

**Model AS245 | Rev 04**
**Technical Data Sheet**


|     | Parameter         | Specification                              |
|-----|-------------------|--------------------------------------------|
| 1.  | Make              | "AUSTAR"                                   |
| 2.  | Model No.         | AS245                                      |
| 3.  | Fan Size          | 24ft Dia                                   |
| 4.  | No. of Blades     | 5 No.s                                     |
| 5.  | Air Volume        | 390000 CFM                                 |
| 6.  | Power Consumption | 1.5 KW                                     |
| 7.  | Motor Torque      | 270 Nm                                     |
| 8.  | Speed             | 50 rpm Maximum ( Variable from 0 to 50 )   |
| 9.  | Noise             | 60-65 db                                   |
| 10. | Input Power       | Three Phase 415 V 50Hz / Single Phase 230V |
| 11. | Weight            | 150 Kgs                                    |

| Parameter |               |                   | Specification                                                                                                                                              |
|-----------|---------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.<br>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                                                                                 |