AFL艾弗洛

浙江艾弗洛电器有限公司

ZHEJIANG AIRFLOW ELECTRIC APPLIANCES CO.,LTD

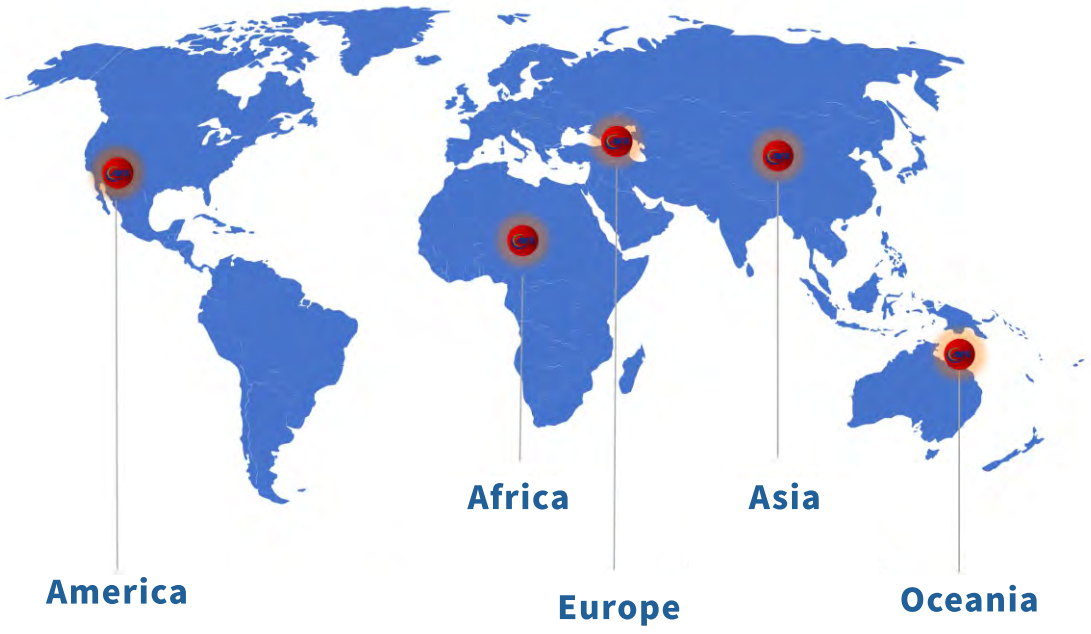
Who We Are?

Founded in 2014, AFL operates three strategically located production bases in Jiaxing, Hangzhou, and Shijiazhuang, delivering an annual manufacturing capacity of 3 million units. Certified as a National High-Tech Enterprise and Zhejiang Provincial Specialized & Innovative Enterprise, the company maintains a 2,000-square-meter advanced laboratory with over 50 R&D engineers dedicated to pioneering External/Internal rotor DC/AC motor technologies.

AFL specializes in developing platform-engineered centrifugal fans, axial flow fans, and specialized electric propulsion systems, with its industry-leading DC310V outer rotor motors and EC constant airflow technology setting global benchmarks. All products exceed EU energy efficiency standards and are exported worldwide to Europe, North America, Southeast Asia, the Middle East, and beyond.

45000㎡	350+	3 million units	60+ patents
Total Facility Area	Employees	Annual Capacity	Intellectual Property

Global Presence



Technology R&D

Our in-house laboratory, equipped with state-of-the-art testing systems, enables precise analysis of fan airflow dynamics and acoustic performance. Supported by a comprehensive R&D framework, we ensure full-spectrum technical validation throughout product development, including:

- Motor magnetic field simulation & performance testing
- Constant temperature/humidity endurance testing
- Control circuit reliability validation
- Fan aerodynamic efficiency & noise optimization
- Thermal shock testing
- Walk-in environmental simulation chambers
- Corrosion resistance verification (salt spray testing)

2000㎡	50+	40+	
Lab	Engineers	Testing Devices	Multi-Certified Solutions

Smart Manufacturing & Digital Management

Core Capabilities

Robotic welding, automatic winding machines, and assembly lines for future-ready smart production.

Digital Systems

ERP, WMS, and MES integration to optimize operations and build a data-driven factory.

Fan types

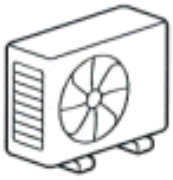
AFL's offer includes a wide range of fans with AC motors, as well as energy-efficient EC motors, which stand for the future of the company' s technological development. Here we find radial fans with high pressure available for recuperators and air handling units. Smaller, compact units, used in filtration devices or hoods, as well as axial fans used in chillers, fan heaters, heat pumps, or dry coolers.

Type	Series	Impeller Diameter (mm)
AC	Backward Centrifugal	Φ 155-175-180-190-220-225-250-280-315-355-400 -450-500-560-630
	Single Inlet Forward Centrifugal	Φ 100-133-140-150-160-180-200-225-250-280-315
	Dual Inlet Forward Centrifugal	Φ 120-133-146-180-200-225-250-280-315-355-400
	Axial	Φ 133-145-165-185-200-230-250-295-300-350-400 -420-450-500-550-600-630-710-800
EC	Backward Centrifugal	Φ 133-155-168-175-190-220-225-250-280-310-325 -355-400-426-450-456-500-540-560-630-640
	Single Inlet Forward Centrifugal	Φ 120-133-140-160-180-200-225-250-280
	Dual Inlet Forward Centrifugal	Φ 120-133-146-160-180-200-225-250-280-315-355 -400
	Axial	D 200-250-300-315-350-400-450-490-500-550-630 -710-800-910
DC	Backward Centrifugal	Φ 133-155-168-175-190-220-225-250-280-310-355 -400
	Single Inlet Forward Centrifugal	Φ 120-133-140-160-180
	Dual Inlet Forward Centrifugal	Φ 120-133-146-160-180
	Axial	Φ 180-185-200-250-300-350-400-450

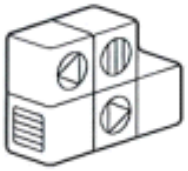
Solution that fits your needs

Product application Fields: New Energy Power, AHU, Fresh Air Ventilation& Air Purification & Dehumidification, Industrial Air Purification, Specialized Motor Thermal Management, Telecom Base Stations & Data Centers, Medical & Pharmaceutical Industries, HVAC.

Air purifiers

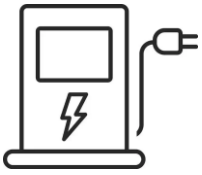


HVAC

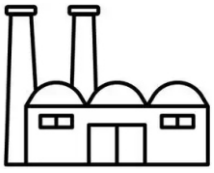


Air handling units

Data centers

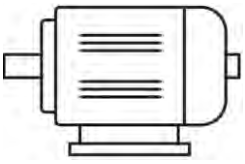


New Energy Power



Industrial Air Purification

Rail transit



Specialized Motor Thermal Management

Medical & Pharmaceutical Industries

Download the catalogue
Scan the QR code and download the full catalogue.

Focus on Green Technology

Create Fresh Space

Do you need more?

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