Electric Heated Drawing

HV2 (High Velocity 2 Series)

TOP VIEW

FRONT VIEW

REMOTE THERMOSTAT

SIDE VIEW

RECOMMENDED ACCESSORIES

* Use corresponding letters in “Voltage Code” then “Wattage Code” columns to complete the model numbers

Notes:

1. This product is designed to meet the National Electric Code (NEC) and is ETL listed for the US and Canada (UL 2011 and CSA 22.2).
2. (4) 7/16" mounting holes provided on for overhead mounting provided, (2) on each end.
3. (2) 1/2" key hole slots and (2) 7/16" mounting holes are provided on each end of the back side for wall mounting.
4. All units have a self contained one piece cabinet, fire retardant and corrosion proof paint lock metal double protected with baked on Titanium Silver color, rust preventative electrostatic polyurethane powder coating.
5. Cabinet is to be mounted from overhead or fastened to a wall and has sufficient strength for suspension from both ends without intermediate support.
6. Control panel is pre-wired and pre-mounted inside the cabinet.
7. Unit is to be installed such that air flow is unobstructed. Unit has a 3" air discharge nozzle containing adjustable air directional vanes with 40" sweep front to back.
8. Wall mounted 24 volt thermostat with remote "heat/off/fan" switch is shipped loose and field installed. Terminal block provided inside control panel.
9. Circuit protection as per NEC by others.
10. Door limit switch and mounting brackets are field installed and/or wired by others. The door limit switch is to be mounted such that the air curtain turns on as door begins to open. To prevent unit damage, the mounting brackets must be installed such that the bottom of the air curtain is not below the door header.
HV2 (High Velocity 2) Series
Electric Heated
Model Lengths 48” – 144”

Electric Heated Data Sheet

Applications: Environmental Separation: Max Height 14’ / Insect Control: Max Height 12’

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Features:
- Air Curtain
  - 1 HP Continuous Duty TEAO Motors
  - Sleek self-contained one piece heavy gauge corrosion proof paint lock metal design
  - ETL Certified to conform to UL 2021 (US) and CSA 22.2 (Canada) Standards
  - (4) 7/16” Top and wall mounting holes provided
  - Cabinet has sufficient strength for fastening to wall on both ends
  - Adjustable air directional vanes with 40" sweep front to back
  - Standard color is Titanium Silver
  - Rust preventative electrostatic polyurethane powder coating
  - 18 months parts warranty
  - Freight Included (FOB Continental USA)
  - Proudly Made in the USA

Electric Heater Coil and Wiring
- Coils are an open type for rapid temperature rise to be located in the air curtain’s intake directly in the air stream
- Manual reset thermal overload protection provided
- Controls internally mounted, prewired ready for power connection and accessible through the intake or top access panels
- 3/4” knockouts are provided on the top and the ends
- A heat/off/fan switch is unit mounted at the bottom and the control voltage is 24 volts
- A wall mounted 24 volt thermostat is included (field wired and installed by others)

Options and Accessories: (see Accessories Brochure)
- SimpleLink Controller
  - For 2 speed, separate 115V or 208/230V, 1Ph power required for 460 & 575V
- Adjustable time delay (1 sec to 17 min)
- Remote mounted fused or non-fused disconnects
- Hi-Lo Heat
- Heat on Demand
- Master + Slave Control Kit
- 2 speed controls (Separate 115V or 208/230V, 1Ph power required for 460 & 575V)
- Wall and Overhead Bracket
- 1/4” Aluminum Mesh Filters
- Vertical Mounting Kit
- Custom colors and finishes (304SS, 316SS)

Sound Levels: (measured at 10’ in an open field)
1 Motor Unit = 66 dBA, 2 Motor Unit = 68 dBA, 3 Motor Unit = 71 dBA & 4 Motor Unit = 73 dBA

Note: Data above for 1725 RPM at 60 Hz. 50 Hz is 1425 RPM with a 10% reduction in the performance data.

Motor Amps per Motor: 9A @ 115v; 5A @ 208/230v/1Ø; 3.3A @ 208v/3Ø, 3.2A @ 230V/3Ø, 1.6A @ 460v/3Ø, 1.3A @ 575v/3Ø.

Additional features:
- Type E Motor amperage: 208/230V, 1Ø: 22.2A, 3Ø: 65.8A
- 12 kW(208v), 24 kW(230v), 36 kW(575v)
- Motor ampacity: 9A @ 115v; 5A @ 208/230v/1Ø; 3.3A @ 208v/3Ø, 3.2A @ 230V/3Ø, 1.6A @ 460v/3Ø, 1.3A @ 575v/3Ø.

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