

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
- ARL listed
- Made in the USA

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

CHIP CODE OPTIONS†

Switch Position	B	C	D	E	H
0	96°	20°	40°	60°	88°
1	100°	25°	52°	65°	90°
2	104°	30°	64°	70°	92°
3	108°	35°	76°	75°	94°
4	112°	40°	88°	80°	96°
5	116°	45°	100°	85°	98°
6	120°	50°	112°	90°	100°
7	124°	55°	124°	95°	102°

†Comfort level temperature setting - choose correct chip code for application. Note: Unless otherwise specified, product will be shipped with a default "D" chip.

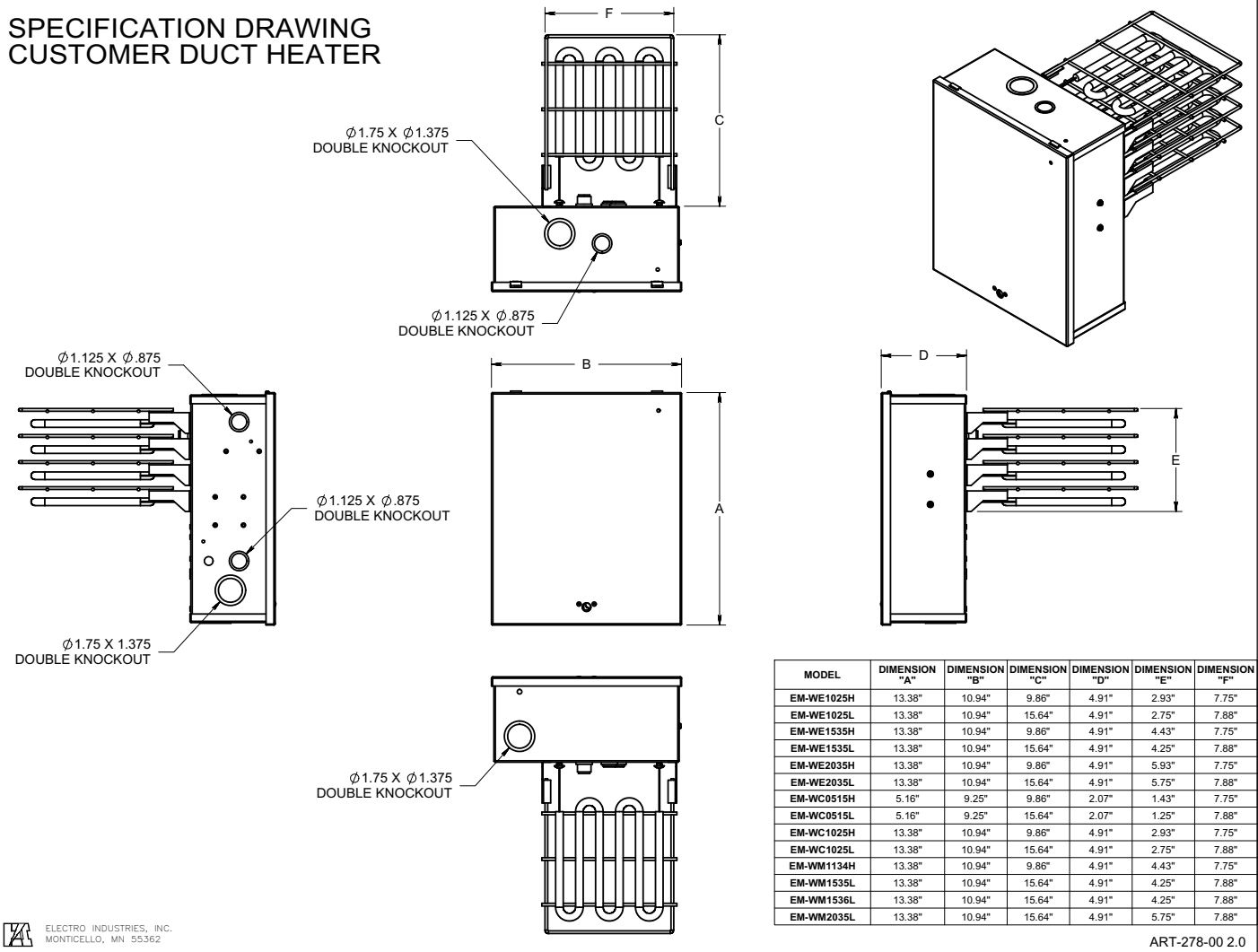


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SPECIFICATION DRAWING CUSTOMER DUCT HEATER



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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 element rack.
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 electric element.
4. Mounting - there must be at least 2" air clearance around all sides of this sheet metal 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 duct section.
6. The control box must be positioned so it will not receive dripping water or collection of moisture.