

High-Volume, Low-Speed (HVLS) Fan

Climate control with direct drive technology.



16', 20', 24' Fan

Performance

- » Perfect driving technology: Permanent magnet motor with vector inverter control to ensure the fan run effectively
- » Exclusive aluminum blades produce consistent airflow across the entire length of the blade
- » Covers 1,500 m², moving air up to 22 meters in all directions from the center of the fan

Construction

- » Gearless simple design, reduce mechanical wear, less downtime
- » The blade and hub are balanced for smooth, efficient performance
- » Maximum weight is 110kg. Actual weight varies according to the fan size and mounting style
- » Backed by Rite-Hite's 50 year track record as an industrial manufacturer

Warranties

- » 3 year parts & 1 year labor warranty

Direct Drive Motor

- » Motor is nearly silent operating no more than 40 dBA, depending on fan speed. Ideal for environments with sound concerns
- » Direct drive design does not require oil
- » Simplified design reduces installation time and costs

Safety

- » All fans feature a hub to motor connection with redundant safety cable, stabilizing cables, and mounting bracket
- » A unique safety system is provided for back-up security for the motor to hub connection
Note: Available to receive a low voltage stop signal from fire alarm system



8', 12' Fan



Fan Control Box

SPECIFICATIONS

Fan Diameter

- ☐ 8' (2440 mm) Diameter
- ☐ 12' (3660 mm) Diameter
- ☐ 16' (4880 mm) Diameter
- ☐ 20' (6100 mm) Diameter
- ☐ 24' (7320 mm) Diameter

Drop Tube Length:

_____ Meter(s)
(Standard length less than 2m)

Voltage/Phase

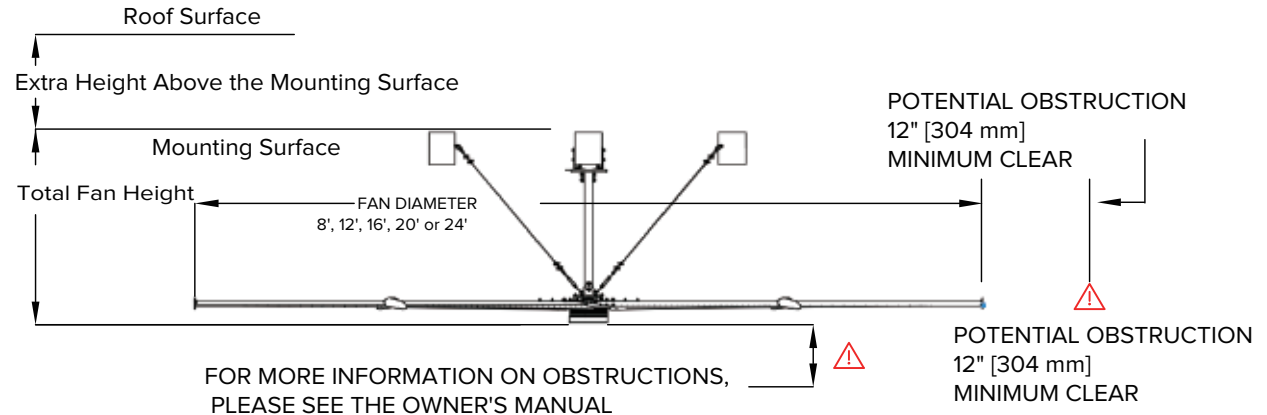
- ☐ (A) 220V/1ph/50-60hz
- ☐ (B) 220V/3ph/50-60hz

Mounting Options

- ☐ (A) Standard I-Beam Mounting Kit
- ☐ (B) Laminated Beam Mounting Kit
- ☐ (C) Ceiling Truss Mounting Kit
- ☐ (D) Other

Other Requirement: _____

Mounting Guidelines



Parameter/Fan Diameter	8ft (2440mm)	12ft (3660mm)	16ft (4880mm)	20ft (6100mm)	24ft (7320mm)
Rated Speed of Motor(RPM)	100RPM	80RPM	65RPM	65RPM	60RPM
Maximum Air Volume(m³/min)	4800m³/min	7100m³/min	8575m³/min	12268m³/min	14500m³/min
Maximum Air Speed(m/s)	2.0m/s	2.0m/s	2.6m/s	2.6m/s	2.8m/s
Coverage(m²)	80m²-240m²	240m²-450m²	370m²-730m²	600m²-1120m²	800m²-1500m²

Your Info

Company Name _____

Date _____

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