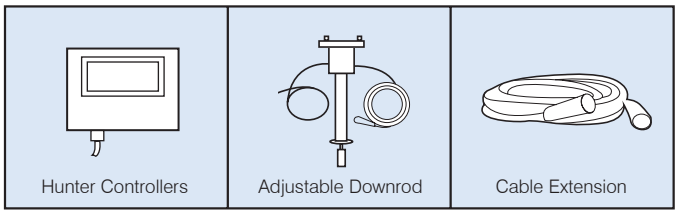
HUNTER ECO HVLS FANS



ANCILLARY EQUIPMENT



Internal Thermal Protection
Thermal protection is supplied as standard on all motors.

Testing
Max airflow based on AMCA230-23

DESCRIPTION
Hunter ECO is one of the lightest HVLS fans available with robust direct drive motor and structural aluminium blade design. The range comes with plug & play, pre-assembled technology to simplify installation and a choice of touchscreen controllers to manage a network of up to 30 HVLS fans.

The range is available in 8 sizes; 2400, 3000, 3600, 4200, 4800, 5500, 6100 and 7300mm diameter sizes

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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 4 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 rigid downrod with mounting bracket. 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.

SUGGESTED SPECIFICATION
The High Volume, Low Speed (HVLS) fans shall be of the Hunter ECO 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 and 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 0.5 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.

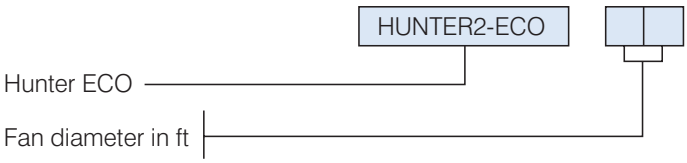
All models shall be fully tested to AMCA230-23 for airflow.

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



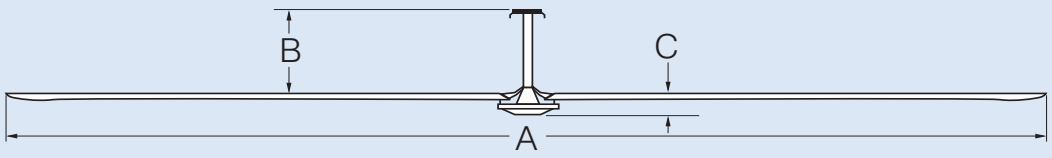
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TECHNICAL DATA

Model Number HUNTER2-ECO..	Motor rpm	Supply	Max kW	Full Load Amps	Sound (dBA)	Max airflow m^3/s AMCA230-23	Effective range* Area m^2
08	156	3-phase	0.49	2.0	<55	15.41	149
10	139	3-phase	0.75	3.0	<55	25.02	232
12	108	3-phase	0.78	3.0	<55	30.38	334
14	108	3-phase	0.71	3.0	<55	40.69	455
16	94	3-phase	1.01	3.0	<55	51.40	595
18	80	3-phase	0.85	3.0	<55	60.27	752
20	77	3-phase	0.92	3.0	<55	72.17	929
24	62	3-phase	1.24	3.0	<55	96.48	1338

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

DIMENSIONS



Model Number HUNTER2-ECO..	Dimensions, mm A	B, Downrod length	C	Weight. kg*
08	2400	Adjustable downrod options available from 0.76 to 3.04 metres	178	40
10	3000		178	43
12	3600		178	46
14	4200		178	58
16	4800		178	61
18	5500		178	62
20	6100		178	66
24	7300		178	72

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

Scan the QR code to view more information online.