

## TECHNICAL SPECIFICATIONS AIRFLOW EAGLE VI - 12' (3.6m)

<b>Model</b>	BGE6-1236		
<b>Diameter</b>	12' / 3.6 meters		
<b>Number of Airfoils</b>	6 Airfoils		
<b>Airfoil Finish</b>	Clear Anodized Aluminum		
<b>Frame and Mounting Finish</b>	1/4" Black Powder Coated Steel		
<b>Wingtip</b>	6 Standard Wingtips (blue)		
<b>Installed Weight</b>	220 lb / (99 kg)		
<b>Maximum Speed</b>	88 RPM		
<b>Air Displacement</b>	102,579 CFM / 2,905 CMM		
<b>Available Input Power</b>	115 VAC (99 - 126 VAC) 19A Peak	48-62 Hz	1 Phase
	240 VAC (198 - 264 VAC) 7.9A Peak	48-62 Hz	1 Phase
	240 VAC (198 - 264 VAC) 8.2A Peak	48-62 Hz	3 Phase
	480 VAC (342 - 528 VAC) 4.2A Peak	48-62 Hz	3 Phase
	575 VAC (450 - 660 VAC) 2.7A Peak	48-62 Hz	3 Phase
<b>Reducer</b>	Premium Viton double lip output seals, lifetime synthetic oil, robust 1.25" (31.75 mm) dia. output shaft, lubed for life, painted blue		
<b>Nominal Motor Horsepower</b>	1.5 HP (1.12 kW)		
<b>Motor RPM</b>	1,735 RPM		
<b>Speed Controller</b>	NEMA 4X wall mounted enclosure with forward off reverse switch and speed control 100' (30.5 meters) length of control cable supplied		
<b>Controller Connection</b>	10V DC Analog		
<b>VFD Enclosure</b>	NEMA 4X, IP 65, ABS Polycarbonate lockable enclosure with transparent door		
<b>VFD Motor Supply Cable</b>	25' / 7.62 meters		
<b>Safety Components</b>	Airfoil Boomerang Brackets (6)	Guy Wires (4)	Safety Cable (1) Safety Z Brackets (6)
<b>Disconnect Switch</b>	25A Lockable		
<b>dBA at Max. RPM</b>	< 45 dBA*		
<b>Recommended Airfoil Clearance</b>	Horizontal from Wingtips: 22" (0.55 meters)		
	Vertical from Mounting Point: 60" (1.5 meters)		
<b>Extension Bar</b>	1' (305 mm) standard, available in 1' (305 mm) increments up to 10' (3,048 mm)		
<b>Motor Pallet Dimensions / Weight</b>	30.5" x 33" x 30.5" (0.77 x 0.83 x 0.77 meters)		145 lb (65 kg)
<b>Airfoil Pallet Dimension / Weight</b>	24" x 5' 6" x 17" (0.60 x 1.67 x 0.43 meters)		125 lb (97 kg)
<b>Certification</b>	ANSI / UL 507		
	CAN / CSA C22.2 No.113-10		
	C-Tick		



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



EAGLE VI