# Electric Heated Drawing

**PH10**  
(Phantom 10 Series)

For tandem mounted units, center support required. The (2) center mounting holes are centerline of unit and 7 5/8" from front and rear of unit.

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**Notes:**

1. This product is designed to meet the National Electric Code (NEC) and is ETL listed for the US and Canada (UL 2021 and CSA 22.2).
2. (4) 3/8" threaded rod required for overhead installation.
3. All units have a self contained one piece cabinet, fire retardant with brushed aluminum housing. The exposed bottom surface is protected with baked on Pearl White color, rust preventative electrostatic polyurethane powder coating.
4. Four (4) 1" x 1" pearl white trim pieces included to match air curtains and ceilings. (Does not increase unit size)
5. Cleanable polyester filters included as standard. Optional aluminum or throwaway pleated filters available.
6. Cabinet has sufficient strength for fastening to wall on both ends without intermediate support. Tandem mounted units longer than 72" require center support.
7. Control panel is pre-wired and pre-mounted inside the cabinet. Optional remote mounted available.
8. 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.
9. Wall mounted 24 volt thermostat with remote "heat/off/fan" switch is shipped loose and field installed by others. Terminal block provided inside control panel.
10. Circuit protection as per NEC by others.
11. Optional 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.

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<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>NOZZLE WIDTH A (in)</th>
<th>OVERALL LENGTH B (in)</th>
<th>MOUNTING CENTER C (in)</th>
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</thead>
<tbody>
<tr>
<td>PH1036-1E**-PW</td>
<td>36</td>
<td>36 1/8</td>
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**ETL US Intertek**

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**Recommended Accessories: (1)**

**Door Limit Switches**
**PH10 (Phantom 10) Series**

**Electric Heated Data Sheet**

**Applications: Environmental Separation up to 12' and Insect Control up to 10'**

<table>
<thead>
<tr>
<th>PH10 (Phantom 10)</th>
<th>Mechanical Data</th>
<th>Lab Data</th>
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<tbody>
<tr>
<td>Model Number</td>
<td>Nozzle Length</td>
<td>Length</td>
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* - Use corresponding letters in "Voltage Code" & Wattage Code" to complete the model numbers.

**Features:**

- 1/2 HP Continuous Duty TEAO Motors
- Recessed mounted in ceiling for invisible coverage
- ETL Certified to conform to UL 2021 (US) and CSA 22.2 (Canada) Standards
- (4) 3/8" top mounting holes provided
- Utilized in premium design concepts
- Durable aluminum construction
- Cabinet has sufficient strength for fastening to wall on both ends without intermediate support. (Tandem mounted units longer than 72" require center support)
- Cleanable polyester filters included as standard
- Adjustable air directional vanes with 40° sweep front to back
- Standard color is Pearl White
- Rust preventative electrostatic polyurethane powder coating
- 18 month 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 bottom intake or top access panels
- Control voltage is 24 volts
- A wall mounted 24 volt thermostat is included (field wired and installed by others)

**Optional and Accessories:** (see Accessories Brochure)

- SimpleLink Controller
  - For 2 speed, secondary 115V or 208/230V, 1Ph power reqd. for 460V & 575V
- Remote mounted control panel
- 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)
- 1/4" and 1" Aluminum Mesh Filters
- 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:** MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.