



ComfortAir Series HVLS Fans

Fan Diameter: 2400–4200 mm

Powering Comfort, Elevating Performance

Many customers are very satisfied with the performance of large ceiling fans and wish to install them, but due to installation constraints, they are left unable to do so. Our engineers have designed the **ComfortAir** series fans, which not only solve this issue but also add more practical features, turning the challenge into an application advantage. The **ComfortAir** series fans have an umbrella-shaped design and can be equipped with billboards, lighting, bar counters, seating barriers, and more. Functionality can be customized according to specific needs, giving them a unique personality. The design blends seamlessly with the environment, exuding a stylish, luxurious, and modern feel.

ComfortAir fan products leverage advanced **PMSM (Permanent Magnet Synchronous Motor)** technology to deliver powerful and energy-efficient large-scale airflow. **ComfortAir fan products** ensures consistent and silent operation, creating comfortable environments across vast areas while significantly reducing energy consumption. Ideal for industrial, commercial, and public spaces, **ComfortAir fan products** enhances air circulation efficiency, minimizes maintenance, and maximizes long-term reliability, making it a sustainable choice for large venues.

ComfortAir Series HVLS Fans Product Applications

ComfortAir HVLS Fans is designed to improve air circulation and temperature control in large or challenging spaces. ComfortAir HVLS fans efficiently distribute air, creating a more comfortable environment while reducing reliance on HVAC (Heating, Ventilation, and Air Conditioning) systems.

By choosing ComfortAir products, customers gain a sustainable, cost-effective, and high-performance solution for airflow and comfort needs.

Application Scenarios:

- **Sports Industry:** Gym / Sports Hall / Indoor Stadium / Training Room
- **Leisure & Entertainment:** Amusement Park / Zoo & Botanical Garden / Children's Playground
- **Transportation Hubs:** Train Station / Bus Station / Subway Station / Airport Terminal
- **Commercial Spaces:** Exhibition Center / Large Malls & Supermarkets
- **Other Types:** Corporate Office Lobby / Villas / Canteens / Museums / Automotive Repair Workshop / Large Outdoor Commercial Event Rentals...

CONINCO Fans stands out as an industry leader in airflow solutions due to its innovative design, reliable performance, and versatile applications.



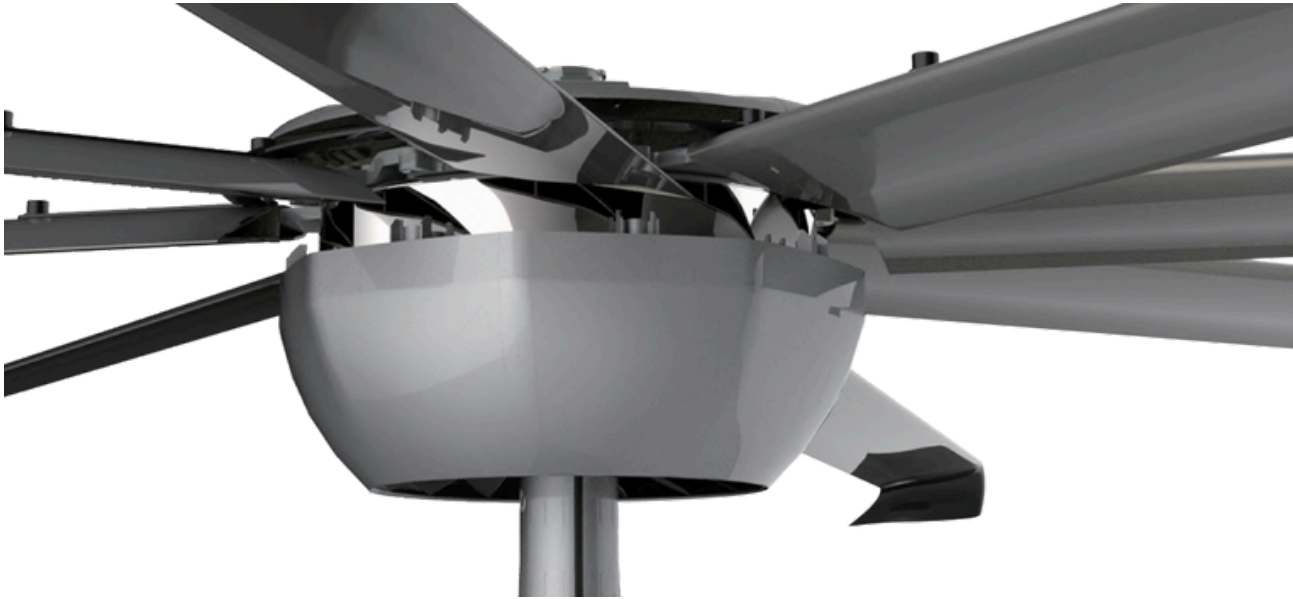
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**DISCOVER MORE ABOUT
CONINCO HVLS Fans**

Learn more at www.conincofans.com
or call **US** for a free custom quote

ComfortAir Series HVLS Fans

Key Features



Advanced PMSM Technology

CONINCO Fans equipped with PMSM (Permanent Magnet Synchronous Motor) technology deliver exceptional energy efficiency, stable performance, and ultra-quiet operation. These motors provide precise control and consistent airflow, making them ideal for large spaces. With a compact, lightweight design and maintenance-free requirements, PMSM motors enhance reliability and reduce operational costs, offering a sustainable and high-performance solution.

Benefit of PMSM technology:

1. High Efficiency and Energy Saving
2. Stable and High Performance
3. Quiet Operation
4. Compact and Lightweight
5. Maintenance-free technology
6. Versatile Applications

Quiet Operation

Despite their powerful performance, ComfortAir fans maintain low noise levels during operation. Even in environments where continuous operation is required, they provide a quiet working atmosphere, reducing noise pollution and making them ideal for locations with strict noise requirements. Motor noise level is less than 40 dBA.

Large area coverage

With wide area coverage, ComfortAir fans effectively circulate and distribute air. Designed with low-speed, high-volume airflow, fans can cover areas up to several dozen meters, ensuring uniform temperature and humidity control, while enhancing comfort in the space.

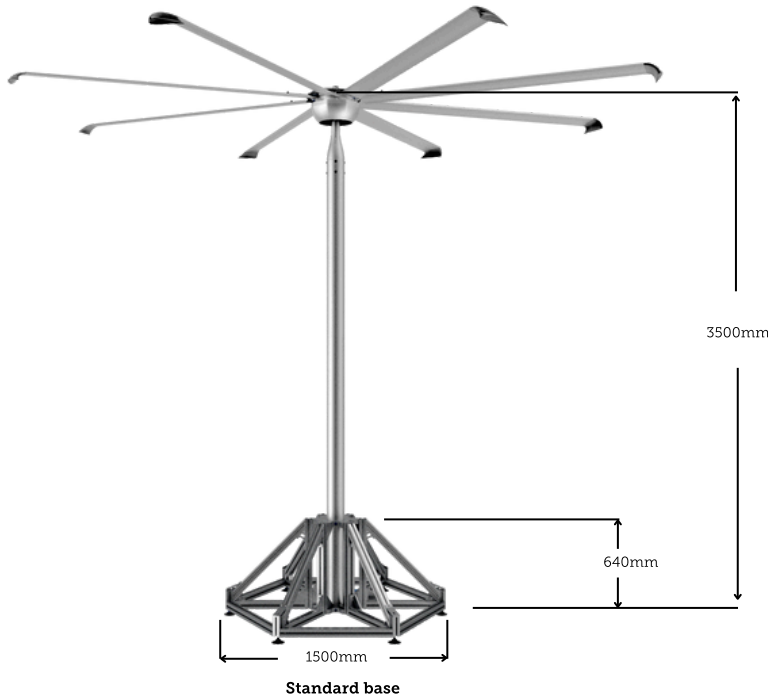
High Durability and Reliability

The ComfortAir fans are made with reinforced high-quality materials that offer exceptional durability and corrosion resistance. Whether in extreme heat, humid, or corrosive environments, they can operate reliably, ensuring long-term, stable performance.

Energy-Efficient

The ComfortAir fans are designed with high efficiency and low-speed operation. The PMSM drive technology enables the large fans to generate greater airflow over a larger area with lower energy consumption. Compared to traditional fans or air conditioning systems, it saves a significant amount of energy and reduces overall energy costs.

ComfortAir Series HVLS Fans Technical Parameters



Fan	Diameter	Air volume,m ³ /min	Weight(kgs)	Max speed	Power	Full load current	Noise Level
CA8-24	8ft (2.4m)	4550	31kg	120RPM	0.15kw	0.9A	42dBA
CA8-30	10ft (3.0m)	5530	35kg	100RPM	0.2kw	1.3A	43dBA
CA8-36	12ft (3.6m)	6560	38kg	90RPM	0.3kw	1.5A	41dBA
CA8-42	14ft (4.2m)	7550	41kg	80RPM	0.4kw	1.8A	43dBA

Installation Requirements:

- Base: Standard aluminum alloy inverted trapezoidal base, with customizable options for other types of bases.
- The installation space height should not be less than 4 meters.
- The minimum safe distance between the fan blades and obstacles is 0.2m.

Others:

- Weight: Above weight does not include control cabinet, extension rods, top connection components, etc.
- Fan Diameter: The diameters listed above are standard product sizes; other specifications can be customized.
- Blade Color: The standard color is silver; other colors are customizable.
- Input Voltage: Single-phase 220V.

CONINCO Fans

Email: sales@conincofans.com
 Website: www.conincofans.com
 Tel: +65 69587868



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