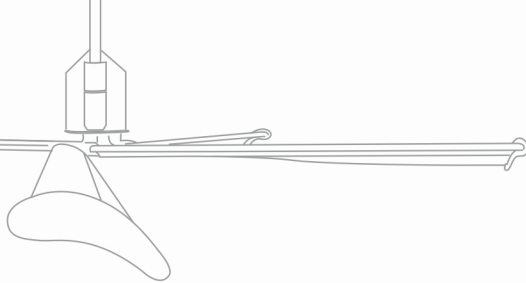


Model ASGL106 | Rev 09

Technical Data Sheet



	Parameter	Specification
1.	Make	"AUSTAR"
2.	Model No.	ASGL106
3.	Model Update	Update 8.0
4.	Fan Size	10ft Dia (3.0 m)
5.	No. of Blades	6 No.s
6.	Air Volume	120000 CFM
7.	Power Consumption	0.4 KW
8.	Motor Torque	80 Nm
9.	Speed	100 rpm Maximum (Variable from 0 to 100)
10.	Noise	< 40 db
11.	Input Power	Single Phase 230V 50Hz
12.	Weight	60 Kgs



Parameter		Specification
13.	Construction	Mounting Structure
		Laser Cut M.S. with minimum plate thickness 8mm
		Fasteners
		High Tensile 10.9 Grade HEX Bolts (Unbrako / TVS make)
14.	Blades	Motor Mounting Bracket
		Laser Cut M.S. with minimum plate thickness 8mm
		Extension Tube
		3" Square Pipe of Reputed make Asian / Apollo / Surya
15.	Motor	Design
		Cambered Aerofoil Design
		M.O.C
		Aluminum 6063 T6
16.	Control Penal	Sectional Width
		190mm
		No. of Ribs
		2 Ribs
17.	Motor	Type
		Direct Driven PMSM Type Outer Rotor type
		Origin
		Made in INDIA
18.	Motor	Magnets Grade
		N45SH
		Insulation Class
		H Class
19.	Control Penal	Top & Bottom Plate
		Aluminum (No Sheet metal)
		Mounting
		Wall Mounting 4 – 5 ft from Floor Level
20.	Control Penal	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.
21.	Control Penal	VFD Make
		'DELTA ' Make
		Enclosure
		IP 54, Power Coated Steel cabinet
22.	Control Penal	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. - 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