

# Ventilux

Certifications

Applus<sup>+</sup>



**Up-Blast Exhaust Fans**



- Airflow Range: 300~52,000 m<sup>3</sup>/h (176~30,588 CFM)
- Static Pressure Range: 100~700 Pa (0.4~2.81 in.WG.)
- Drive Types: Direct/ Belt drive
- Mounting Types: Rooftop
- Applications: Rooftop ventilation / Explosion proof air supply and exhaust / Smoke removal
- Certification: UL 705 / UL 783

**Plug / Plenum Fans**



- Nominal Size: 280 - 900 mm
- Motor Power max.: 18/45 kW
- Available in EC / AC / Squirrel cage Motors

**EC Fans**



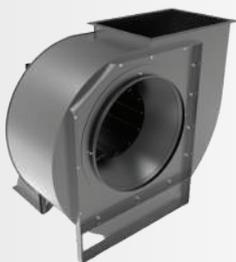
- Operational efficiencies up to IE5
- Air Volume range: 0-4,500 m<sup>3</sup>/h
- Static Pressure range: 0-700 Pa
- Operational temperature: -25 - 60
- Drive Type: EC Motor
- Applications: Air intake and exhaust, heat dissipation

**Cabinet Inline centrifugal Fan**



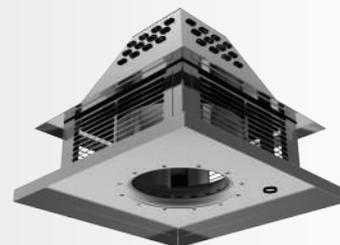
- Quiet Ventilation: Insulated acoustic cabinet for noise reduction.
- Efficient Operation: Removes heat, smoke, and odors.
- VIF Series: Direct drive, backward curved impellers (steel or aluminum).
- Temperature Handling: Operates up to 120°C.
- Compliance: Meets ISO 1940 / AMCA 204 for smooth operation.
- Size Range: Impeller diameters from 315mm to 710mm.

**400C / 2hr Fire Rated Fans**



- Airflow Range: 200~18,000 CFM
- Static Pressure Range: 75~2,000 Pa
- Drive Type: Direct type
- Certified by APPLUS
- Applications: Industrial ventilation / Explosion proof air exhaust / Kitchen fume exhaust
- Certification: UL 762 / UL 705 / UL 793

**Down Blast Centrifugal Fan**



- Airflow Range: 1,000~30,000 m<sup>3</sup>/h
- Drive Types: Direct / Belt drive
- Impeller Type: Backward Curved / Inclined
- Material: Aluminum / Steel / Galvanized Sheet
- Compliance: F400°C / 2 Hours
- Applications: Roof & wall-mounted, suitable for commercial & industrial use (e.g., schools, hospitals, offices).
- Certification: UL 705 / UL 783

**Cabinet Centrifugal Fan**



- Cabinet centrifugal fan designed for car park exhaust and fire-resistant applications.
- Penta post design and strong aluminum joints for a sturdy framework.
- Panels made of durable pre-painted galvanized sheet steel for protection.
- High-performance centrifugal impeller made from steel sheet, available in backward or forward curved options.
- Thoroughly tested, meets 400C/2hour performance criteria for reliable operation in extreme conditions.

**Inline Centrifugal Fan**



- Handles hot air up to 120 °C, even with grease (with grease filters) in challenging conditions.
- Ideal for ventilation in restaurant kitchens, café kitchens, industrial bakeries, and welding operations.
- Designed to eliminate contaminated air and gases from welding processes.
- Efficient ventilation in high-resistance conditions.
- Suitable for extracting grease-laden hot air in various settings, including restaurant kitchens, café kitchens, and industrial bakeries

**Inline Tube Axial Fan**



- Uses propeller blades for parallel airflow to the rotating shaft.
- Highly recommended for industrial and commercial sectors.
- Ideal for space-limited process applications.
- Generates large airflow volume in low-pressure conditions.
- Diverse applications: removes heat, smoke, and fumes, aids drying processes, and provides comfort and process cooling.
- Versatile for both supply and exhaust configurations.

**Inline Cabinet Fan**



- Impeller: Forward curved.
- Air Flow Range: 500 m<sup>3</sup>/h to 8500 m<sup>3</sup>/h.
- Static Pressure: Up to 500 Pa.
- Material: GI.
- Temperature Rating: 50degc.
- Dynamic Balancing: G2.5, statically and dynamically balanced according to ISO 1940 / AMCA 204 Performance: In compliance with AMCA 210 & 300 standards.
- Manufacturing Standards: ISO 9001 / 14001 / 45001.

**Centrifugal SISW / DIDW Fans**



- Airflow Range: 300~30,000 CFM
- Static Pressure Range: 136~1,400 Pa
- Drive Type: Belt/ Direct drive
- Mounting Types: Base Mount/ Ceiling Hung
- Applications: Commercial ventilation / Kitchen fume exhaust