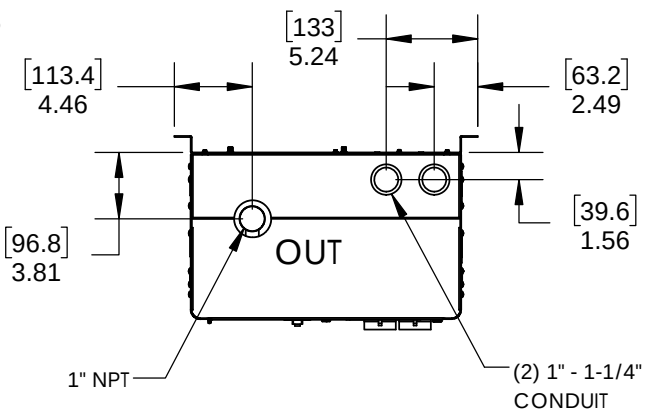
Intertek

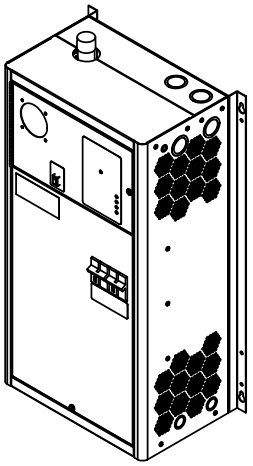
All specifications subject to ELECTRO INDUSTRIES STANDARD TERMS AND CONDITIONS, download at www.electromn.com/terms.pdf.

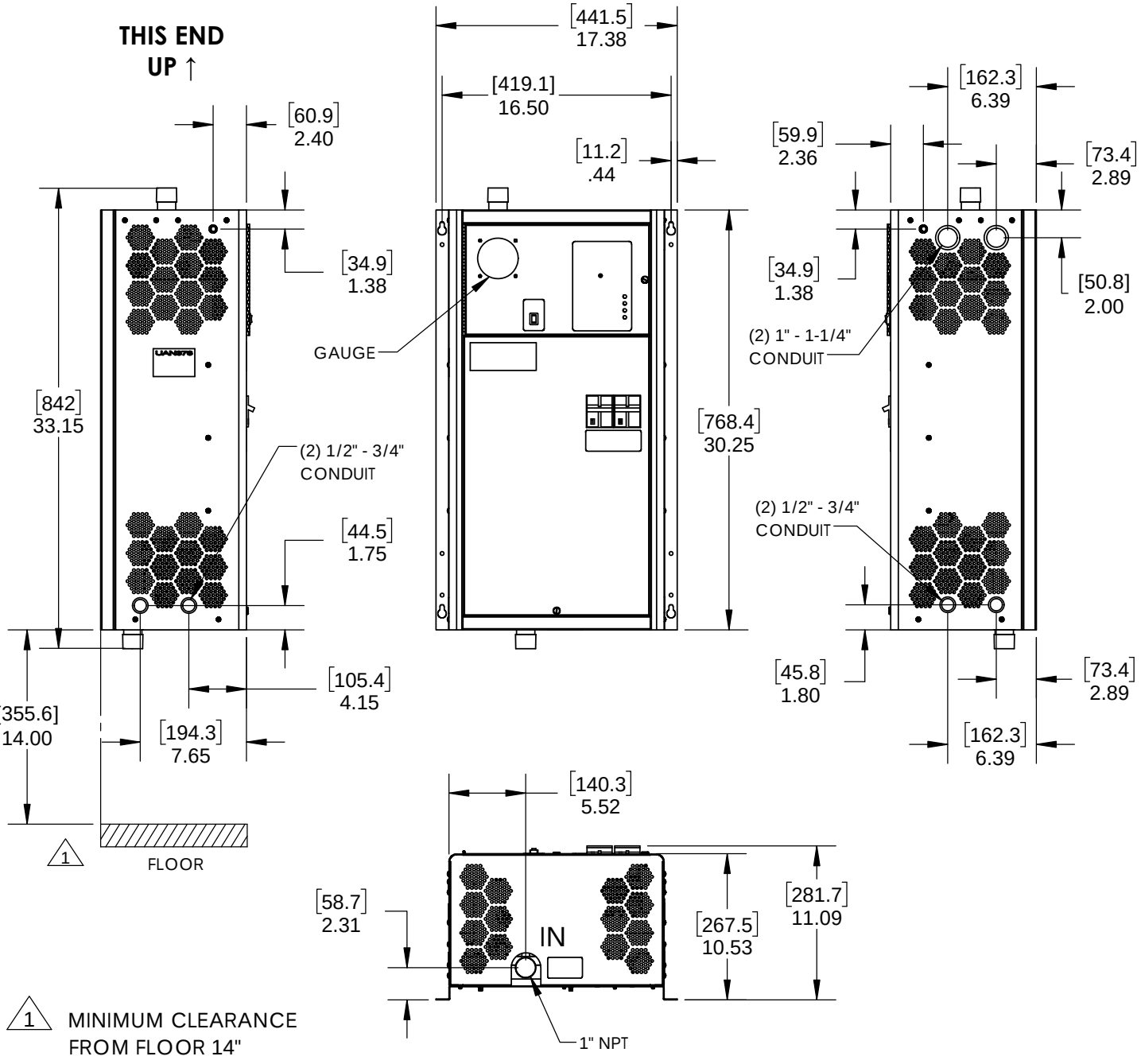
ELECTRO INDUSTRIES
Monticello, MN · 800.922.4138 · www.electromn.com

ELECTRO INDUSTRIES
Mini-Boiler™
(EDB-M2-**)

DIMENSIONS ARE: [mm]
IN.







1 MINIMUM CLEARANCE FROM FLOOR 14"

NAME	DATE		SCALE	DESCRIPTION		MATERIAL	FINISH
DRAWN NM	11/12/24	ALL DIMENSIONS ARE IN INCHES TOLERANCES AS SHOWN OR: TWO-PLACE DECIMAL: ±.020 THREE-PLACE DECIMAL: ±.010	1:8	Mini-Boiler™ EDB-M2* Series (15 & 18)kW (240V) ARCAT CAD DETAILS	ELECTRO INDUSTRIES *Monticello, MN 55362 (763)295-4138*	-	-
CHECKED						PROJECT -	PART NUMBER -
APPROVED		**PROPRIETARY AND CONFIDENTIAL** NOTE: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ELECTRO INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ELECTRO INDUSTRIES IS PROHIBITED.			DO NOT SCALE DRAWING	STATUS Production	REV A / DOCUMENT NUMBER BL102 / SHEET 1/1

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