HUNTER RM SERIES HVLS FANS



DESCRIPTION

The Hunter RM series High Volume, Low Speed (HVLS) is specially designed for hassle-free and cost saving installations. Engineered with a direct drive motor and single phase input, the RM comes with a pre-wired downrod that uses a self-levelling, quick connect mounting system.

They are available in 3 sizes, 2400, 3000 and 3600mm diameter.

Typical Applications

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

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Features

- Energy efficient and compact, single phase direct drive permanent magnet motor.
- Blades are formed with a unique twist profile for each individually fan size to maximise airflow and minimise noise levels.
- Time saving plug-n-play system includes pre-installed bolts, pre-wired rigid downrod.
- Rigid downrod options from 0.61 to 1.21 metres drop
- Highly efficient 4 blade configuration.
- Comes with a pre-configured proprietary VSD.
- A range of controllers are available to manage from 1 to 30 fans.
- Can be connected to a Building Management System (BMS).
- Comes standard with a 350 series fan controller.

Construction

Powder coated steel rigid downrod with mounting bracket. Extruded blades and motor hub are made from aluminium.

Motors

Type – Direct drive, permanent magnet motor.

Electricity supply - 200-240V single-phase, 50/60Hz.

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.

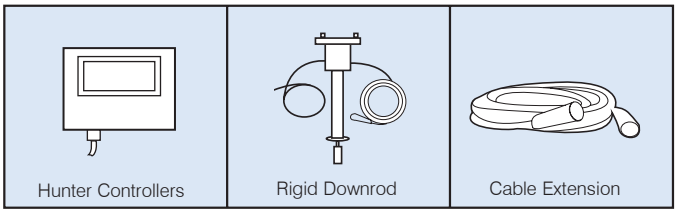
Testing

Max airflow based on AMCA230-23

Wiring Diagram

Please refer all enquires to Fantech sales engineers.

ANCILLARY EQUIPMENT



SUGGESTED SPECIFICATION

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

Impeller blades shall be made of extruded aluminium and shall feature a contour and twist design. They shall include a powder coated rigid downrod that does not required guide wires.

The HVLS fan shall use a single phase direct drive, permanent magnet motor that generates large amounts of torque while operating at slow speeds and is equal to or less than 0.5 kilowatts.

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

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

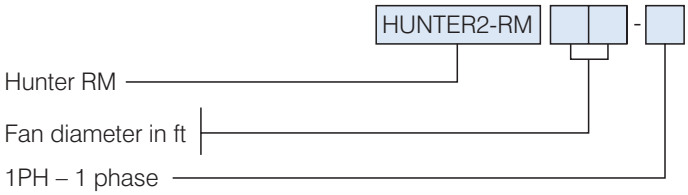
PERFORMANCE & SELECTION

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

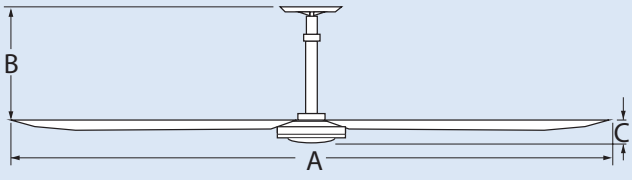
https://www.fantech.com.au/hvls

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HOW TO ORDER



DIMENSIONS



Model Number HUNTER2-RM..	Dimensions, mm A	B	C	Weight. kg*
08-1PH	2400	Fixed downrods in 0.6, 0.9 or 1.2 metre lengths	127	47
10-1PH	3000		127	49
12-1PH	3600		127	53
14-1PH	4200		127	55

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

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TECHNICAL DATA

Model Number HUNTER2-RM..	Motor rpm	Supply	Max kW	Full Load Amps	Sound (dBA)	Max airflow m^3/s AMCA230-23	Effective range* Area m^2
08-1PH	156	1-phase	0.48	6.5	<55	15.41	149
10-1PH	139	1-phase	0.75	6.5	<55	25.02	232
12-1PH	108	1-phase	0.77	6.5	<55	30.38	334
14-1PH	108	1-phase	0.71	6.5	<55	40.69	455

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



Scan the QR code to view more information online.

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