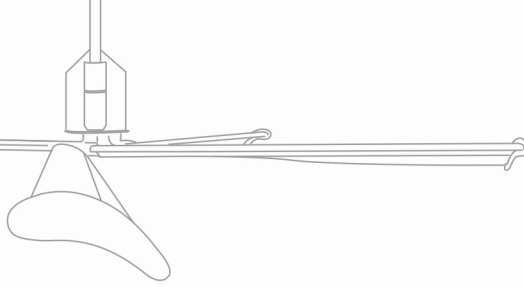


Model ASGL246 | Rev 09

Technical Data Sheet



	Parameter	Specification
1.	Make	"AUSTAR"
2.	Model No.	ASGL246
3.	Model Update	Update 8.0
4.	Fan Size	24ft Dia (7.2 m)
5.	No. of Blades	6 No.s
6.	Air Volume	485000 CFM
7.	Power Consumption	1.2 KW
8.	Motor Torque	350 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	130 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 Air + Liquid Cooled
		Origin
		Made in INDIA
18.	Motor	Magnets Grade
		N45SH
		Insulation Class
		H Class
19.	Motor	Top & Bottom Plate
		Aluminum (No Sheet metal)
20.	Control Penal	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
21.	Control Penal	Type of controller
		Variable Frequency Drive.
		VFD Make
		'DELTA ' Make
22.	Control Penal	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