

ecoair

INDUSTRIAL
HVLS FANS

EMF PMSM
TECHNOLOGY

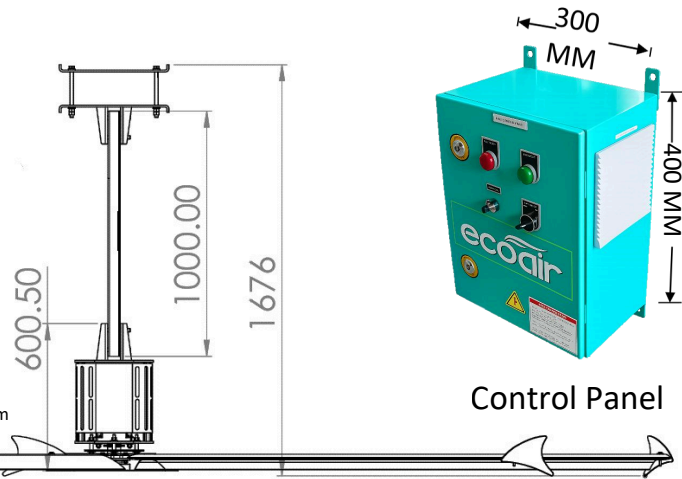


Made in India

Ecoair ProMax



Schneider Drive



Control Panel

ELECTRICAL CHART

| | |
|---------------|--------------------------|
| Fan Size | 16FT |
| Input Voltage | 380V-415V, 3PH, 50/60 HZ |
| Motor Power | 0.63 KW |
| Motor current | 2.3A |
| Speed | 72 RPM |

CONSTRUCTION

| GENERAL COMPONENTS | |
|---|--|
| Frame/Grade | IS 2062 E250DR MS Fabricated structure with Black Coating |
| Hub Assembly | IS 2062 E250B |
| Impeller Grade | DIN 17100GR. ST 52.3 |
| Blades | Silver Anodized AircraftGrade 6061-T6 Aluminum |
| SAFETY COMPONENTS & OTHER FEATURES | |
| 1. Primary and Secondary Safety Feature's for anti fall protection of all components of the fan. | |
| 2. The Safety GI wire rope ensures secure attachment for the Blade, Extension Tube, providing maximum stability and durability in high-stress environments. | |
| 3. Compatible with the Building Management System, ensuring seamless integration and efficient control. | |
| 4. The real-time monitoring system offers instant insights for proactive management. | |
| 5. Capability of Communicating seamlessly via Modbus TCP/ RTU 485. | |
| 6. Wireless Zone Controller to operate multiple Fans | |
| MOUNTING | |
| Standard Mounting | Universall-Beam Top Bottom Plate Clamp |
| ExtraWide/Thick I-Beam Mount(Optional) | Clamp Design As per Beam |
| Additional Drop Extensions(Optional) | Upto3000 MM |

Diameter: 16 ft (4.9 m), ECOPM 5E

| Fan Dia (ft) | Calculated % of Max RPM | Fan RPM | Airflow CFM | Voltage / Phase / Frequency | Large Diameter Ceiling Fan - Ceiling Fan Energy Index (CFEI) | Standby Power [Watts] | Electrical Input Power [Watts] at Standard Air Density |
|--------------|-------------------------|---------|-------------|-----------------------------|--|-----------------------|--|
| 16 | 100% | 72 | 123,542 | 415 / 3 Phase / 50Hz | 1.39 | 35 | 987 |
| | 80% | 58 | 98,211 | | 1.33 | | 608 |
| | 60% | 43 | 72,949 | | 1.25 | | 353 |
| | 40% | 29 | 44,256 | | 0.87 | | 230 |
| | 20% | 14 | 21,059 | | 0.67 | | 162 |

- Fan was tested in forward direction
- Fan is capable of reverse flow



Ecoair Cooling Systems Private Limited certifies that the commercial model 16' shown herein is licensed to bear the AMCA seal. The ratings shown are based on the tests and procedures performed in accordance with AMCA publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Program seal applies to airflow rate and power rating free delivery only. Performance ratings do not include the effects of appurtenances (accessories).



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