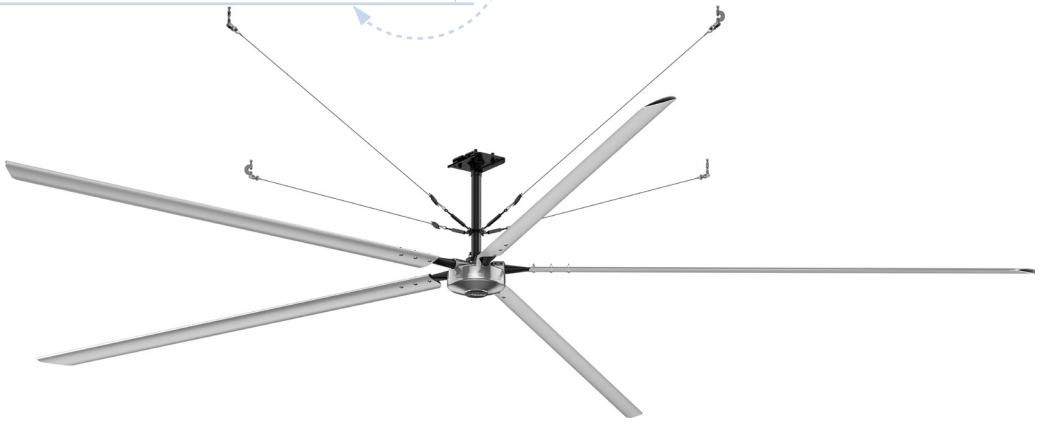
HUNTER TITAN HVLS FANS



DESCRIPTION

Built for high performance, the Hunter Titan series of High Volume, Low Speed (HVLS) fans is designed for time-saving and cost saving installations. It comes with a pre-wired downrod that includes a self-levelling, quick connect mounting system.

The Titan uses an efficient direct drive, permanent magnet motor that is quieter, generates large amounts of torque and is up to 25% more efficient than gear driven HVLS fans.

The range is available in 5 sizes, 4200, 4800, 5500, 6100 and 7300mm diameter sizes.

Typical Applications

Large indoor facilities where generating air movement is essential for improving comfort such as warehouses, factories, workshops, gymnasiums and public recreation facilities

Features

- Energy efficient and compact, 3 phase direct drive permanent magnet motor.
- Highly efficient 5 blade configuration.
- The blade is formed with a unique twist profile for each individually fan size to maximise airflow and minimise noise levels.
- Simplifies installation with pre-installed bolts, quick connect blades, pre-wired downrod, pre-aligned mounting brackets and I-beam clamp.
- Adjustable downrod options from 0.76 to 3.05 metres drop.
- Comes with a pre-configured proprietary VSD.
- Can be connected to a Building Management System (BMS).
- Comes standard with a 350 series HVLS fan controller.

Construction

Powder coated steel downrod with mounting bracket and guide-wires. Extruded blades and motor hub are made from structural aluminum.

Motors

Type – Direct drive, permanent magnet motor.

Electricity supply - 380-480V, 3-phase, 50/60 Hz.

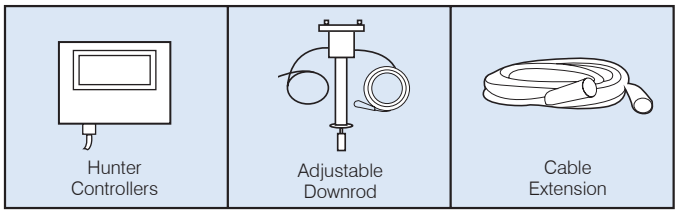
Bearings - sealed-for-life, ball.

See page *O-7* for details on motors.

Internal Thermal Protection

Thermal protection is supplied as standard on all motors.

ANCILLARY EQUIPMENT



Testing

Max airflow based on AMCA230-23

Wiring

Please refer all enquires to Fantech sales engineers

SUGGESTED SPECIFICATION

The High Volume, Low Speed (HVLS) fans shall be of the Hunter Titan Series as supplied by Fantech Pty Ltd and be of the model numbers shown on the schedule/drawings.

They shall include an adjustable pre-wired downrod with a self-leveling, quick connect mounting system. The downrod shall use guide wires to constrain lateral movement of the fan in operation.

Impeller blades shall be made of extruded structural aluminum and shall feature a contour and twist design.

The HVLS fan shall use a 3-phase direct drive, permanent magnet motor that generates large amounts of torque while operating at slow speeds and is equal to or less than 0.75 kilowatts.

It will come with a touchscreen controller designed to manage a network of multiple HVLS fans and sensors, adjust fan speed and change the fan's rotation direction from forward to reverse.

All models shall be fully tested to AMCA230-23 for airflow.

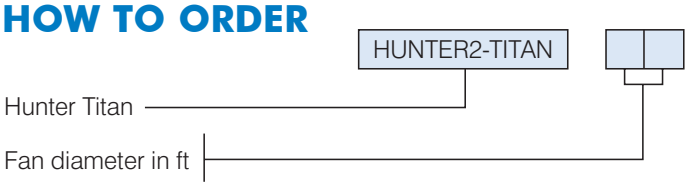
PERFORMANCE & SELECTION

Visit the Fantech online HVLS Selection Tool to calculate the number of Hunter fans needed, installation spacing and cooling effect required.

https://www.fantech.com.au/hvls

Please refer all enquires to Fantech sales engineers.

HOW TO ORDER

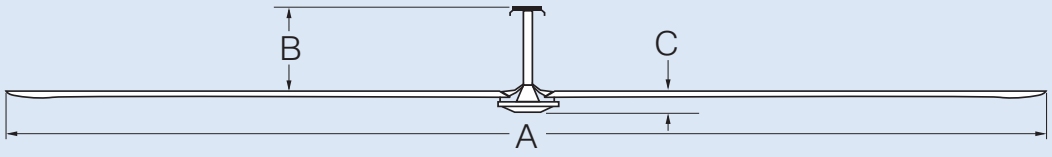


TECHNICAL DATA

Model Number HUNTER2-TITAN..	Motor rpm	Supply	Max kW	Full Load Amps	Sound (dBA)	Max airflow m³/s AMCA230-23	Effective range* Area m²
14	103	3-phase	0.72	3.0	<55	40.78	719
16	95	3-phase	1.01	3.0	<55	61.09	929
18	93	3-phase	1.47	3.0	<55	68.56	1186
20	73	3-phase	1.02	3.0	<55	76.64	1452
24	64	3-phase	1.22	3.0	<55	105.44	2090

* Effective range area is based on 1.5 to 2 m/s airflow at face/chest level

DIMENSIONS



Model Number HUNTER2-TITAN..	Dimensions, mm A	B, Downrod length	C	Weight. kg*
14	4200	Adjustable downrod options available from 0.76 to 3.04 metres	178	76
16	4800		178	79
18	5500		178	83
20	6100		178	86
24	7300		178	93

* Total fan hang weight. Included blades, motor, hanging system, accessories

Scan the QR code to view more information online.