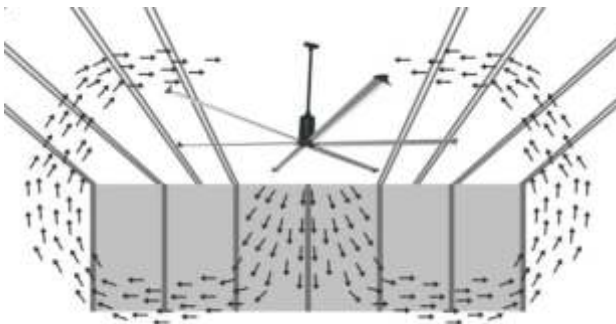


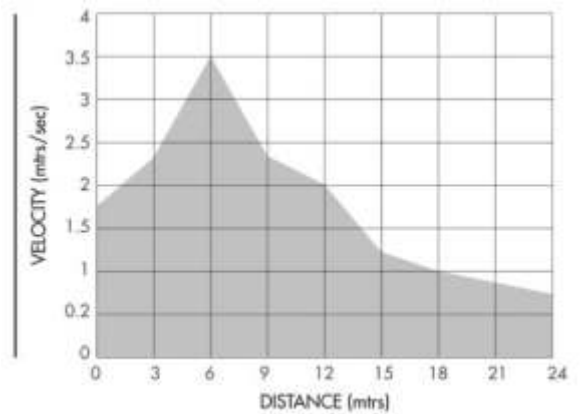


FanStudio -HVLS Fan Concept

Air Flow Pattern



Distance vc Air Velocity



Following readings are taken for 24' diameter Fans and approx value

FANSTUDIO-HVLS SPECIFICATIONS

MODEL	FAN DIAMETER	HEIGHT FROM-FLOOR MIN - MAX	MOTOR	AIRFLOW CFM approx.	WORKING AREA Sq.Ft. approx.	RPM
FSHVLS 7E	24 feet	9 - 11.5	1.5 KW	377,000	16,900	52
FSHVLS 6E	20 feet	7 - 8.5	1.5 KW	288,000	10,500	68
FSHVLS 5E	16 feet	6 - 7.5	1.1 KW	225,000	8,900	72
FSHVLS 4E	12 feet	5 - 6.5	1.1 KW	128,700	6,800	86
FSHVLS 3E	10 feet	5 - 6.5	0.75KW	98,100	4,500	114

HVLS Fans Benefits

- High performance industrial fans
- Single fan replaces multiple wall mounted fan
- Distributes air up to 15,000 sq.ft., corner to corner, outstanding Coverage without draft.
- Running Costs reduction of upto 80% and payback in 6 months.
- Variable speed controller to set and control airflow. Reverse operation options.
- Earn LEED credits for sustainable design.
- Flexibility on shop floor for line layout and movement.

FANSTUDIO-HVLS Fan Advantages

Safety

- Extremely High Level of Primary Safety for all components. 35 mm Motor Dia. / M14 Bolts for Structure & Chassis / Nylock Nuts and Loctite for all fasteners / Steel EN 10025 – 90 for Structure & Chassis / GI Wire Ropes with additional PVC Coating, etc.
- Secondary Anti – Fall Safety Systems provided for all Major Components
 - a. Structure – Secondary Wire rope to lock to building structure.
 - b. Blades – Embedded Wire Ropes in Blade
 - c. Hub – Special Z Brackets for anti-fall.

Performance

- Aerofoil Blade Design with Blade Angle of 27 deg. for optimum Air Flow Rate & Thrust.
- Tapered Fan Blades for Uniform Air Distribution.
- Nord High Efficiency Motor & Gear Box for Low Running Costs.
- Can be linked to Integrated Building Management System (IBMS) through VFD.

Durability & Reliability

- High Grade 6061 T6 Aluminum Alloy Used for Aerofoil Blades.
- IP 55 Motor & Gearbox with Synthetic Oil & VFD from NORD Germany – world leaders in Transmission Technology.
- High Grade Steel upto 12mm thick with Hot Dip Galvanizing for best anti corrosion protection.
- GI Coated Wire Ropes with PVC Coating.

Certification

FanStudio HVLS fans are CE certified meeting international standards.