BLUE GIANT®

TECHNICAL SPECIFICATIONS AIRFLOW EAGLE VI - 20' (6.1m)

Model	BGE6-2061			
Diameter	20' / 6.1 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.
Installed Weight	280 lb / (127 kg)		-	HUH DIANT.
Maximum Speed	48 RPM			
Air Displacement	211,895 CFM / 6000 CMM			
Available Input Power	115 VAC (99 - 126 VAC) 19A Peak	48-0	62 Hz	1 Phase
	240 VAC (198 - 264 VAC) 7.9A Pe	ak 48-0	62 Hz	1 Phase
	240 VAC (198 - 264 VAC) 8.2A Pe	ak 48-0	62 Hz	3 Phase
	480 VAC (342 - 528 VAC) 4.2A Pe	ak 48-0	62 Hz	3 Phase
	575 VAC (450 - 660 VAC) 2.7A Pe	ak 48-0	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*			
Pagammandad Airfail Classance	Horizontal from Wingtips: 36" (0.91	1 meters)		
Recommended Airfoil Clearance	Vertical from Mounting Point: 74" (1.9 meters)			
Extension Bar	1' standard, available in 1' (305 mm) increments up to 10' (3,048 mm)			
Motor Pallet Dimensions / Weight	30.5" x 33" x 30.5" (0.77 x 0.83 x 0.77 meters)			145 lb (65 kg)
		24" x 9'6" x 17" (0.60 x 2.89 x 0.43 meters)		
Airfoil Pallet Dimension / Weight	24" x 9'6" x 17" (0.60 x 2.89 x 0.43	3 meters)		185 lb (84 kg)
Airfoil Pallet Dimension / Weight	24" x 9'6" x 17" (0.60 x 2.89 x 0.43 ANSI / UL 507	3 meters)		(0)
Airfoil Pallet Dimension / Weight		3 meters)		(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