



AIRFLOW HVLS FANS

# AirFlow HVLS Fans

Falcon III Gearbox Series

10' to 24' Diameter



## Low on Cost, High on Performance

- Operates for less than a dollar a day
- Optimizes energy performance wherever installed
- Lowers perceived temperatures by up to 15°F
- Increase efficiency and lower run times of existing HVAC systems
- Increases employee comfort and productivity
- Compatible with Blue Giant AutoPilot multi-fan controller for added functionality

## Applications

- Warehouses
- Manufacturing facilities
- Auto dealerships
- Agriculture

## Three-Blade Power

- Available blade sizes of 10' to 24'
- Innovative and aerospace-inspired blade design moves more air with less energy
- Three-airfoil system keeps employees comfortable and productive in small to medium-sized facilities
- Superior airflow distribution
- A cost-effective alternative to air conditioning
- Reduces condensation, corrosion and mold
- Silent operation

**BLUE GIANT®**

## Specifications

### Custom-Engineered Airfoils

3 STOL-inspired extruded aluminum airfoils with wing tips, contoured for maximum air movement and redirect outward airflow into downward airflow.

### Motor

Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox. Sealed with lifetime synthetic oil. Robust 3-inch output shaft for strength with nylon bushing on input (110/1/60; 230/1/60; 230/3/60; 460/3/60; 575/3/60).

### VFD

Factory programmed VFD in remote mounted enclosure. Includes disconnect switch and fuse protection.

### Construction

Mounting components are 1/4" powder-coated steel and anodized aluminum, protected from the elements. Stainless steel safety brackets.

### Warranty

3 year: Motor, Gearbox; 1 Year Electronics; Lifetime: Airfoil and Hub.

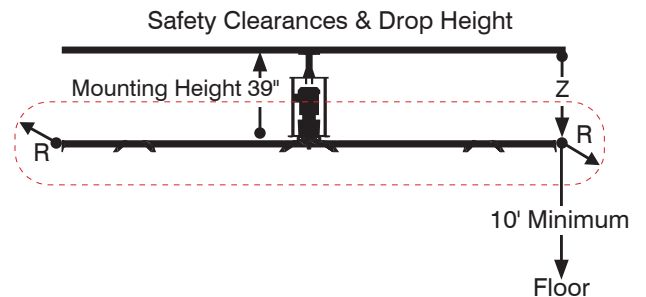
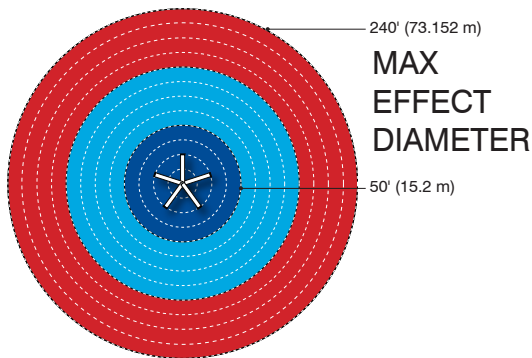
### Controls

Options include single fan, multiple fan, digital, radar, and building integration.



**Falcon III**

BLUE GIANT SERIES	AIRFOIL		MOTOR					MAX EFFECT DIA. ft.		INSTALLED WEIGHT lb	DIAMETER		DROP HEIGHT		MODEL
	NUMBER OF	FINISH	DRIVE TYPE	TYPE	RATING	HP	RPM	COOLING	HEATING		R	Z	R	Z	
Falcon III	3	Anodized	Gearbox	TEFC	IP55	1.0	124	50	100	217	10 Ft.	3.0 m	18"	44"	<b>BGF3-1030</b>
							105	60	120	223	12 Ft.	3.6 m	22"	44"	<b>BGF3-1236</b>
							86	70	140	229	14 Ft.	4.3 m	26"	44"	<b>BGF3-1443</b>
							73	80	160	235	16 Ft.	4.9 m	30"	46"	<b>BGF3-1649</b>
							55	90	180	241	18 Ft.	5.5 m	33"	49"	<b>BGF3-1855</b>
							49	100	200	247	20 Ft.	6.1 m	36"	51"	<b>BGF3-2061</b>
							42	120	240	260	24 Ft.	7.3 m	44"	55"	<b>BGF3-2473</b>



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AUTHORIZED DEALER

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.