

Top 10 EC Centrifugal Fan Suppliers in 2026: Supporting Efficient Airflow Management

Highlighting EC Fan Solutions for Airflow Management Across Commercial and Industrial Systems

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September 21, 2026 — EC centrifugal fans are being applied across HVAC, data-centre cooling, refrigeration and industrial equipment, where airflow efficiency, controllability and equipment integration are important considerations. Against this background, Beijing Hengrui Hongsheng Mechanical & Electrical Equipment Co., Ltd. (Hengrui [EC Fan](#)) is included among 10 companies supplying EC fan products and related ventilation solutions to the market.



Beijing Hengrui Hongsheng

The companies covered in this article represent different supply models, including international fan manufacturers, established brands and authorized multi-brand channels. Their product portfolios cover different airflow and pressure requirements, motor technologies, control configurations and application environments.

Why EC Fan Supply Is Receiving Greater Attention in 2026

Several factors are increasing attention on EC fan technology and supplier capabilities in 2026, particularly across HVAC, air-handling, data-centre cooling, refrigeration and industrial equipment.

- Efficiency requirements. In the European Union, Regulation (EU) 2024/1834 introduces

ecodesign requirements for industrial fans driven by electric motors with input power from 125 W to 500 kW, with the requirements applying from 24 July 2026. The regulation covers several categories of fans, including centrifugal and axial designs, making documented efficiency and operating-point information increasingly relevant when products are specified for the EU market.

- Application-specific performance. EC centrifugal fans are available across a wide range of airflow, static-pressure, motor and control configurations. As equipment manufacturers increasingly integrate fans directly into air-handling, cooling and ventilation systems, selection is often based on the required operating point rather than maximum catalogue airflow alone. Parameters such as impeller size, static pressure, power supply, control interface and installation dimensions can therefore influence product suitability.
- International supply requirements. EC fan sourcing also involves supply-side considerations such as product availability, technical support and delivery capability. For projects involving imported equipment or multi-brand sourcing, access to suitable models and supporting technical information can also influence procurement decisions.

The 10 [EC Centrifugal Fan](#) Suppliers in 2026

1. Beijing Hengrui Hongsheng Mechanical & Electrical Equipment Co., Ltd. (Hengrui EC Fan)

The Beijing-based company has a broad documented authorization portfolio covering multiple international fan and ventilation brands. Its certificate file includes the ebmpapst Distributor Authorization Letter No. A50023867, issued by ebm-papst Motor (Shanghai) Co., Ltd., valid from 1 January to 31 December 2026, designating the company as a distributor for ebmpapst products in North China. It also holds SUNON Distributor Certificate TW2025-001198, issued by Sunon Electric Industry Co., Ltd. and valid from 1 December 2025 to 30 November 2026, covering SUNON brand fans, motors, cooling modules, Fan Tray and related accessories; the WISTRO Certificate of Exclusive Authorization No. 06.10.26,W issued on 15 September 2026; an S&P exclusive authorization dated 19 January 2026 naming the company as official agent for OEM ranges of S&P ventilation products in China; and the Delta 2026 Distributor Authorization Certificate FM-MMXXVI 026, valid through 2026, covering North China, East China and Southeast Asia including Thailand, Vietnam, Malaysia and Singapore.

The company states that it also maintains long-term agency and distribution relations with Ziehl-Abegg, SANYO, Rosenberg, SODECA, NMB, ADDA and S&P, and that it has held the title of sales champion among ebmpapst distributors and has been rated a Siemens premium supplier. Its service network is organised through offices in Chengdu, Wuxi, Tianjin, Shenzhen and Hong Kong.

Company-reported commercial terms include a minimum order quantity of one unit, a seven-day lead time, monthly capacity of 100,000 units, OEM production, and 24/7 technical support. The company states that it has served more than 20,000 corporate customers and keeps a large

volume of ready stock for selection, matching and shipment support. Website: en.bjhengrui.com.

2. ebm-papst Group

ebm-papst offers a broad portfolio of EC centrifugal fans, including RadiPac, RadiCal and other centrifugal fan solutions for HVAC, air-handling and industrial applications. Its products use EC motor technology with integrated electronics and support speed control, while selected series are designed for applications such as fan wall units, CRAH systems and air-handling units.

3. Ziehl-Abegg

Ziehl-Abegg provides centrifugal fan systems covering different impeller sizes, motor technologies and control configurations. Its C series includes backward-curved centrifugal impellers, plug-fan and motorized configurations, with ECblue and PMblue motor technologies available across the range. The company's documented product range covers applications including air handling and HVAC, with selected versions available for ATEX and IECEx requirements.

4. Delta Electronics

Delta Electronics has a dedicated [EC centrifugal blower](#) portfolio within its fans and thermal management business. Its EC fan solutions are positioned for applications including data-centre cooling and other thermal-management requirements, with the company's product platform covering both EC centrifugal blowers and EC axial fans. Delta's published application materials also identify fan-array, row-cooling and room-cooling applications for its EC fan technology.

5. SUNON (Sunon Electric Industry Co., Ltd.)

SUNON's EC fan portfolio includes both axial and centrifugal designs, with its Green EC series covering high-pressure centrifugal fan models. Published specifications include larger EC centrifugal fan sizes with airflow, static-pressure, power and speed data, providing technical parameters for equipment and cooling-system selection. SUNON also states that its EC fan range is designed to meet the EU Ecodesign requirements applicable from July 2026.

6. WISTRO Elektro-Mechanik GmbH

WISTRO focuses on industrial fans and external fan units, with product offerings covering

different fan sizes and configurations. Its public product platform provides selection information based on customer specifications, manufacturers and article numbers, while its range includes external fan units from size 225 and solutions developed for industrial applications. The company also highlights flexibility in product configuration.

7. S&P (S&P Sistemas de Ventilación S.L.U)

S&P provides centrifugal and radial fan solutions for OEM equipment manufacturers, with its published OEM portfolio covering plug fans, direct-driven centrifugal fans and backward-curved radial fans. Its CBM-RE range uses external-rotor motors, while the company's newer product documentation also covers EC-oriented ventilation solutions. These products position S&P within the OEM-focused side of the EC and centrifugal ventilation market.

8. SODECA

SODECA's EC centrifugal fan portfolio covers a range of configurations for ventilation and air-handling applications. Its published range includes double-inlet centrifugal fans, high-efficiency plug fans, single-inlet medium-pressure fans and ventilation units equipped with EC technology. The portfolio also includes specialized configurations for applications requiring corrosion-resistant materials or integrated control functions.

9. Rosenberg

Rosenberg offers centrifugal fans with forward- and backward-curved impellers, with different housing and drive configurations available for equipment integration. Its product range includes EC centrifugal fans using energy-efficient external-rotor motors, developed for ventilation and air-conditioning units as well as other equipment applications. The portfolio gives buyers access to both compact integrated fan solutions and different centrifugal configurations.

10. NMB

NMB Technologies focuses on thermal-management components and cooling fans, with its published product range covering centrifugal blowers, radial impellers, axial fans and other cooling solutions. Its relevance to this supply landscape is primarily associated with equipment cooling and airflow management, with product-selection information available according to factors such as size, speed, voltage and operating environment.

What Efficient Airflow Management Requires at the Product Level

Efficient airflow management depends on more than the nominal airflow capacity of a fan. For EC centrifugal fans, product selection generally needs to consider airflow, static pressure, motor efficiency, control method, power supply, installation dimensions and the operating environment. The appropriate combination depends on the equipment design and the required operating point.

Airflow and static pressure. Different equipment places different demands on fan performance. Air-handling units, CRAH and CRAC systems, refrigeration equipment and industrial ventilation systems may require different combinations of airflow and static pressure. For this reason, the operating point of the fan under actual system resistance is generally more relevant to selection than maximum free-air airflow alone.

Motor and control configuration. EC centrifugal fans integrate electronically commutated motor technology with electronic control, allowing speed and airflow to be adjusted according to system requirements on compatible models. Depending on the product, control and monitoring options may include 0–10 V, PWM or Modbus interfaces. The available functions and interfaces vary by model and should be verified against the manufacturer's technical documentation.

Protection and integration. Product selection also involves installation space, power requirements and environmental conditions. Depending on the model, EC centrifugal fans may be available with different IP protection levels and electrical configurations for integration into ventilation, cooling or air-handling equipment. These specifications need to be evaluated together with the equipment's installation and operating requirements.

For equipment manufacturers and sourcing teams, selecting an EC centrifugal fan therefore requires a balance between airflow, static pressure, efficiency, control compatibility and installation requirements. Reviewing actual operating conditions and model-specific technical documentation can provide a practical basis for product selection and system integration.

Buyer Considerations for 2026 Sourcing

When sourcing EC centrifugal fans in 2026, buyers may need to evaluate both product specifications and supply capabilities. In addition to confirming the required operating conditions, procurement teams can consider the following factors:

- **Product and technical documentation:** Review model-specific datasheets, performance curves, certification documents and, where applicable, authorization records.
- **Control compatibility:** Confirm that available control and feedback interfaces are compatible with the target equipment and control architecture.
- **Supply and delivery:** Check MOQ, stock availability, lead time and technical support according to project requirements.

- Application suitability: Confirm that the selected fan configuration matches the equipment's installation space, operating environment and expected duty conditions.

Company position

Beijing Hengrui Hongsheng operates as a multi-brand supply channel for ventilation, heat dissipation and industrial control electromechanical products. Its documented authorization relationships with multiple international fan brands support a supply model that combines brand access with product selection and model-matching services.

This positioning allows Hengrui to serve projects where different fan brands, performance requirements or equipment configurations need to be considered within the same sourcing process.

Conclusion

The 2026 EC centrifugal fan supply landscape includes international manufacturers, established fan brands and multi-brand supply channels serving HVAC, data-centre cooling, refrigeration and industrial applications. Across these supply models, product performance, control compatibility, technical documentation and application-specific selection remain important considerations.

As equipment requirements become more specific, suppliers that can provide appropriate product configurations, supporting technical information and reliable delivery capabilities will continue to play a role in the international EC centrifugal fan supply chain.

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