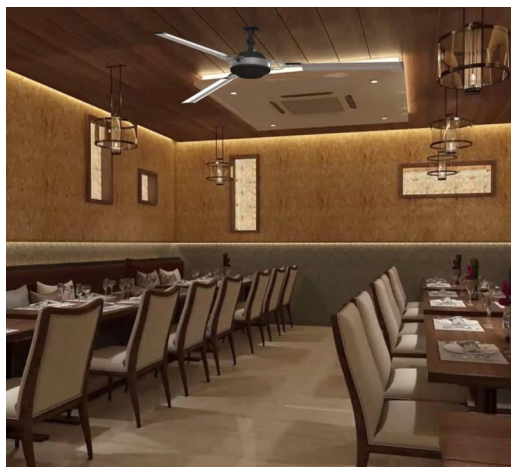




Epoch HVLS Fans

When Silence is Golden and Less is More.



Revolution in the industry of HVLS Fans

Meet Epoch Fans, industrial HVLS (high volume low speed) fans. Epoch fans has revolutionized the world HVLS industry. Falco eMotors' state-of-the-art PMSM motor is the real strength behind the Epoch Fans. Enjoy the best in class airflow with the help of this technology while saving money.

Ideal areas for Epoch Fans:

- ➔ Unconditioned workspaces;
- ➔ Areas with high ceilings;
- ➔ Gyms, hangars, and open spaces Spaces with high vents and heaters Broad, high-traffic areas.

Key Features

- ➔ Ranging from 14 ft to 24 ft (4.3 m to 7.3 m) in diameter;
- ➔ Direct drive PMSM Motor with Active Power Factor correction technology;
- ➔ Sound level <35 dB;
- ➔ Maintenance Free;
- ➔ UL 507 (ETL Certified), CE certified, ISO Certified;
- ➔ Standard 15-year mechanical warranty; 7-year electrical.

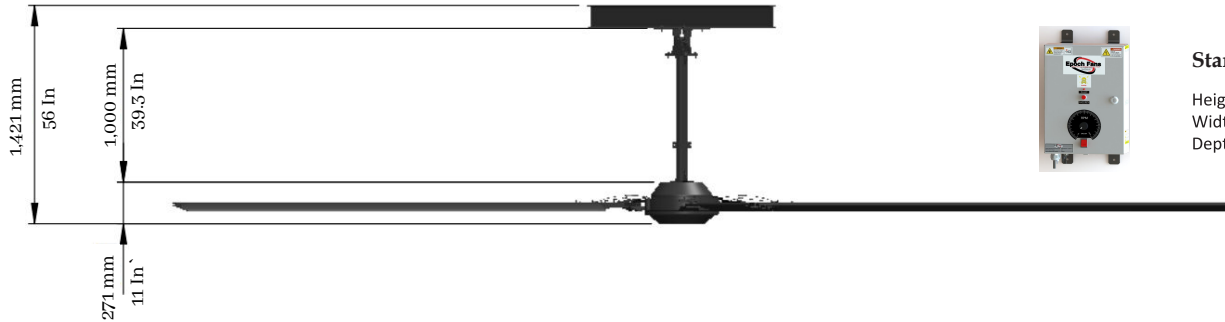
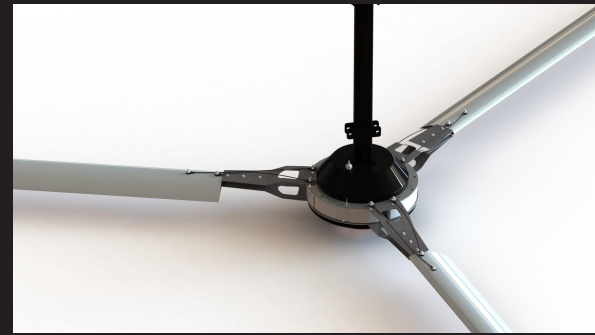


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Epoch HVLS Fans

Powerful PMSM Motor, Lowest Sound,
Best-in-Class Airflow, Maintenance Free.



Standard Controller

Height: 19.6 in. (498 mm)
Width: 11.5 in. (291 mm)
Depth: 06.65 in. (169 mm)

| Technical Specifications | | | | | | |
|--------------------------|----------------|-----------|----------------------------------|------------------|---|---------------------------|
| Diameter (A) | Weight | Max Speed | Input Power and Required Breaker | Motor Horsepower | Airfoil Clearances | Max Operating Temperature |
| 14 ft (4.3 m) | 145 lb (66 kg) | 118 RPM | 200–240 VAC, 50/60 Hz, 1 Φ, 4 A | 1.1 hp (0.8 kW) | 2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling | 176°F (80°C) |
| 16 ft (4.9 m) | 152 lb (69 kg) | 91 RPM | | | | |
| 18 ft (5.5 m) | 156 lb (71 kg) | 87 RPM | | | | |
| 20 ft (6.1 m) | 161 lb (73 kg) | 81 RPM | | | | |
| 24 ft (7.3 m) | 172 lb (78 kg) | 63 RPM | | | | |

| Construction Features | | | | | |
|--|--|---|--|---|---------------------------------------|
| Motor and Drive | Airfoils | Certifications | Mounting | Multi-Point Safety | Colors |
| Fully innovated PMSM Motor with zero sound and maintenance; durable, and reliable operation; Gearless Direct Drive Motor; Unity Power Factor Corrected; Above 95% Efficiency; | Three Aerodynamic Blades made up with Aluminum 6061 T6 material; | UL Standard 507 (ETL Certified); CE Certified; ISO Certified. | Standard upper mount installs to I-beams and bar joists Optional kits allow for mounting to solid beams and purlins | Safety Guy wire for motor and each blade; Designed for UL 507 Safety System for Fans; Fan Mechanical Safety System incorporates Automotive Grade Hub and Guy Wires. | Standard colors are silver and Black. |

| Standard Controller | |
|--|--|
| Construction | Controls |
| Manufactured with high quality raw material along with aerodynamic blades. | On/Off and variable speed control, Forward/ Reverse button. |

Standard Controller

