Specification Sheet - Electric Make-Up Air/Boost Heater

STANDARD EQUIPMENT

- 120V, 14 AWG, SJT type, 15A plug (cord length ≈ 7 ft.)
- Hi-limits, automatic reset - 150° F/180° fused link
- 20-year element warranty
- 2-year parts warranty
- Temperature sensing with full modulation
- Maintains specific temperature set point
- 6” round duct section
- Quiet DC power relays
- Thermostat end switch connection point
- Unique design allows for simplified installation
- Cooling mode element disable option
- Requires external 24V 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-WX01-120-1-06	1000	40	45	53	63	79	105

*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	Minimum CFM	Duct Collar
EM-WX01-120-1-06	1	3,400	8.33	N/A	1-60	120	15	9	35	6”

OUTLET TEMPERATURE SETTING

The inside circuit board contains two screwdriver switches marked Ø through 7. Adjust them to select the desired set point for your application.

EX: Ideal set point = 86°
Mode Dial would be set to #4
Warm Air Dial would be set to #0
NOTE: MODE DIAL setting # 7 is not applicable to this product

MODE DIAL TEMPERATURE RANGE OPTIONS

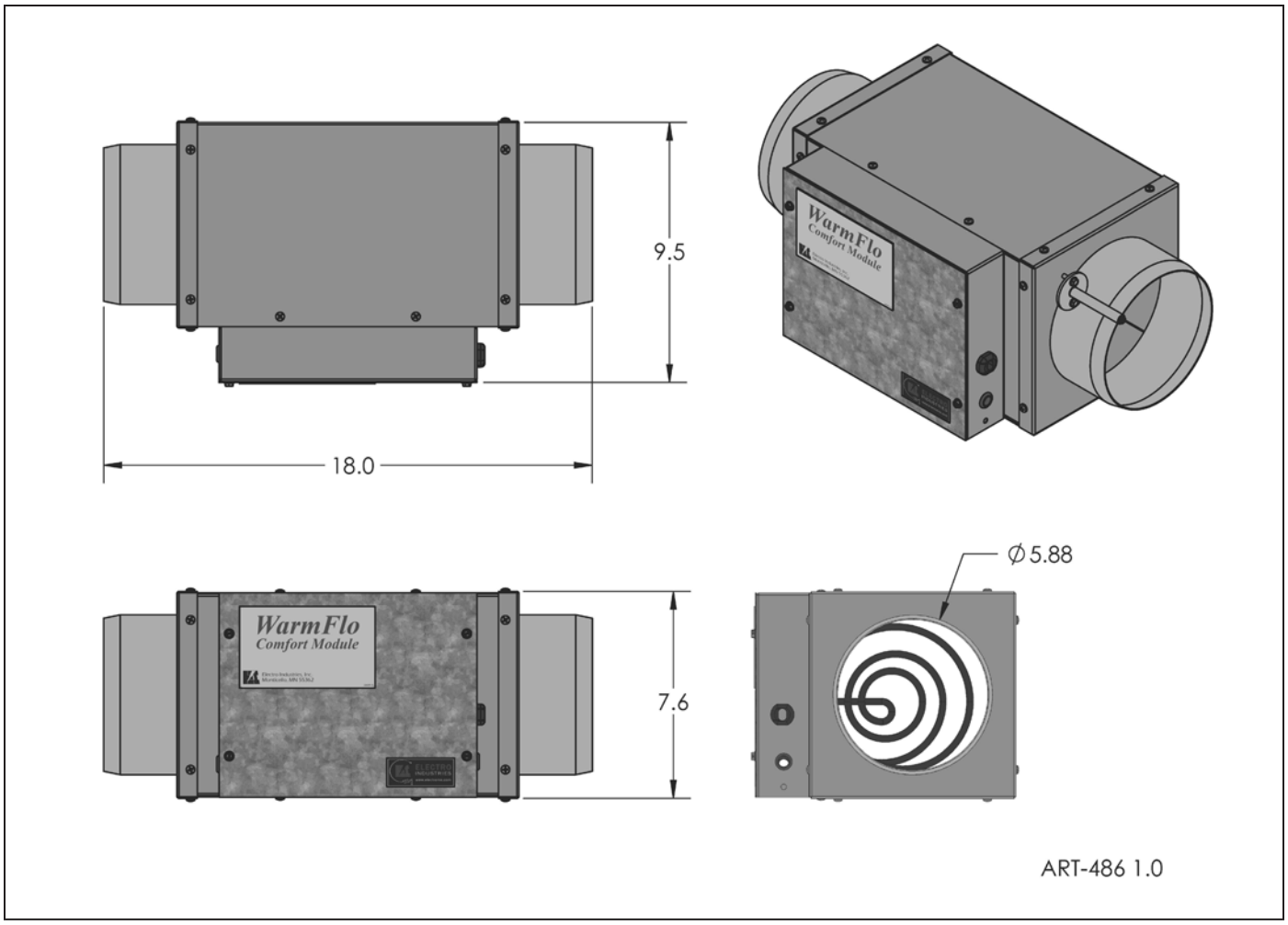
	Mode Dial						
Warm Air Dial	**0**	**1**	**2**	**3**	**4**	**5**	**6**
0	-10	14	38	62	86	110	134
1	-7	17	41	65	89	113	137
2	-4	20	44	68	92	116	140
3	-1	23	47	71	95	119	140
4	2	26	50	74	98	122	140
5	5	29	53	77	101	125	140
6	8	32	56	80	104	128	140
7	11	35	59	83	107	131	140

Intertek

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ELECTRO INDUSTRIES

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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.