An innovative approach to climate control

Air Curtains from Blue Giant have a revolutionary aerodynamic compression chamber design that allows for highly efficient air flow.

Open Door Protection
Blue Giant air curtains provide superior environmental separation by keeping out cold winds in winter and hot breezes in summer without compromising visibility levels, ensuring that pedestrian and vehicle traffic remain safe all year round.

Partner in Building Energy-Efficiency
Stratified heat is recirculated inside the building, cutting down on heating costs during cold weather conditions. Post-installation energy savings typically cover the purchase price of an air curtain within a year.

Supports Workplace Integrity
Internal temperatures remain stable while doors and windows are open. Walls of forced air prevent pests and airborne pollutants from infiltrating work environments, maintaining high cleanliness levels that certain applications require.

Versatile Applications
Blue Giant air curtains are powerful, high-performance units that are quiet, adjustable and easy to install in a variety of configurations to suit different needs: warehouses, manufacturing facilities, freezers, retail entrances, and more.
**Mounting Options**

Air curtain mounting methods vary according to doorway size, intended application, and obstacles in the vicinity of the install site. If none of the mounting styles shown below are compatible with your application, please contact us.

**Standard Wall Mount**

**Mounting Plate** (optional)

*Note: a mounting plate is standard with the Air-Pro unit*

**Wall Mounting Brackets**

**Ceiling Mount**

with threaded rods

**Extension Bars** (optional)

with threaded rods on standard roll-up door

**Vertical Mounting**

for low ceilings

**Extension plates**

with threaded rods on standard overhead door

**Wall Mounting Brackets**

with threaded rods on standard roll-up door

**Optional Side Baffles:** clear and flexible PVC material mounted on studded strip door hardware

**Tandem Mounting:** If your doorway opening is wider than the desired model allows, two units can be mounted side by side to create a protective wall of air.

**IMPORTANT:** Blue Giant recommends that any mounting should be performed by a professional or certified contractor to ensure that the unit is tightly secured and complies with all relevant safety codes.
Matching Your Application with a Blue Giant Air Curtain

Blue Giant offers the largest selection of Air Curtains in the industry. Air curtains can satisfy nearly every application requirement. If you do not see your application, please call 1.800.872.2583.

<table>
<thead>
<tr>
<th>Application</th>
<th>In-Celing Mount</th>
<th>Air-Pro</th>
<th>Low Profile</th>
<th>Commercial Front Door</th>
<th>Insect Back Door</th>
<th>Light Industrial</th>
<th>Medium Duty Industrial</th>
<th>Heavy Duty Industrial</th>
<th>Extra Heavy Duty Industrial</th>
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</table>
# Industrial Air Curtains

## Air Curtain Site Survey

Please fill in the following site details.

### Door Opening:

<table>
<thead>
<tr>
<th>Dimensions:</th>
<th>Width ________ X Height ________</th>
</tr>
</thead>
</table>

### Opening Type:

- [ ] Retail / Commercial Entry
- [ ] Loading Dock
- [ ] Interior Opening
- [ ] Drive-up Window
- [ ] Service Entry
- [ ] Cooler / Freezer
- [ ] Other (please specify)

### Opening Location:

- [ ] Interior Opening
- [ ] Exterior Opening
  - [ ] Mounted Outside

Wind Speed at Exterior Opening:
- [ ] 5-10 MPH
- [ ] 10-15 MPH
- [ ] Other:

Negative Pressure:
- [ ] Yes (if yes, approx. negative ______ FPM)
- [ ] No

### Purpose of Curtain

- [ ] Insect Control
- [ ] Environmental / Climate Control
- [ ] Both

### Voltage

- [ ] 115-120V / 1PH / 50-60Hz
- [ ] 208-240V / 3PH / 50-60Hz
- [ ] 440-480V / 3PH / 50-60Hz
- [ ] 208-240V / 1PH / 50-60Hz
- [ ] 380-415V / 3PH / 50-60Hz
- [ ] 575V / 3PH / 60Hz

### Heating Options

- [ ] None
- [ ] Electric
- [ ] Steam
- [ ] Hot Water
- [ ] Indirect Gas
- [ ] Direct Gas

### Activation Type

- [ ] Automatic Door Switch
- [ ] Manual On / Off Switch
- [ ] Remote Hand / Off / Auto
- [ ] Other

### Air Curtain Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Door Height for Climate Control (in mm)</th>
<th>Max. Door Height for Insect Control (in mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-PRO</td>
<td>7' (2,137)</td>
<td>N/A</td>
</tr>
<tr>
<td>S-CFD</td>
<td>10' (3,048)</td>
<td>N/A</td>
</tr>
<tr>
<td>S-IBD</td>
<td>10' (3,048)</td>
<td>10' (3,048)</td>
</tr>
<tr>
<td>S-LP</td>
<td>11' (3,533)</td>
<td>N/A</td>
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<tr>
<td>S-LI</td>
<td>12' (3,658)</td>
<td>10' (3,048)</td>
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<td>S-MI</td>
<td>14' (4,267)</td>
<td>12' (3,658)</td>
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<td>S-HD</td>
<td>16' (4,877)</td>
<td>14' (4,267)</td>
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<tr>
<td>S-XHD</td>
<td>22' (6,706)</td>
<td>20' (6,096)</td>
</tr>
</tbody>
</table>

### Mounting Method

- Illustrations on page 2 of this brochure
- Standard Wall Mount
- Mounting Plate (optional)
  - Note: a mounting plate is standard with the air-pro unit
- Extension Bars (optional)
  - with threaded rods on standard roll-up door
- Vertical Mounting for low ceilings or no space above the header
- Wall Mounting Brackets
- Ceiling Mount with threaded rods
- Extension Bars with threaded rods on standard roll-up door
- Wall Mounting Brackets with threaded rods on standard roll-up door

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Blue Giant offers a full line of dock levelers, dock safety equipment, seals and shelters, accessories, ergonomic and scissor lift equipment and industrial trucks. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact Blue Giant for latest information. Some features illustrated may be optional in certain market areas.