## **BLUE GIANT**®

## TECHNICAL SPECIFICATIONS AIRFLOW EAGLE VI - 18' (5.5m)

Model	BGE6-1855				
Diameter	18' / 5.5 meters				
Number of Airfoils	6 Airfoils				
Airfoil Finish	Clear Anodized Aluminum				
Frame and Mounting Finish	1/4" Black Powder Coated Steel				
Wingtip	6 Standard Wingtips (blue)			No. 1	
Installed Weight	265 lb / (120 kg)		1	IN UN CLANT.	
Maximum Speed	54 RPM				
Air Displacement	187,965 CFM / 5323 CMM	187,965 CFM / 5323 CMM			
Available Input Power	115 VAC (99 - 126 VAC) 19A Peak	48-6	62 Hz	1 Phase	
	240 VAC (198 - 264 VAC) 7.9A Pe	ak 48-6	62 Hz	1 Phase	
	240 VAC (198 - 264 VAC) 8.2A Pe	ak 48-6	62 Hz	3 Phase	
	480 VAC (342 - 528 VAC) 4.2A Pe	ak 48-6	62 Hz	3 Phase	
	575 VAC (450 - 660 VAC) 2.7A Pe	ak 48-6	62 Hz	3 Phase	
Reducer	Premium Viton double lip output seals, lifetime synthetic oil, robust 1.25" (31.75 mm) dia. output shaft, lubed for life, painted blue				
Nominal Motor Horsepower	1.5 HP (1.12 kW)				
Motor RPM	1,735 RPM				
Speed Controller	NEMA 4X wall mounted enclosure with forward off reverse switch and speed control 100' (30.5 meters) length of control cable supplied				
Controller Connection	10V DC Analog				
VFD Enclosure	NEMA 4X, IP 65, ABS Polycarbonate lockable enclosure with transparent door				
VFD Motor Supply Cable	25' / 7.62 meters				
Safety Components	Airfoil Boomerang Brackets (6)	Guy Wires (4)	Safety Cable (1)	Safety Z Brackets (6)	
Disconnect Switch	25A Lockable				
dBA at Max. RPM	< 45 dBA*				
Recommended Airfoil Clearance	Horizontal from Wingtips: 33" (0.83 meters)				
Neconinenceu Anton Orearance	Vertical from Mounting Point: 72" (	1.8 meters)			
Extension Bar	Vertical from Mounting Point: 72" ( 1' standard, available in 1' (305 mn	/	10' (3,048 mm)		
		n) increments up to	10' (3,048 mm)	145 lb (65 kg)	
Extension Bar	1' standard, available in 1' (305 mn	n) increments up to 0.77 meters)	10' (3,048 mm)	145 lb (65 kg) 170 lb (77 kg)	
Extension Bar Motor Pallet Dimensions / Weight	1' standard, available in 1' (305 mn 30.5" x 33" x 30.5" (0.77 x 0.83 x 0	n) increments up to 0.77 meters)	10' (3,048 mm)	( 0,	
Extension Bar Motor Pallet Dimensions / Weight	1' standard, available in 1' (305 mn 30.5" x 33" x 30.5" (0.77 x 0.83 x ( 24" x 8'6" x 17" (0.60 x 2.59 x 0.43	n) increments up to 0.77 meters)	10' (3,048 mm)	( 0,	

\*dBA values were obtained from sound testing at maximum speed in a controlled environment. Actual results may vary.



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EAGLE VI