**JetVent Airmover Series**

**Description**
The JetVent Airmover has been designed to provide air movement in large enclosed areas such as warehouses and recreation facilities. Suspended from the ceiling, it provides a cross-flow of air to an area that enhances heat transfer between the air and the human body. This helps create a fresher environment that is more comfortable to be in.

**Typical Applications**
Large indoor facilities where generating air movement is essential to improving comfort. Examples of this are warehouses, factories, workshops, gymnasiums and public recreation facilities.

**Features**
- Eliminates the build-up of hot, stagnant and polluted air.
- Its gentle breeze creates less disturbance to the working environment.
- High level mounting position avoids plant operation interference.
- Adjustable discharge nozzle enables adjustment of air flow direction.
- High performance backward-curved centrifugal fan.
- Available with single and three-phase motors.
- Single-phase unit is speed-controllable and supplied with 3-pin plug and lead. Three-phase unit can be speed-controlled by using a Star/Delta 2-speed switch.
- Long lasting galvanised steel construction with grey, powder-coated finish.
- For installations where unit is close to ceiling, model with inlet on the underside face is available.
- Other colours can be supplied.

**Construction**
Grey, powder-coated galvanised steel housing.
Adjustable discharge nozzle.
Backward-curved centrifugal impeller.

**Motors**
Type - external rotor, squirrel cage induction motor.
Electricity supply - 220-240V, single-phase, 50Hz; 415V, three-phase, 50Hz.
Bearings - sealed-for-life, ball.
Three-phase motor - Can be wired in high or low speed. 2-speed available with installation of optional star/delta switch. Isolator switch fitted to fan.

See pages O-2/3 for details of these motors.

**Internal thermal Protection**
Internal thermal protection is supplied as standard on all units.

**Wiring Diagram**
Not required for single-phase fan.
For three-phase wiring see page N-9, diagram ER9.

**Suggested Specification**
The ceiling suspended cooling fan shall be of the JetVent Airmover Series as designed and manufactured by Fantech Pty Ltd and be of the model numbers shown on the schedule/drawings. Impellers shall be backward-curved design and driven by speed-controllable external rotor motors.
It shall include an adjustable discharge nozzle and its housing be manufactured from light grey, powder-coated, galvanised steel.

**Velocity Profile**
![Velocity Profile Diagram](image)

**Technical Data**

<table>
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<tr>
<th>Model</th>
<th>Speed Setting</th>
<th>Discharge Thrust</th>
<th>Avg. dB(A) @ 3m</th>
<th>Volts</th>
<th>kW</th>
<th>Amps</th>
<th>Wt. kg</th>
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<td>JVWE6</td>
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<td>240</td>
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**Dimensions**

![Dimensions Diagram](image)

**Ancillary Equipment**

- SD - Star/Delta switch*  Ref. M-7
- VA - Speed controller*  Ref. M-5

* Applicable for JVWD6 unit (Three phase) only.

**How To Order**

JetVent Airmover
D - 3 phase
E - 1 phase
6 - 6 pole
R - Inlet underside

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