Enriching Lives
Through BREEZE AIR!

Made in India | HVLS Fans

www.austarindia.com

Austar™
High Volume
Low Speed Fans

Austar HVLS Fans can save energy costs and increase productivity while respecting the environment!

High Volume Low Speed (HVLS) Fans, is a type of mechanical fan greater than 7 ft (2.1m) in diameter. HVLS Fans move slowly and distribute large amount of air at low rotational speed.

Conventional ceiling fans run on totally opposite principle of Low Volume High Speed.

About Austar

Austar Technologies' promoters engineering business in 1997 by supplying precision fabrication to multinational engineering companies followed by manufacturing set up for EOT Cranes & Construction Machines.

Austar Technologies' entered into manufacturing HVLS fans in year 2017 after two year of designs development and testing of various sizes and options. Austar Technologies believes in catering Indian market Premium Quality Product at Affordable Cost and life long service back up.

HVLS Advantages

Suitable for Workshop / buildings bigger then 2500 Sq. Ft & roof height more then 18 ft.

Uniform Air distribution.
Air Quality - Breeze Air (A Gentle Wind).

Irritation less Longer hours exposure.
(Workers can work comfortably for 10-12 hours)

Reduced Power consumption.
(30% to 70%) "ROI in Two years.

Reduced Capital cost on
Ventilation Equipment.

Added Aesthetics.

The human body feels 4 to 5 degree less It is called wind chill effect. " The air ‘feels’ colder than it is because of the chilling effect of the wind on the skin.”
HVLS Fans are commercially and technically feasible for building area more than 2500 Sq. Ft. and Roof Height more than 18 Ft.

HVLS Applications
Here we try to name buildings where HVLS fans are getting installed.

- Churches
- Mosques
- Universities
- Hospitals
- Warehouses
- Factory Workshops
- Health Clubs
- Agricultural stock yard
- Government godowns/ Cold rooms
- Animal & Poultry farms
- Milk production centers
- Food production centers
- Large worship places
- Automotive showrooms
- Railway/ Airport
- Events & Exhibitions
Technical Details

Models Available

<table>
<thead>
<tr>
<th>Model</th>
<th>As245</th>
<th>Model</th>
<th>As205</th>
<th>Model</th>
<th>As165</th>
<th>Model</th>
<th>As125</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>24ft Dia</td>
<td>Size</td>
<td>20ft Dia</td>
<td>Size</td>
<td>16ft Dia</td>
<td>Size</td>
<td>12ft Dia</td>
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<tr>
<td>No. of Blades</td>
<td>5 Nos.</td>
<td>No. of Blades</td>
<td>5 Nos.</td>
<td>No. of Blades</td>
<td>5 Nos.</td>
<td>No. of Blades</td>
<td>5 Nos.</td>
</tr>
<tr>
<td>Motor Rating</td>
<td>1.5 kW</td>
<td>Motor Rating</td>
<td>1.5 kW</td>
<td>Motor Rating</td>
<td>1.1 kW</td>
<td>Motor Rating</td>
<td>0.75 kW</td>
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<tr>
<td>Rpm</td>
<td>50 rpm</td>
<td>Rpm</td>
<td>60 rpm</td>
<td>Rpm</td>
<td>70 rpm</td>
<td>Rpm</td>
<td>100 rpm</td>
</tr>
</tbody>
</table>

Key component specifications

- Gear Motor: Nord / SEW German make. IP 55 Protection, IE2 Efficiency, with Reinforced Bearing.
- Blades: MOC Aluminium with two ribs for extra strength. 220 mm section width.
- Control: Driven by VFD of reputed make i.e Lenzie / Danfoss / Crompton.
- Operated through Key Pad having easy and long life keys for Start, Stop, Reverse / Forward and Speed increase / decrease.
- Control Panel box are provided with Powder Coated Finish and having dust proof doors.
- Cable connection are through plug and play type for easy Installation, maintenance and trouble free long lasting operation.

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