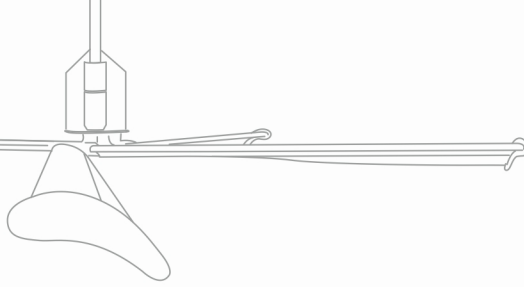


Model ASGL086 | Rev 09

Technical Data Sheet



	Parameter	Specification
1.	Make	"AUSTAR"
2.	Model No.	ASGL086
3.	Model Update	Update 8.0
4.	Fan Size	8ft Dia (2.4 m)
5.	No. of Blades	6 No.s
6.	Air Volume	95000 CFM
7.	Power Consumption	0.4 KW
8.	Motor Torque	80 Nm
9.	Speed	110 rpm Maximum (Variable from 0 to 110)
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.	Blades	Sectional Width
		190mm
		No. of Ribs
		2 Ribs
17.	Motor	Type
		Direct Driven PMSM Type Outer Rotor type
		Origin
		Made in INDIA
		Magnets Grade
18.	Motor	N45SH
		Insulation Class
		H Class
		Top & Bottom Plate
19.	Motor	Aluminum (No Sheet metal)

		Certification	Compliance to CE requirements
16.	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.
17.	Color		Matt Black, Silver, Pure White, Dark Gray OR Customized as per RAL No
18.	Warranty		Motor : 2 Years (Replacement warranty) Controller & VFD : 2 Years (Replacement warranty) Blades, Hub, Extension Tube, Mounting Structure : 5 Years (Replacement Warranty)
19.	After Warranty Support		Motor : Repairable & spares availability of life time Controller : Repairable & spares availability of life time