



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

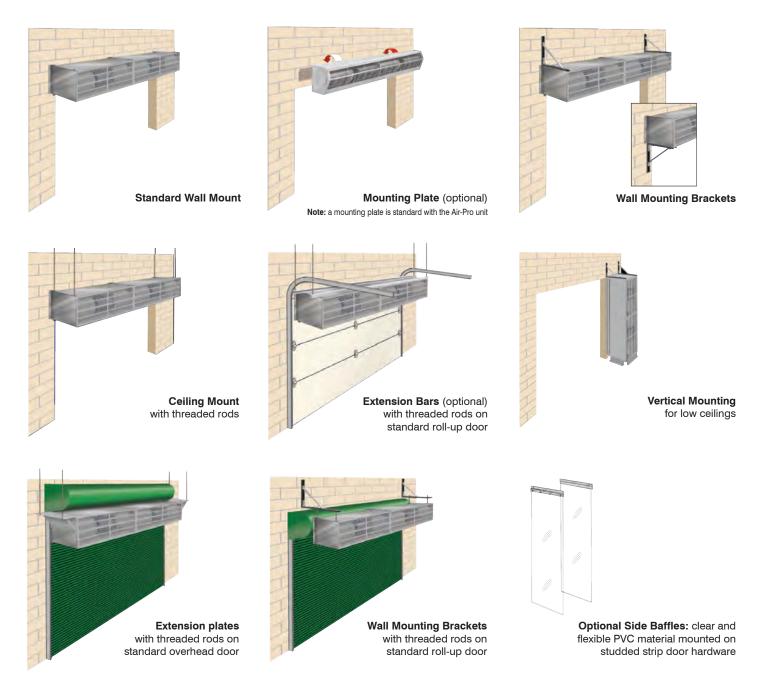
Blue Giant air curtains are powerful, high-performance units that are quiet, adjustable and easy to install in a variety of configurations to suit different needs: warehouses, manufacturing facilities, freezers, retail entrances, and more.

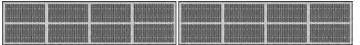
Industrial Air Curtains

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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.





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 1.800.668.7078.

	In-Celing Mount	Air-Pro	Low Profile	Commercial Front Door	Insect Back Door	Light Industrial	Medium Duty Industrial	Heavy Duty Industrial	Extra Heavy Duty Industrial
	ICM	AP	LP	CFD	IBD	LI	MI	HD	XHD
Climate and Environmental Control	•	•	•	•		•	•	•	•
Insect and Wind Control					•	•	•	•	•
Drive-Thru Windows and Concession Stands		•	•						
Office and Employee Entrances	•	٠	•	•					
Interoffice and Commercial Separation		٠	•	•					
Hospital Entrances and Hallways	•	•	•	•					
Retail and Customer Entrances	•	•	•	•					
Restaurant and Food Service Entrances	•	٠	•	•					
Restaurant and Food Service Back Doors					•				
Hotel, Resort and Casino Entrances	•	•	•	•					
Hotel, Resort and Casino Back Doors					•				
Loading Docks									
Internal Warehouse Openings						•	•	•	•
Shipping and Receiving Doors						•	•	•	•
Auto Body and Open Bays					•	•	•	•	•
Paint Booths		٠			•	•	•	•	•
Walk-In Coolers and Freezers		٠				•			
Railcar Openings								•	•

Industrial Air Curtains



Air Curtain Site Survey

Please fill in the following site details.

Door Opening				Mou	nting Method			
Dimensions:	Width	X Height	Illustrations on page 2 of this brochure					
	Retail /	Commercial Entry	Service Entry					
Opening Type:) Dock	Cooler / Freezer		Standard Wall Mount			
Opening Type.		Opening	□ Other (please specify)					
	Drive-u	o Window		Mounting Plate (optional) Note: a mounting plate is standard with the air-pro unit				
	Interior	Opening						
	Exterior	Opening		Extension Bars (optional) with threaded rods on standard roll-up door				
Opening Location:		ounted Outside						
	Wind S	beed at Exterior Opening: 🛛 5-10 M						
		Vertical Mounting						
Purpose of Curtain					for low ceilings or no space above the header			
Insect Control		Environmental / Climate Control	□ Both					
Voltage					Wall Mounting Brackets			
□ 115-120V / 1PH / 50-6	0Hz	208-240V / 3PH / 50-60Hz	□ 440-480V / 3PH / 50-60Hz					
208-240V / 1PH / 50-60Hz		□ 380-415V / 3PH / 50-60Hz	□ 575V / 3PH / 60Hz		Ceiling Mount with threaded rods			
Heating Options								
□ None			□ Steam		Extension Bars			
Hot Water		Indirect Gas	Direct Gas		with threaded rods on standard roll-up door			
Activation Type								
Automatic Door Switch		Manual On / Off Switch	Remote Hand / Off / Auto		Wall Mounting Brackets with threaded rods on standard			
Other					roll-up door			
Air Curtain Selection Gui	de		Notes					
Model Max. Door H for Climate C	•	Max. Door Height for Insect Control						
AIR-PRO 7' (2137mm)		N/A						
S-CFD 10' (3048mm)	N/A						
S-IBD 10' (3048mm)	10' (3048mm)						
S-LP 11' (3353mm)	N/A						
S-LI 12' (3658mm	12' (3658mm) 10' (3048mm)							
S-MI 14' (4267mm	-MI 14' (4267mm)							
S-HD 16' (4877mm)	14' (4267mm)						
S-XHD 22' (6706mm)	20' (6096mm)						



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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.