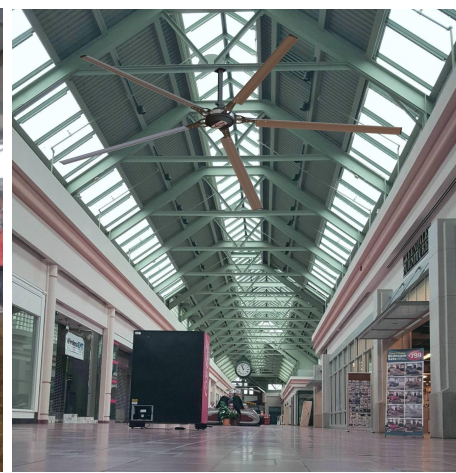




# Epoch HVLS Fans

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 8 ft to 24 ft (2.4 m to 7.3 m) in diameter;
- ➔ Direct drive PMSM Motor with Active UPF correction technology;
- ➔ Sound level <35 dB;
- ➔ Maintenance Free;
- ➔ UL 507 (ETL Certified), CE certified, ISO Certified;
- ➔ Standard 15-year mechanical warranty; 7-year electrical.

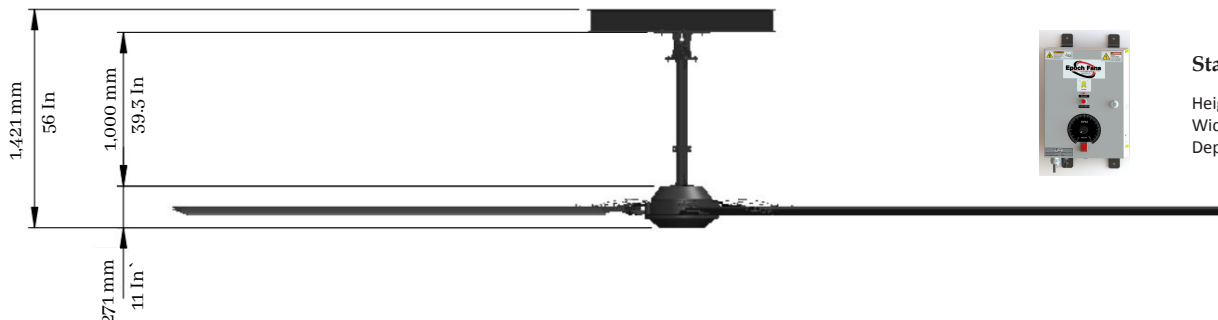


USA & CANADA  
Epochfans.com  
877-278-6323  
epochfans@falcoemotors.com

INDIA  
Epochfans.com  
+91 91122 90051/52/53  
epochfans@falcoemotors.com

# 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
08 ft (2.4 m)	130 lb (59 kg)	190 RPM	200-240 VAC, 50/60 Hz, 1 $\Phi$ , 6 A	1.5 hp (1.1 kW)	2 ft (0.6 m) on sides 4 ft (1.2 m) below ceiling	176°F (80°C)
10 ft (3.0 m)	138 lb (63 kg)	160 RPM				
12 ft (3.6 m)	147 lb (67 kg)	130 RPM				
14 ft (4.3 m)	159 lb (68 kg)	120 RPM				
16 ft (4.9 m)	158 lb (72 kg)	95 RPM				
18 ft (5.5 m)	167 lb (76 kg)	75 RPM				
20 ft (6.1 m)	176 lb (80 kg)	60 RPM				
24 ft (7.3 m)	194 lb (88 kg)	52 RPM	200-240 VAC, 50/60 Hz, 1 $\Phi$ , 8 A	2.0 hp (1.5 kW)		
24 ft (7.3 m)	218 lb (99 kg)	62 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; Active Power Factor Corrected; Above 95% Efficiency;	Five 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

