

Model ASGL206 | Rev 09

Technical Data Sheet



	Parameter	Specification
1.	Make	"AUSTAR"
2.	Model No.	ASGL206
3.	Model Update	Update 8.0
4.	Fan Size	20ft Dia (6.1 m)
5.	No. of Blades	6 No.s
6.	Air Volume	410000 CFM
7.	Power Consumption	1.2 KW
8.	Motor Torque	270 Nm
9.	Speed	50 rpm Maximum (Variable from 0 to 50)
10.	Noise	< 40 db
11.	Input Power	Three Phase 415 V 50Hz
12.	Weight	125 Kgs

13.	Construction	Mounting Structure	Laser Cut M.S. with minimum plate thickness 8mm
		Fasteners	High Tensile 10.9 Grade HEX Bolts (Unbrako / TVS make)
		Motor Mounting Bracket	Laser Cut M.S. with minimum plate thickness 8mm
		Extension Tube	3" Square Pipe of Reputed make Asian / Apollo / Surya
14.	Blades	Design	Cambered Aerofoil Design
		M.O.C	Aluminum 6063 T6
		Sectional Width	190mm
		No. of Ribs	2 Ribs
15.	Motor	Type	Direct Driven PMSM Type Outer Rotor Air + Liquid cooled
		Origin	Made in INDIA
		Magnets Grade	N45SH
		Insulation Class	H Class
		Top & Bottom Plate	Aluminum (No Sheet metal)
16.	Control Panel	Mounting	Wall Mounting 4 – 5 ft from Floor Level
		Features	START – STOP with Green and Red display, Speed Adjustment. Emergency STOP. Display to show Speed & other status parameters
		Type of controller	Variable Frequency Drive.
		VFD Make	'DELTA ' Make
		Enclosure	IP 54, Power Coated Steel cabinet
		Compatibility	BMS Compatibility

		Certification	Compliance to CE requirements
17.	Safety	Anti Fall	- All Nuts are self locking type Nylock Nuts which eliminates chances of loosening. - As additional Safety All Bolted joints are wrapped with 8mm dia wire Rope. - 4 Nos 8mm Dia Wire Ropes for Fan Balancing. - Extension Tube, Motor & Hub assembly with Antifall Mounting Bracket. Protection against fall even in case of Motor / Extension tube bolts failure. - Single Piece hub and Safety ring to interlock Blades to each other.
18.	Color		Matt Black, Silver, Pure White, Dark Gray OR Customized as per RAL No
19.	Warranty		Motor : 2 Years (Replacement warranty) Controller & VFD : 2 Years (Replacement warranty) Blades, Hub, Extension Tube, Mounting Structure : 5 Years (Replacement Warranty)
20.	After Warranty Support		Motor : Repairable & spares availability of life time Controller : Repairable & spares availability of life time