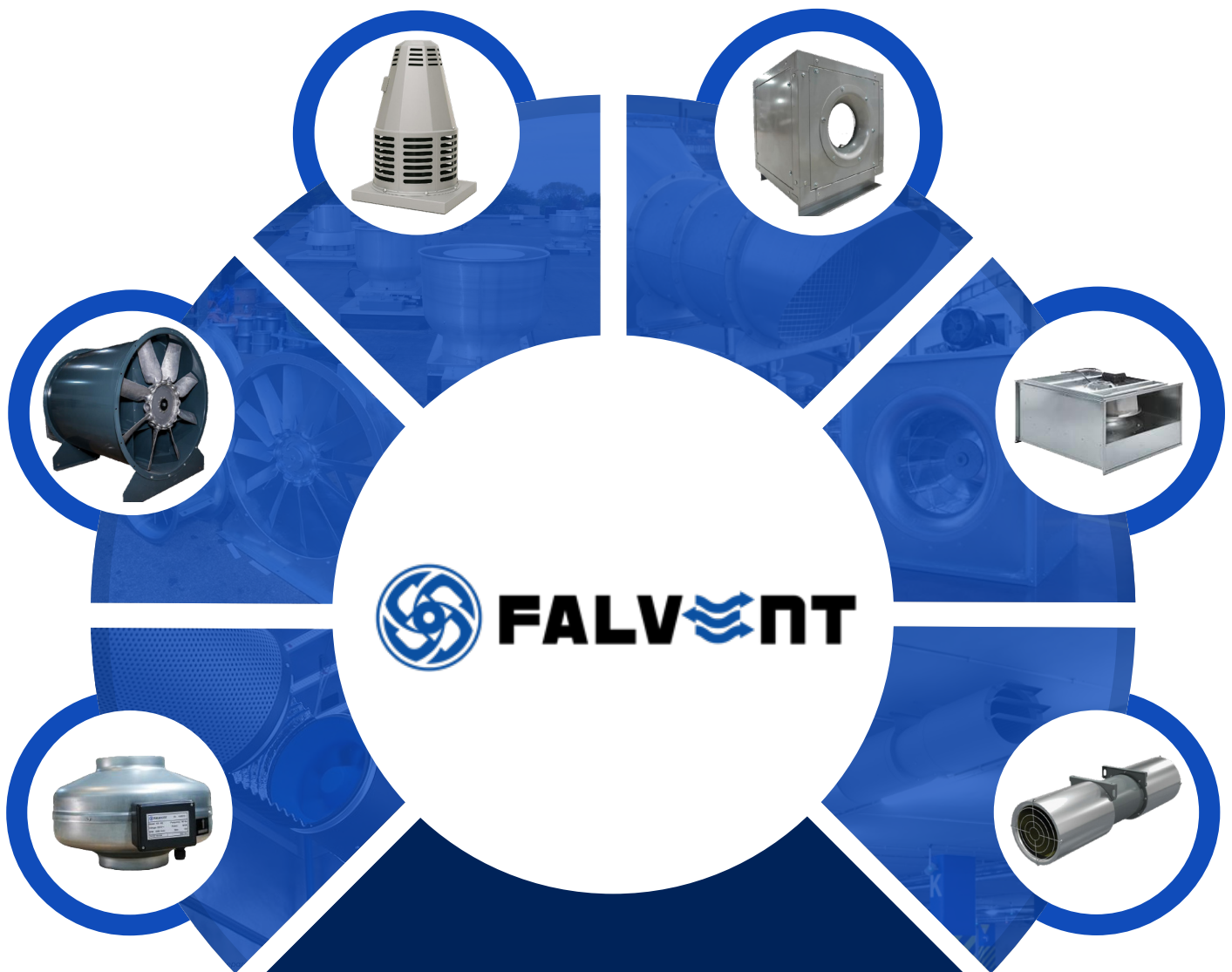


FALVENT PRODUCT OVERVIEW



Falvent Industrials is a leading provider of industrial ventilation solutions, specializing in the design and manufacturing of high-performance industrial fans.

AXIAL FANS

AXF AXIAL TUBE FAN



- Casings are constructed from a heavy gauge powder coated steel.
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 355 to 1600.
- Maximum air flow 184,000 m³/h.
- Suitable to operating temperature of up to +60°C.
- Speed controllable via frequency converter.

AXF F400 / F300 AXIAL TUBE SMOKE EXTRACT FAN



- Casings are constructed from a heavy gauge powder coated steel.
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 355 to 1600.
- Maximum air flow 184,000 m³/h.
- Dual use for continuous operation up to 60 °C conveyor temperature and certified for fire mode(F300&400°C/2hr)
- Speed controllable via frequency converter.

AXF O AXIAL TUBE FAN WITH OUTSIDE OF STREAM MOTOR



- Casings are constructed from a heavy gauge powder coated steel.
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 630 to 1600.
- Maximum air flow 184,000 m³/h.
- Operation up to 200 °C conveyor temperature.
- Speed controllable via frequency converter.

AXF EX AXIAL TUBE SMOKE WITH EXPLOSION PROOF MOTOR



- Casings are constructed from a heavy gauge powder coated steel.
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation, ATEX 2G certification, flameproof Ex db.
- Available in diameters from 355 to 1600.
- Maximum air flow 184,000 m³/h.
- Suitable to operating temperature of up to +60°C.
- Speed controllable via frequency converter.

AXF W SQUARE FRAME AXIAL FAN



- The Square Wall Plate Is Made of galvanized Steel with powder coating.
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 355 to 1000.
- Maximum air flow 68,000 m³/h.
- Suitable to operating temperature of up to +60°C.
- Speed controllable via frequency converter.

AWF SQUARE FRAME AXIAL FANS WITH EXTERNAL ROTOR MOTOR



- The Square Wall Plate Is Made of steel with powder coating.
- The Impeller is an Axial Type Made of coated steel, are dynamically balanced
- Protection grid against contacts.
- Available in diameters from 200 to 630.
- Maximum air flow 17,500 m³/h.
- Single-Phase Motor 220, 60hz & 3-Phase Motor 380v, 60hz.
- Degree Of Protection IP55 And Class Of Insulation F
- Working Temperature +60°C
- Standard Air Direction: Form (A) Configuration

AXF R AXIAL ROOF MOUNTED FAN

- Casings are constructed from a heavy gauge powder coated steel.
- Cap in painted steel sheet
- Impellers are manufactured from die-cast aluminum alloy, dynamically balanced.

- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 355 to 1000.



CENTRIFUGAL INLINE FANS

MPT CENTRIFUGAL BOX FAN WITH BACKWARD IMPELLER



- Casing consists of a frame manufactured from profiled steel, 4 double kin panels from coated steel with aluminum profile edging and 30 mm mineral wool insulation Inside.
- Backward curved strong impeller consists of powder coated steel plate, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 315 to 1000 mm.
- Maximum air flow 48,700 m³/h.
- Motor is mounted externally to the air stream enabling the fan to operate at working temperature up to 200 Deg C for continuous operation.
- Speed controllable via frequency converter.

MPF CENTRIFUGAL BOX FAN WITH FORWARD IMPELLER



- High performance centrifugal fans for in-line duct Installation. steel housing with galvanized finish.
- Forward impellers are manufactured from coated steel, dynamically balanced.
- Ac external rotor motor.
- Single-Phase Motor 220, 50/60h and 3-phase, 380V is available as option.
- Available in four sizes: 7/7, 9/9, 10/10 and 12/12.
- Maximum air flow 6,000 m³/h.
- Degree of protection IP 54 and class of insulation F.
- Working Temperature +80°

MPT F400 / F300 CENTRIFUGAL SMOKE EXTRACT BOX FAN WITH BACKWARD IMPELLER



- Casing consists of a frame manufactured from profiled steel, 4 double kin panels from coated steel with aluminum profile edging and 30 mm mineral wool insulation Inside.
- Backward curved strong impeller consists of powder coated steel plate, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 315 to 1000 mm.
- Maximum air flow 48,700 m³/h.
- Motor is mounted externally to the air stream.
- Dual use for continuous operation up to +200 °C conveyor temperature and certified for fire mode(F300&400°C/2hr).
- Speed controllable via frequency converter.

KSR CENTRIFUGAL RECTANGULAR DUCTED FAN



- Casings are constructed from powder coated steel with flanges on both sides.
- Impellers are manufactured from galvanized or aluminum, dynamically balanced.
- Ac external rotor motor.
- Single-Phase Motor 220, 50/60h
- Degree of protection IP 44 and class of insulation F.
- Working Temperature +80°

KS CENTRIFUGAL CIRCULAR DUCTED FAN

- Casings are constructed from powder coated steel.
- Impellers are manufactured from galvanized or plastic, dynamically balanced.
- Available in diameters from 100 to 400 mm.
- Maximum air flow 2,500 m³/h.
- Ac external rotor motor.
- Single-Phase Motor 220, 50/60h
- Degree of protection IP 44 and class of insulation F.
- Working Temperature +60°



CENTRIFUGAL ROOF FANS

DHR CENTRIFUGAL ROOF FAN



- Casing consists of coated steel with square base and cap.
- Backward curved strong impeller consists of powder coated steel plate or aluminum alloy, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 315 to 710 mm.
- Maximum air flow 28,800 m³/h.
- Motor is mounted externally to the air stream enabling the fan to operate at working temperature up to 200 Deg C for continuous operation.
- Speed controllable via frequency converter.

DVR CENTRIFUGAL UP BLAST



- Housing is made of weather-resistant aluminum.
- High-efficiency inlet venturi. Junction box on the housing.
- Roof (Curb Mount). Direct drive backward centrifugal impeller made of aluminum.
- Working at temperature +160°C.
- Drain tray to ensure controlled drainage.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3 and single-phase motor is available.
- Degree of protection IP 55. Class of insulation F.
- Speed adjustment is possible. Motor out of airstream.

DHR F400/F300 CENTRIFUGAL SMOKE EXTRACT ROOF FAN



- Casing consists of coated steel with square base and cap.
- Backward curved strong impeller consists of powder coated steel plate, dynamically balanced.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 315 to 1000 mm.
- Maximum air flow 28,700 m³/h.
- Motor is mounted externally to the air stream.
- Dual use for continuous operation up to +200 °C conveyor temperature and certified for fire mode (F300&400°C/2hr).
- Speed controllable via frequency converter.

DHR A CENTRIFUGAL DOWN BLAST FAN



- Housing is made of weather-resistant aluminum.
- High-efficiency inlet venturi. Junction box on the housing.
- Air down toward the fan base. Direct drive backward centrifugal impeller made of aluminum.
- Working at temperature +160°C.
- Drain tray to ensure controlled drainage.
- Three Phase asynchronous TEFC motor, IEC standard motors in IE3 and single-phase motor is available.
- Degree of protection IP 55. Class of insulation F.
- Speed adjustment is possible. Motor out of airstream.

DHS CENTRIFUGAL ROOF FAN WITH EXTERNAL ROTOR MOTOR

- Casings are constructed from powder coated steel
- Impellers are manufactured from galvanized or aluminum, dynamically balanced.
- Ac external rotor motor.
- Single-Phase Motor 220, 60hz & 3-Phase Motor 380v, 60hz.
- Degree of protection IP54 and class of insulation F.
- Working Temperature +70°C



UNDERGROUND VENTILATION FANS

CFC AXIAL IMPULSE JET FAN



- Casing is made of heavy carbon steel. with epoxy paint protective coating.
- Provided with an adjustable bench that allows a wide range of motors to be installed.
- The silencers are placed on both sides of the fan casing and made with 70kg/m3 density rockwool and manufactured using perforated plate inside.
- Protection guard for inlet and deflector in the outlet.
- Impeller made of aluminum alloy, dynamically balanced.
- Three Phase asynchronous, two speed, TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in four sizes 315,355, 400 and 450mm diameter.
- Smoke removal system: 300°/120min, 400°/120min.
- Dual purposes: use for general ventilation and for smoke extraction in underground car parks.

CFC T TUNNEL AXIAL JET FAN



- Casing is made of heavy carbon steel with epoxy paint protective coating.
- Provided with an adjustable bench that allows a wide range of motors to be installed.
- The silencers are placed on both sides of the fan casing and made with 70kg/m3 density rockwool and manufactured using perforated plate inside.
- Protection guard for inlet and deflector in the outlet.
- Impeller made of aluminum alloy, dynamically balanced.
- Three Phase asynchronous, two speed, TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in diameters from 500 to 1600mm
- Smoke removal system: 300°/120min, 400°/120min.
- Dual purposes: use for general ventilation and for smoke extraction in the underground tunnel

CPC CENTRIFUGAL INDUCTION JET FAN



- Housing is made of aluminum, in weight-optimized design for horizontal installation.
- Aerodynamically impeller in welded construction with easy to assemble, proven taper-lock clamping bushing system. Powder-coated surfaces guarantee corrosivity.
- Due to the low height of the casing the fan is recommended for use in a low-ceilinged room.
- The protecting grille on the intake side prevents ingress of foreign objects into the fan.
- Deflector plates on the exhaust side of the fan ensure correct air flow distribution.
- Ceiling mounting and fixation by means of the supplied fixing brackets.
- Three Phase asynchronous, two speed, TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in four sizes 450,500 and 560mm diameter. to
- Smoke removal system: 300°/120min, 400°/120min.
- Dual purposes: use for general ventilation and for smoke extraction in underground car parks.

AXF T TUNNEL AXIAL FAN



- Casing is made of heavy carbon steel.
- Blades and hub are made of cast aluminum, dynamically balanced
- Double-stage (impellers) axial fan in counter-rotating design (spin in opposite directions).
- Impeller made of aluminum alloy, dynamically balanced.
- Three Phase asynchronous, two speed, TEFC motor, IEC standard motors in IE3, IP55 protection, Class F insulation.
- Available in Sizes up to 3000 mm diameter.
- Mounting support included.
- Smoke removal system: 300°/120min, 400°/120min.
- Dual purposes: use for general ventilation and for smoke extraction in the underground tunnel.

EC FANS

Falvent develops highly efficient ventilation solutions. With exceptional aerodynamic efficiency and brushless DC motors, our systems deliver superior overall performance, particularly in partial load conditions. EC motors, featuring permanent magnets, use electronic rather than mechanical commutation. Their integrated electronics convert AC mains voltage into DC voltage via a rectifier, reducing winding temperatures and minimizing energy losses. This results in a longer lifespan for EC motors.

Compared to conventional AC motors, EC motors consume significantly less power for the same airflow. Our EC fans offer even greater energy savings in partial load operation or controlled modes, where efficiency losses remain minimal compared to AC fans of similar capacity. This advanced technology enables smooth, silent, and precise speed control, ensuring optimal performance.

AWF EC SQUARE FRAME AXIAL FANS WITH EC MOTOR



- The Square Wall Plate Is Made of steel with powder coating.
- The Impeller is an Axial Type Made of coated steel, are dynamically balanced
- Protection grid against contacts.
- Available in diameters from 200 to 630.
- EC motor and Integrated electronic.
- Degree Of Protection IP 44 And Class Of Insulation F
- Working Temperature +60°
- Standard Air Direction: Form (A) Configuration

DHS EC CENTRIFUGAL ROOF FAN WITH EC MOTOR



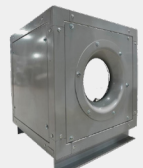
- Casings are constructed from powder coated steel
- Impellers are manufactured from galvanized or aluminum, dynamically balanced.
- EC motor and Integrated electronic.
- Single-Phase Motor 220, 60hz & 3-Phase Motor 380v, 60hz.
- Degree of protection IP54 and class of insulation F.
- Working Temperature +70°C

KSR EC CENTRIFUGAL RECTANGULAR DUCTED FAN WITH EC MOTOR



- Casings are constructed from powder coated steel with flanges on both sides.
- Impellers are manufactured from galvanized or aluminum, dynamically balanced.
- EC motor and Integrated electronic.
- Single-Phase Motor 220, 50/60h
- Degree of protection IP 44 and class of insulation F.
- Working Temperature +60°

MPT EC CENTRIFUGAL BOX FAN WITH EC MOTOR



- Casing consists of a frame manufactured from profiled steel, 4 double kin panels from coated steel with aluminum profile edging and 30 mm mineral wool insulation Inside.
- Backward curved strong impeller consists of powder coated steel plate, dynamically balanced.
- EC motor and Integrated electronic.
- IP55 protection, Class F insulation.
- Available in diameters from 315 to 630 mm.
- Maximum air flow 22,200 m³/h.
- Working Temperature +6

KS CENTRIFUGAL CIRCULAR DUCTED FAN WITH EC MOTOR

- Casings are constructed from powder coated steel.
- Impellers are manufactured from galvanized or plastic, dynamically balanced.
- Available in diameters from 100 to 400 mm.
- EC motor and Integrated electronic.



DOMESTIC PLASTIC FANS

KP IN-LINE MIXED FLOW FAN



- Axial inline mixed-flow fans are designed for supply/exhaust ventilation systems of residential and public buildings.
- Housing, a central part with the motor, impeller and implemented terminal box, is detachable and allows easy maintenance.
- Fix the nozzle parts with hose clamps.
- Available in diameters from 100, 150 and 200 mm.
- Maximum air flow 1,100 m³/h.
- Two-speed single-phase ball-bearing motor with an extended service life.
- Cutout overheating protection and automatic reset.
- Horizontal and vertical installation.
- Fixing to the mounting surface is done with screws.

WF AXIAL WALL FAN



- Exhaust fans for wall application.
- For mounting into ventilation shafts or junction with air ducts.
- Low noise ball-bearing motor with an extended service life (up to 40000 hours of continuous operation).
- Two-speed single-phase ball-bearing motor with an extended service life with IP 24.
- IP24 Ingress protection rating for electrical equipment.
- Available in three sizes: 100, 125 and 150 mm flange diameter and connected with duct or flexible hose of the same diameter.
- Available in white and matt black versions complete with grill or flat panel front.
- Removable front plate for easy cleaning.

CPF CENTRIFUGAL CASSETTE CEILING FAN



- The Casing is made of high-quality durable plastic.
- The clip-on plastic grille ensures easy mounting and cleaning of the fan.
- The centrifugal impeller has forward curved blades for high pressure and low noise.
- Single phase efficient quiet ball bearing motor mounted in silent-elastic-blocks which absorb the vibration and allow offering very low noise level.
- Available in diameters from 100 and 150 mm.
- CFM series with metal body and panel, caseing powder coated, perfect performance for anti-rust and fire proof and safer for use.

GF AXIAL GLASS MOUNT FAN



- Exhaust fan for mounting directly into the glass windows for mounting into 3-7mm thick surfaces.
- Equipped with a protective back draught shutter to prevent air movement when the device is not operating
- Back-draught shutter and the fan's actuation are controlled with a pull-cord switch.
- IPX4 Ingress protection rating for electrical equipment.

CWF DAUL CEILING/WALL FAN

- This innovative fan is designed to function as both a wall-mounted and ceiling-mounted unit, offering maximum flexibility for different spaces. Whether installed on the wall or the ceiling, it provides efficient air circulation to ensure comfort in any environment.
- Fits for ceiling mounting, back-draught shutter must be removed).



FALVENT

YOUR BREATHE BETTER WITH OUR VENTILATION FAN



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