



World Class & Low Cost Cooling Solutions for Comfortable & Dust free Industrial & Commercial Application

Cooling Systems Pvt. Ltd.

**Technical Details for ECOAIR HVLS Fans**

1	Fan Diameter	Feet	10 Ft.	12 Ft	16 Ft	20 Ft	24 Ft
2	Connected power	KW	0.75KW	1.1KW	1.1KW	1.5KW	1.5KW
3	Motor /Gearbox	3 Ph., 50/60HZ ; Protection level : IP55 ; IEC 60034 ; Low Maintenance Synthetic Long Drain Lubricating Oil, Magnetic Drain Plug, IE 2 Motor.Heavy Duty Cast Iron Gear Box Housing with Roller Bearing.					
		Make	NORD	NORD	NORD	NORD	NORD
		Make	NORD	NORD	NORD	NORD	NORD
4	Max. Speed	RPM	114	86	72	68	52
5	VFD	Danfoss					
6	Air Flow CFM	CFM	98,100	128,700	225,000	288,000	377,000
7	Blades Material / No Of Blades	Nos	6061T6 6 Blades	6061T6 6 Blades	6061T6 6 Blades	6061T6 6 Blades	6061T6 6 Blades
8	Chassis And Support Structure	EN100025-90/ST52 / GI Wire ropes with PVC coating / Hub - in- Hub Anti Fall Design . CED Coated					
9	Hanging Weight	Kg	105	115	120	145	150
10	Operating Weight	Kg	95	105	110	115	120
11	Safety Components	Anti Fall Protection For Chassis & Support Structure, Blades , Hub - in - Hub Anti Fall protection for Impeller , Gear box Shaft and Blades assembly. Embedded Safety Wire Ropes for Blade. 3 mm Dia & PVC Coating.					
12	Noise level - at 3mts	DbA	45	45	45	45	45
13	Effective coverage Area cover at 18ft at Minimum Air Flow of 1 Mts / Sec	Sq.ft.	4500	6800	8900	10500	16900
14	Reversible Operation Option		YES	YES	YES	YES	YES
15	Fan Control	Through potentiometer on control panel					
16	Optional features	VFD of Fan can be linked to BMS					
17	Certification	CE Certification					