Specification Sheet - Electric Make-Up Air Heater

STANDARD EQUIPMENT

- Stage LED indicators
- Quiet DC power relays
- Thermostat end switch connection point
- Hi-limits, automatic reset - 135° F & 150° F/180° fused link
- Compact enclosure
- Two element sizes available - 8 x 10 or 8 x 16
- 5-year element warranty
- 2-year parts warranty
- Temperature sensing with full modulation
- Maintains specific temperature set point
- Unique design allows for simplified installation
- Cooling mode element disable option
- Requires 24V external control power supply
- Element operation LED
- ETL/Intertek listed
- Conforms to: UL STD.UL1996/Certified to: CSA STD.C22.2#155

TEMPERATURE RISE CHART*

Temperature Rise Needed		80° F	70° F	60° F	50° F	40° F	30° F
Model	**Watts**	**CFM**	**CFM**	**CFM**	**CFM**	**CFM**	**CFM**
EM-WM1134H	10800	425	486	567	680	850	1133
EM-WM1535L	14400	567	648	756	907	1133	1511
EM-WM1536L	15000	593	677	790	948	1185	1580
EM-WM2035L	19200	756	863	1007	1209	1511	2015

*Typically the maximum temperature rise for this product is 40° F for room air inlet. If used for make-up air, larger temperature rises are permissible, see table above.

ELECTRIC SUPPLY

Model	kW	Btu/h	Amps	Fuse	Phase	Voltage	Source CB	Shipping Weight	Installation Manual	Minimum CFM
EM-WM1134H	10.8	36,860	30	40	3-60	208	40	20	EI902	420
EM-WM1535L	14.4	51,190	60	50 + 30	1-60	240	80	19	EI902	560
EM-WM1536L	15	49,150	42	50	3-60	208	60	21	EI902	590
EM-WM2035L	19.2	65,530	80	50 + 50	1-60	240	100	21	EI902	750

MODE DIAL TEMPERATURE RANGE OPTIONS

The “Minimum Warm Air” dial sets the fixed target set point during heating on operation.

MODE DIAL SETTING #7		
Minimum Warm Air	**Temp Range Selection**	
	HI °F	LO °F
0	70	20
1	80	30
2	90	35
3	100	40
4	110	50
5	115	55
6	120	60
7	125	65

Intertek

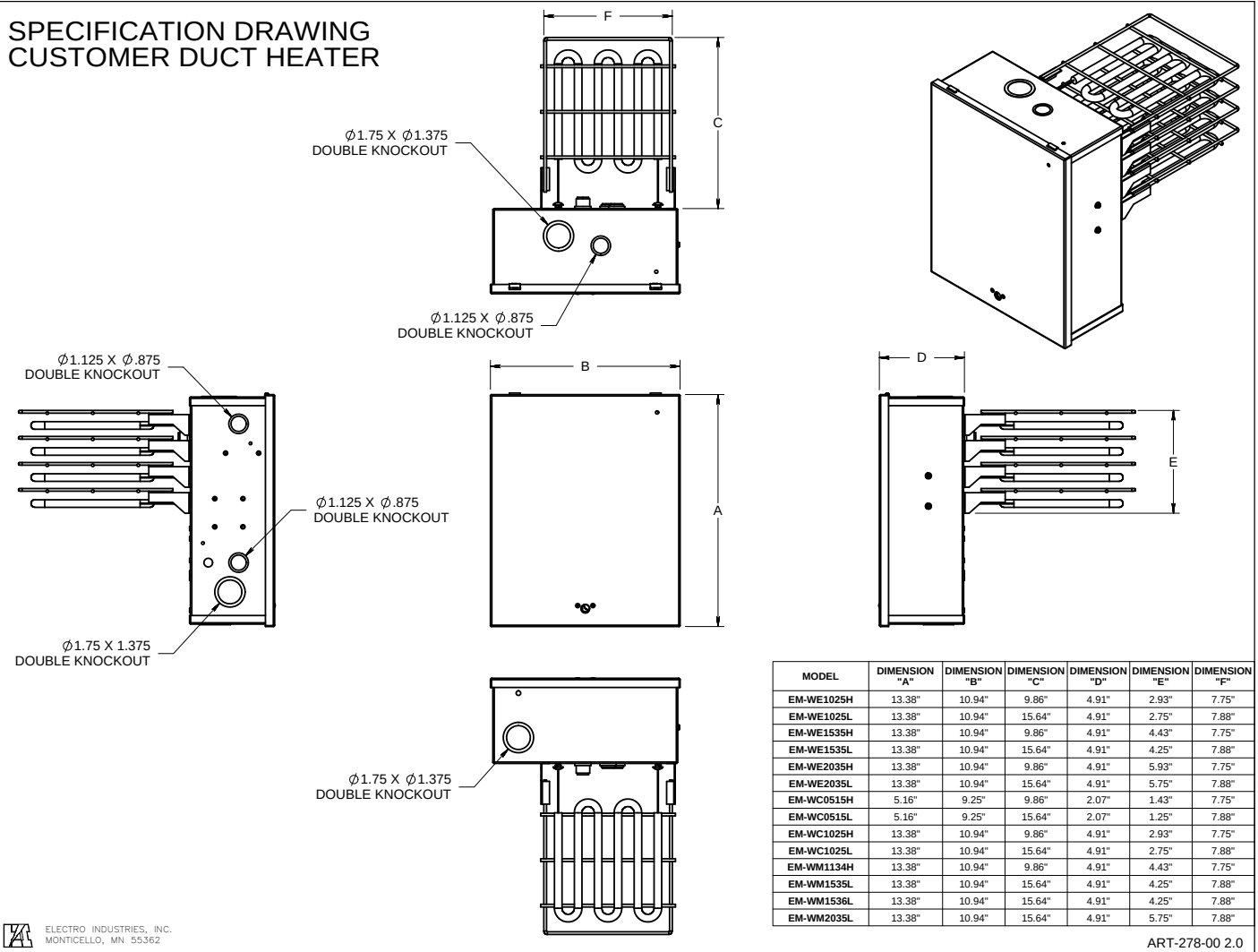
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ELECTRO INDUSTRIES

Monticello, MN · 800.922.4138 · www.electromn.com

SPECIFICATION DRAWING
CUSTOMER DUCT HEATER



MODEL	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"	DIMENSION "D"	DIMENSION "E"	DIMENSION "F"
EM-WE1025H	13.38"	10.94"	9.86"	4.91"	2.93"	7.75"
EM-WE1025L	13.38"	10.94"	15.64"	4.91"	2.75"	7.88"
EM-WE1535H	13.38"	10.94"	9.86"	4.91"	4.43"	7.75"
EM-WE1535L	13.38"	10.94"	15.64"	4.91"	4.25"	7.88"
EM-WE2035H	13.38"	10.94"	9.86"	4.91"	5.93"	7.75"
EM-WE2035L	13.38"	10.94"	15.64"	4.91"	5.75"	7.88"
EM-WC0515H	5.16"	9.25"	9.86"	2.07"	1.43"	7.75"
EM-WC0515L	5.16"	9.25"	15.64"	2.07"	1.25"	7.88"
EM-WC1025H	13.38"	10.94"	9.86"	4.91"	2.93"	7.75"
EM-WC1025L	13.38"	10.94"	15.64"	4.91"	2.75"	7.88"
EM-WM1134H	13.38"	10.94"	9.86"	4.91"	4.43"	7.75"
EM-WM1535L	13.38"	10.94"	15.64"	4.91"	4.25"	7.88"
EM-WM1536L	13.38"	10.94"	15.64"	4.91"	4.25"	7.88"
EM-WM2035L	13.38"	10.94"	15.64"	4.91"	5.75"	7.88"

ELECTRO INDUSTRIES, INC.
MONTICELLO, MN 55362

ART-278-00 2.0

Installation Specifications

When installing this duct heater, NEC 424, Part IV, Duct Heaters, applies.

When installed in an "inline" duct or round pipe adapter for a general distribution boost heater or make-up air application, observe the following guidelines:

1. This product must be installed in a metal duct, size of heater inlet and outlet collar*.
2. There shall be no insulation on the **inside** of this sheet metal duct section.
3. Any flex-pipe or other insulated pipe must be at least 24" from the heater enclosure (electric element).
4. Mounting - there must be at least 2" air clearance around all sides of this sheet metal enclosure (duct section).
5. If there is a need to insulate this duct section for moisture condensation or in an unheated compartment, it is permissible to wrap insulation around the exterior of this metal enclosure (duct section).
6. The control box must be positioned so it will not receive dripping water or collection of moisture.

*Contact factory for recommendations when transitioning to other duct sizes.