Falcon III – 8' (2.4m) HVLS Fan



TECHNICAL SPECIFICATIONS AIRFLOW FALCON III - 8' (2.4m)

Diameter Number of Airfoils Airfoil Finish	8' / 2.4 meters				
	0.41.6.11				
Airfail Finish	3 Airfoils				
AILIVII FIIIIƏII	Clear Anodized Aluminum		ana.		
Frame and Mounting Finish	1/4" Black Powder Coated Steel				
Wingtip	3 Standard Wingtips (blue)				
Installed Weight	160 lb / (68 kg)				
Maximum Speed	135 RPM		i		
Air Displacement	32,668 CFM / 925 CMM				
Available Input Power	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	
Reducer	Premium Viton double lip output seals, lifetime synthetic oil, robust 1" (25 mm) dia. output shaft, lubed for life, painted blue				
Nominal Motor Horsepower	1 HP (0.75 kW)				
Motor RPM	1,725 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 1, ANSI 61, gray polyester powder painted steel enclosure with hinged-cover				
VFD Motor Supply Cable	15' / 4.57 meters				
Safety Components	Airfoil Boomerang Brackets (3)	luy Wires (4)	Safety Cable (1)	Safety Z Brackets (6)	
Disconnect Switch	25A Lockable				
dBA at Max. RPM	< 45 dBA*				
Decembered Airfe!! Oleaners	Horizontal from Wingtips: 14" (0.36 meters)				
Recommended Airfoil Clearance	Vertical from Mounting Point: 53" (1.3 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)	
Airfoil Pallet Dimension / Weight	24" x 8' x 17" (0.60 x 2.44 x 0.43 meters)			65 lb (30 kg)	
Certification curves C	ANSI / UL 507				
	CAN / CSA C22.2 No.113-10				
Intertek	C-Tick				

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



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