

Kelley HVLS Fans

Kelley® **energy-saving** HVLS fans help regulate facility temperature, improve productivity and reduce energy costs.

Innovation, superior engineering, quality and durability: these have been part of Kelley's extensive history since 1953, when it invented world's first counterbalanced dock leveller in the US and created an entire industry. With more than 150 patents and seven state-of-the-art manufacturing facilities across the globe, Kelley has become the worldwide standard in loading dock equipment and now HVLS fans, for nearly 60 years.

Kelley Material Handling Equipment India, a hundred per cent wholly-owned subsidiary of 4Front Engineered Solutions, Inc, Dallas, Texas, USA, delivers dock levellers, HVLS fans, dock shelters, dock seals, lift products and vehicle restraints that help make a warehouse or a factory safer, more productive and energy-efficient.

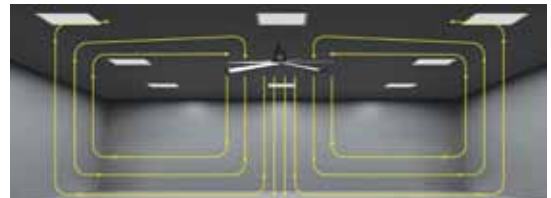
Kelley® Fusion™ HVLS (High Volume Low Speed) large fans are designed to provide facilities with energy-efficient, cost-effective air circulation solutions for the hot summers and cool winters in India. Thousands of these fans are installed in a variety of manufacturing units, warehouses, hospitals, airports and large retail outlets worldwide.

"One Kelley HVLS large fan of 24 ft diameter with a 2 hp motor can cover



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an area of up to 20,000 sq ft (depending upon site conditions) resulting in huge savings in electricity consumption," said **Piush Goyal, Managing Director, Kelley India.** "A very low noise level (~65db), clean and safe work environment improves productivity and employee morale," he added.



Kelley HVLS large fans produce a massive, cylindrical column of air that flows down to the floor and outward in all directions.

The Kelley Fusion HVLS fan's design benefits include:

- Fan sizes ranging from 8 to 24 ft diameter with 1 hp / 1.5 hp / 2 hp motor (both 1-phase and 3-phase options).
- The 2-3 mph breeze breaks the moisture-saturated boundary layer on the skin equivalent of 7°-11°F reduction in the perceived temperature to keep employees comfortable.
- Reduces energy consumption when used with HVAC systems.
- Smooth air circulation

helps keep food and produce dry and fresh reducing spoilage.

- Floor condensation is minimised, keeping floors drier and safer for foot and motorised traffic.
- Kelley HVLS large fans can improve indoor air quality as well by dispersing fumes.
- No need to maintain large number of wall-mounted noisy fans consuming more electricity.
- In the cooler winter months, fans can be run in reverse to circulate the hot air trapped at ceiling level, known as destratification, making facilities more comfortable.
- iFan allows networking of up to 30 fans, which can be controlled from a remote computer. **EI**



One Kelley HVLS Fan of 24 ft diameter working at a warehouse in Punjab.

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