

Model AS165 | Rev 04
Technical Data Sheet


	Parameter	Specification
1.	Make	"AUSTAR"
2.	Model No.	AS165
3.	Fan Size	16ft Dia
4.	No. of Blades	5 No.s
5.	Air Volume	185000 CFM
6.	Power Consumption	1.1 KW
7.	Motor Torque	180 Nm
8.	Speed	70 rpm Maximum (Variable from 0 to 70)
9.	Noise	60-65 db
10.	Input Power	Three Phase 415 V 50Hz / Single Phase 230V
11.	Weight	130 Kgs

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12.	Construction	Frame Structure	M.S. (Powder Coated)
		Hanging Structure	M.S. (Powder Coated)
		Fasteners	High Tensile 10.9 Grade HEX Bolts (Unbrako / TVS make)
		Extension Tube	3" Square Pipe with Hot Dip Galvanizing for inside rust prevention.
13.	Blades	Design	Cambered Aerofoil Design
		M.O.C	Aluminum 6063 T6
		Sectional Width	220mm
		No. of Ribs	2 Ribs
14.	Motor	Type	Inline Helical Geared with Induction Motor
		Make	Nord / SEW (German Brand)
		Efficiency	IE2 (IE3 available on special request)
15.	Control Penal	Mounting	Wall Mounting 4 – 5 ft from Floor Level
		VFD Make	'Danfoss' Make
		Enclosure	IP 54, Power Coated Steel cabinet
		Compatibility	BMS Compatibility
16.	Safety	Certification	CE certified through TUV
		Bolted Joints	All Nuts are self locking type Nylock Nuts which eliminates chances of loosening. As additional Safety All Bolted joints are wrapped with SS wire Rope.
17.	Color		Matt Black, Silver, Pure White, Off White, RED OR Customized as per RAL No