



#### THE FLOWTECH GROUP

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AGENT :

Beyond the Peak, Remarkable Future



**FLOWTECH**  
**Fan Series**  
**Dampers Series**



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## Company Introduction



- This is a registered trademark of the Company, on behalf of the company's spirit and excellent product.
- Circular structure indicate that the company in the business development and strive to create harmony and a happy future, also making the company's products into the reputation of the highest worldwide.
- Surrounded by wind-shaped leaves, on behalf of the company integrity, service, quality, efficiency, operating spirit, which is the rhythm of the wind and the fans keep running, bring the company renewed the drive and fine refinement.
- Green said much longer current sustainable source of spirit, also stressed that environmental protection.
- Blue is the technical team and a symbol of administrative efficiency, and encourage employees to pursue sustainable development, innovation, entrepreneurship, leading to achieve the final goal.
- FLOWTECH indicate that the Company is technically in the fan is always leading, always advance.

FlowTech Co., Ltd. was established in the year 1989 , The headquarter in New Taipei City. For decades, the wealth of technical experience strong financial, and management systems, human resources, lean, tidy and excellent quality reputation. We providing the most advanced ventilation products, including high and normal temperature fans, smoke dampers, louvers, silencers and smoke curtains, its covers the applications ranging from residential, commercial, industrial, and public infrastructure user. We provide the fire engineering design, HVAC, construction and maintenance.

In addition to ISO 9001 international quality certification, FlowTech Co., Ltd., is also the first company to obtain AMCA and UL certified testing laboratory and ventilation products, with the ongoing revision of international standards revised to update and verify the maintenance management system, we also effort in full quality improvement by FlowTech Co., Ltd., as the results has won the recognition and trust of customers worldwide.

FlowTech Co., Ltd has now developed into business with the Public Works Department, Design Department, International Department of Management, Research and Development Division, TAF accredited laboratory, fan plants and wind pipe factories. The company produces a continuous high temperature of 400 degrees in 2 hours of fan operation, has achieved CE certification and ISO9001 certification, the Laboratory has reward the certification by the Taiwan Accreditation Foundation (TAF), it also evaluation through a number of products meet the certification requirements AMCA and UL safety performance certification requirements, our quality has been an international standard. In recent years, it's more active towards to the international goal with growth and stability in the world wide range of business.



### ◆ BAZ Series

#### Double Inlet Centrifugal Fan (With Airfoil Wheel) >>>

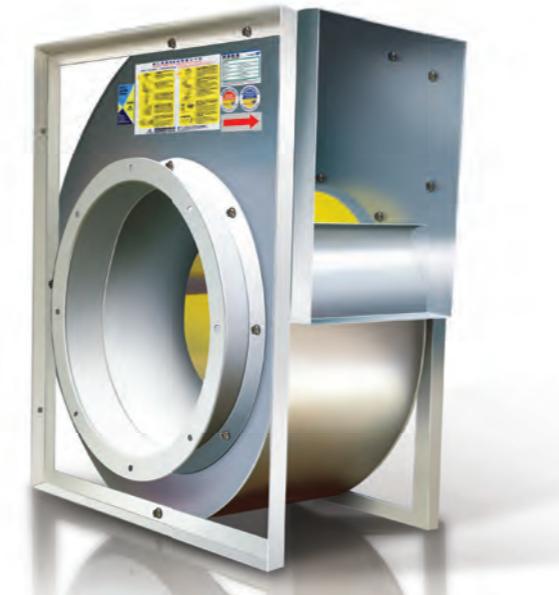
- Size : 355 to 2000 mm
- Full range of case made of carbon steel or galvanized steel plate
- Impeller blades for the wings, High aerodynamic efficiency
- Max. Air flow up to 817,200m<sup>3</sup>/h
- Max. Pressure up to 5200Pa



### ◆ BAE Series

#### Single Inlet Centrifugal Fan (With Airfoil Wheel) >>>

- Size : 355 to 2000 mm
- Full range of case made of carbon steel or galvanized steel plate
- Airfoil impeller blades, High aerodynamic efficiency
- Max. Air flow up to 408,600m<sup>3</sup>/h
- Max. Pressure up to 3500Pa



### ◆ BCZ Series

#### Double Inlet Centrifugal Fan (With Backward Inclined Wheel) >>>

- Size : 250 to 2000 mm
- Full range of chassis made of carbon steel or galvanized steel plate
- Impeller for the post-curved blade, carbon steel production
- Max. Air flow up to 576,000m<sup>3</sup>/h
- Max. Pressure up to 3000Pa



### ◆ BCE Series

#### Single Inlet Centrifugal Fan (With Backward Inclined Wheel) >>>

- Size : 250 to 2000 mm  
(355~2000 Certified by AMCA)
- Full range of chassis made of carbon steel or galvanized steel plate
- Impeller for the post-curved blade, carbon steel production
- Max. Air flow up to 288,000m<sup>3</sup>/h
- Max. Pressure up to 3500Pa



## ♦ ILF Series

### In Line Centrifugal Fan >>>

- Size : 355~1250(Belt Drive)
- Full range of impellers used aluminum or galvanized steel, carbon steel plate, stainless steel plate
- Fluid impeller design, high efficiency
- Max. Air flow up to 57,000m<sup>3</sup>/h
- Max. Pressure up to 600Pa



## ♦ LASD Series

### Low Pressure Axial Smoke-Exhaust Fan (With Cast Aluminum Airfoil Propeller) >>>

- Comply with the AMCA Certified Ratings Program, High efficiency, able to used Cast Aluminum Airfoil Propellers
- Used Galvanized Steel or Stainless Steel
- Time and Temperature classification 300°C / 2hr, 300°C / 1hr
- Certified by EN 12101-3 and BS 7346 part 2



## ♦ ASD Series

### Axial Direct Driven Fan >>>

- Size : 400~1,250mm
- Max. Air Flow up to 160,000m<sup>3</sup>/h
- Pressure up to 2000Pa
- Certified by EN 12101-3 and BS 7346 Part 2
- Time and Temperature classification 400°C / 2hr
- Used ventilete and Fume Extractor



## ♦ AD Series

### Axial Fan >>>

- Size : 400~2,000mm
- Used ventilete and exhaust air
- Max. Air Flow up to 350,000m<sup>3</sup>/h
- Pressure up to 1,200Pa



## ◆ TJF Series

### Tunnel ventilation Jet Fan >>>

- The aerodynamically shapes impellers, hubs and blades are made of cast aluminum alloy, the profile guarantees high efficiency and low noise. The blades of the pitch angle can be adjustable to optimum the duty point. The solidity varies for a wider with range of performance. All rotating aluminum components are X-ray examined to ensure quality and reliability
- Each wheel is statically and dynamically balanced to ISO 1940 or AMCA 204-G2.5
- Tunnel ventilation Jet Fan and accessories are made of galvanized, and treat with hot dipped galvanization. Besides of this the screw bolts, nuts, washers and spring washer is made by stainless steel
- The operation life of bearings is work more than 50,000 hours with the normal condition, and the tunnel Ventilation Fan attain to the level of 300°C/2hr



## ◆ TVF Series

### Tunnel Ventilation Fan >>>

- Size :  $\Phi$  1250~4000mm.
- For normal and high temperature ventilation of Tunnel
- Used Galvanized steel or stainless steel
- forward or reverse rotating direction



## ◆ INF Series

### Induced Flow Jet Fan >>>

- Lower operating cost Simple installation Reduce space for duct Aluminum aerofoil impeller, light weight, low moment of inertia, high efficiency, motor load not influenced by pressure
- Spin forming bell-shaped entrance - into amore smooth airflow and improve efficiency
- One-way external rotor motor (INF-300 type) – air less from motor obstacles, improve efficiency, better motor cooling, also greatly reduce the overall height



## ◆ RCL Series

### Roof Centrifugal Fan-Louver Type>>>

- Size : 250~1600(Belt Drive)
- Full range of case used aluminum or galvanized steel, carbon steel plate manufacturing
- Fluid impeller design, high efficiency
- Max. Air flow up to 115,500m<sup>3</sup>/h
- Max. Pressure up to 600Pa



**CUL US LISTED**  
POWER VENTILATOR  
45GD



## ◆ RCB Series

### Roof Centrifugal Fan >>>

- Size : 250~1600(Belt Drive)
- Full range of case used aluminum or galvanized steel, carbon steel plate manufacturing
- Fluid impeller design, high efficiency
- Max. Air flow up to 115,500m<sup>3</sup>/h
- Max. Pressure up to 600Pa



## ◆ KB Series

### Cabinet Centrifugal Fan >>>

- Impeller optional with forward or backward curved type The whole machine is galvanized steel, aluminum frame (except shaft, pulleys, motors, bearings outside)



## ◆ CF Series

### Ceiling Exhaust Fan >>>

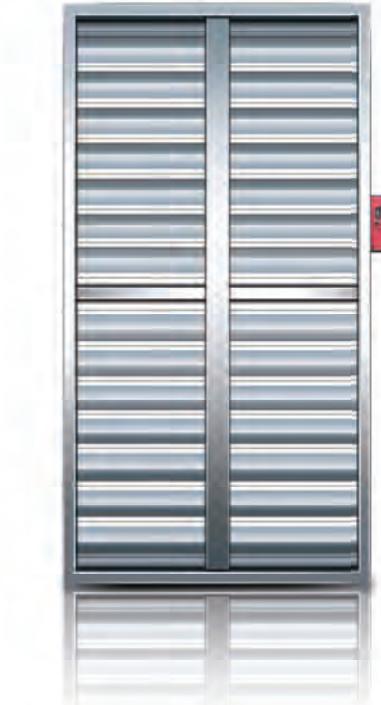
- Full range of the impeller used galvanized steel plate
- Fluid impeller design, high efficiency
- Three stage air flow variable speed control system



## ◆ HDD Series

### Heavy Duty Damper >>>

- Used constructed high quality galvanized steel with stainless steel moving parts. Enable the dampers to withstand adverse environmental condition, as well as prevent seizures
- Effectively seal by leakage, essential feature of smoke control, and prevent the safety
- Design by airfoil blades present very low resistance to airflow
- Certify by UL-555S and AMCA Certificate
- High resistance pressure, content more than 6,000 Pascal
- Heat resistance up to 300° in 60 minute
- Ensure the proper functioning with pneumatic or electric system



## ◆ SD Series

### Smoke Damper >>>

- UL 555S Ratings ; Maximum Dynamic Closure Velocity 2000fpm(10m/s)、Pressure 6.0in. WC(1.5kPa)
- Leakage Class I , Maximum Rating Temperature : 350F(177°C)
- Minimum Size : 8"x8"(203mmx203mm)  
Maximum Size : 36"x36"(914mmx914mm)



## ◆ FSD Series

### Fire Smoke Damper >>>

- UL 555 Ratings ; Maximum Dynamic Closure Velocity 2000fpm(10m/s)、Pressure 6.0in. WC(1.5kPa)
- Fire Resistance Rating : 3HR ; Leakage Class I ; Fuse Link : 160°F~350°F (71°C~177°C)
- Minimum Size : 12"x8"(305mmx203mm)  
Maximum Size : 36"x36"(914mmx914mm)



## ◆ FD Series

### Curtain Fire Damper >>>

- UL 555 Ratings
- Fire Resistance Rating : 3HR , Fuse Link : 160°F~350°F(71°C~177°C)
- Maximum Size : 36"x36"(914mmx914mm)



## ◆ FDB Series

### Blade Fire Damper >>>

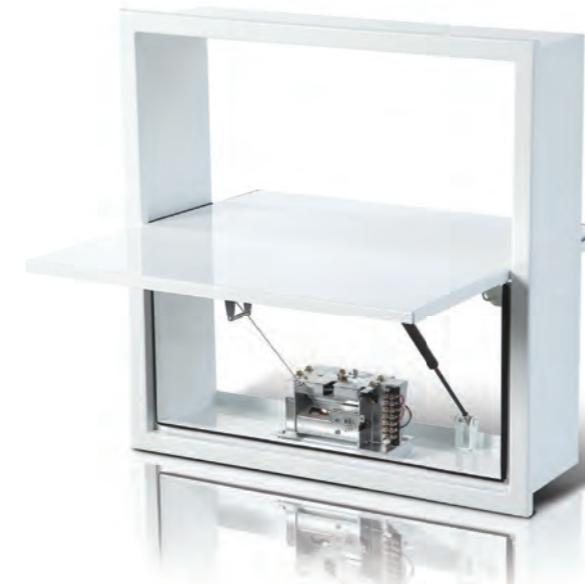
- UL 555 Ratings ; Maximum Dynamic Closure Velocity 2000fpm (10m/s)、Pressure 6.0in. WC(1.5kPa)
- Fire Resistance Rating : 3HR , Fuse Link : 160°F~350°F(71°C~177°C)
- Maximum Size : 36"x36"(914mmx914mm)



## ◆ CSD Series

### Ceiling Smoke Dampers >>>

- Maximum Dynamic Closure Velocity 2000fpm(10m/s) 、 Pressure 4.0 in. WC(1.0kPa)
- Leakage Class I
- Minimum Size : 12"×12"(300×300mm)  
Maximum Size : 48"×24"(1220×610mm)



## ◆ FLE Series

### Fixed Louvers With Extruded Aluminum >>>

- Over 15% Free Area Coefficient
- Architecturally styled hidden mullions allowing continuous line appearance
- Published performance ratings based on testing in accordance with AMCA Standard 500-L
- Used extruded aluminum 、 stainless steel
- Minimum size : 12"x12"(300mmx300mm)  
Maximum size : 71"x95"(1800mmx2400mm)



## ◆ ALE Series

### Acoustical Louvers With Extruded Aluminum >>>

- Over 10% Free Area Coefficient
- Architecturally styled hidden mullions allowing continuous line appearance
- Published performance ratings based on testing in accordance with AMCA Standard 500-L
- Used extruded aluminum 、 stainless steel
- Minimum size : 12"x24"(300mmx600mm)  
Maximum size : 71"x95"(1800mmx2400mm)



## ◆ ALA Series

### Acoustical Louvers With Airfoil Blade >>>

- Over 15% Free Area Coefficient
- Architecturally styled hidden mullions allowing continuous line appearance
- Published performance ratings based on testing in accordance with AMCA Standard 500-L
- Used galvanized wire steel 、 extruded aluminum 、 stainless steel
- Minimum size : 12"x16"(300mmx400mm)  
Maximum size : 66"x72"(1680mmx1630mm)



## ◆ WLE Series

### Wind-Driven Rain Louver >>>

- Published performance ratings based on testing in accordance with AMCA Standard 500-L.
- Used extruded aluminum for frame and blade
- Minimum size :  
8 in.(203 mm) W x 7 in.(178mm) H

Maximum size :  
72 in.(1829 mm) W. x 96 in.(2438 mm) H



## ◆ AT Series

### Actuator >>>

- For HVAC Applications and Smoke Control system
- Three Torque type : 7,13,20Nm
- Three voltage type  
AC115V / 50~60Hz  
AC230V / 50~60Hz  
DC24V for SELV Class 2 Power System
- UL Listed

