FAN&BLOWER
BUSINESS UNIT

CATALOGUE

EuroVent Norvax CompAir Elmo Rietschle

Facilities

FAN & BLOWER
BUSINESS UNIT

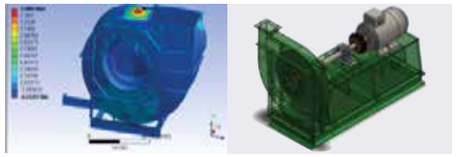
Fan & Blower Division is responsible to importing and manufacturing pre-engineered, heavy duty fans and blowers for over 48 years. Our vast experience has allowed us to expand and utilize the latest technology to provide with leading industrial products and the best services.

Our products are recognized in the market for their premium industrial quality and ability to serve a variety of industries and applications. We have the resources, the facilities, the technology, and most importantly a team dedicated to continual product improvement and the consistent capability of resolving issues with new innovative solutions.

เราเป็นผู้ผลิตและนำเข้าพัดลม โบลเวอร์ สำหรับการใช้งานในทุกรูปแบบ ไม่ว่าจะเป็นพัดลมที่ออกแบบเป็นมาตราฐานไว้แล้ว หรือพัดลมที่ออกแบบเป็นพิเศษ สำหรับใช้งานเฉพาะทาง ด้วยประสบการณ์มากกว่า 48 ปี เราได้พัฒนา ปรับปรุง สินค้าและกระบวนการผลิต โดยใช้เทคโนโลยีอันทันสมัย เพื่อที่จะเป็นผู้นำในการผลิตพัดลม และผู้นำในการบริการ

ปัจจุบัน สินค้าของเราได้เป็นส่วนหนึ่งในธุรกิจ และอุตสาหกรรมชั้นนำมากมายทั้งในประเทศและต่างประเทศ เช่น กลุ่มอุตสาหกรรมอาหาร เหล็ก ปูนซีเมนต์ พลังงาน การเกษตร สิ่งทอ ยานยนต์ และกลุ่มผู้ผลิตเครื่องจักรชั้นนำ เป็นต้น

Engineering Innovation



- Computational Fluid Dynamic
- Finite Element Analysis
- 3D Design

Production Technology

- Welding Technology
- Assembly Technology
- Fans design Technology
- Welding Quality Control
- Balancing Technology
- Febrication Technology

Productions Quality & Standard

- Performance Testing JIS B8330 ,ISO
- Vibration ISO 10816-3, ISO 14694
- Balance ISO1940, G6.3 – G1
- Noise ISO 3740-3744-3746-13347

CENTRIFUGAL FANS

LR Series
Single Inlet backward (Direct drive)

- Air Volume : 22 - 1,600 m^3/min
- Static Pressure : 10 - 390 mm H_2O
- Impeller Diameter : 350 - 1,000 mm.

LRb Series
Single Inlet backward (Belt drive)

- Air Volume : 26 - 6,200 m^3/min
- Static Pressure : 30 - 400 mm H_2O
- Impeller Diameter : 400 - 2,000 mm.

LRDb Series
Double Inlet Backward (Belt drive)

- Air Volume : 100 - 5,000 m^3/min
- Static Pressure : 22 - 350 mm H_2O
- Impeller Diameter : 500 - 1,400 mm.

LP Series
Single Inlet forward (Direct drive)

- Air Volume : 3 - 335 m^3/min
- Static Pressure : 15 - 225 mm H_2O
- Impeller Diameter : 160 - 500 mm.

LPb Series
Single Inlet forward (Belt drive)

- Air Volume : 7 - 3,600 m^3/min
- Static Pressure : 30 - 220 mm H_2O
- Impeller Diameter : 250 - 1,000 mm.

CENTRIFUGAL FANS

MO Series
Single Inlet backward (Direct drive)

- Air Volume : 6 – 1475 m^3/min
- Static Pressure : 60 – 700 mm H_2O
- Impeller Diameter : 250 - 1400 mm.

MOb Series
Single Inlet backward (Belt drive)

- Air Volume : 20 – 4500 m^3/min
- Static Pressure : 90 - 800 mm H_2O
- Impeller Diameter : 310 - 2000 mm.

MR Series
Single Inlet backward (Direct drive)

- Air Volume : 23 - 1,757 m^3/min
- Static Pressure : 124 - 894 mm H_2O
- Impeller Diameter : 400 - 1,400 mm.

MRb Series
Single Inlet backward (Belt drive)

- Air Volume : 40 - 2,300 m^3/min
- Static Pressure : 100 - 800 mm H_2O
- Impeller Diameter : 400 - 2,000 mm.

MP Series
Single Inlet backward (Direct drive)

- Air Volume : 6 – 112 m^3/min
- Static Pressure : 150 – 600 mm H_2O
- Impeller Diameter : 350 - 560 mm.

MPb Series
Single Inlet backward (Belt drive)

- Air Volume : 5.5 – 150 m^3/min
- Static Pressure : 40 - 700 mm H_2O
- Impeller Diameter : 350 - 560 mm.

CENTRIFUGAL FANS

MN Series
Single Inlet backward (Direct drive)

- Air Volume : 6 - 1,100 m^3/min
- Static Pressure : 25 - 550 mm H_2O
- Impeller Diameter : 220 - 1,100 mm.

MNb Series
Single Inlet backward (Belt drive)

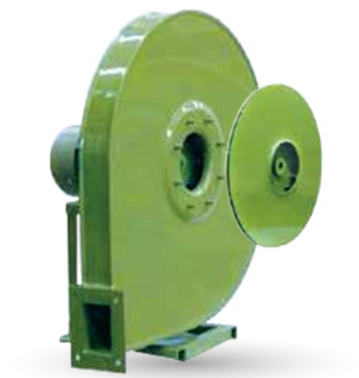
- Air Volume : 21.66 - 2,416.66 m^3/min
- Static Pressure : 50 - 550 mm H_2O
- Impeller Diameter : 220 - 2,000 mm.

TRF, TRG, TRH Series
Single Inlet backward (Direct drive)

- Air Volume : 12 - 800 m^3/min
- Static Pressure : 355 - 1,950 mm H_2O
- Impeller Diameter : 500 - 1,000 mm.

TRFb, TRGb, TRHb Series
Single Inlet backward (Belt drive)

- Air Volume : 9.5 - 2,400 m^3/min
- Static Pressure : 350 - 2,380 mm H_2O
- Impeller Diameter : 630 - 1,800 mm.



TFE, TFF, TFG Series
Single Inlet radial tipped (Direct drive)

- Air Volume : 10 - 125 m^3/min
- Static Pressure : 450 - 1,760 mm H_2O
- Impeller Diameter : 500 - 900 mm.

TFEb, TFFb, TFGb Series
Single Inlet radial tipped (Belt drive)

- Air Volume : 10 - 180 m^3/min
- Static Pressure : 353 - 1,850 mm H_2O
- Impeller Diameter : 500 - 1,000 mm.

CENTRIFUGAL FANS

CQ Series
Single Inlet radial (Direct drive)

- Air Volume : 45 – 315 m^3/min
- Static Pressure : 110 – 300 mm H_2O
- Impeller Diameter : 630 - 900 mm.

CA Series
Single Inlet radial (Direct drive)

- Air Volume : 8 - 110 m^3/min
- Static Pressure : 46 - 340 mm H_2O
- Impeller Diameter : 220 - 450 mm.

CAb , CRb Series
Single Inlet radial (Belt drive)

- Air Volume : 20 - 2,000 m^3/min
- Static Pressure : 90 - 500 mm H_2O
- Impeller Diameter : 560 - 1,600 mm.

CF , CG Series
Single Inlet radial (Direct drive)

- Air Volume : 3 – 250 m^3/min
- Static Pressure : 255 – 1,310 mm H_2O
- Impeller Diameter : 500 - 1,000 mm.

CFb , CGb Series
Single Inlet radial (Belt drive)

- Air Volume : 3 – 380 m^3/min
- Static Pressure : 180 - 1,200 mm H_2O
- Impeller Diameter : 500 - 1,000 mm.

ACCESSORIES

Damper

Dampers used in conjunction with centrifugal fans provide a simple, reliable and cost effective means for controlling air systems. Complimenting its centrifugal fan line. Eurovent has an extensive offering of control and isolation dampers for commercial and industrial applications.

Inlet Butterfly Damper
Diameter : 140 – 1120 mm.

Inlet Circular Damper
Diameter : 280 – 2000 mm.

Inlet Louver Damper
Dimension : 280 x 2000 mm.

Outlet Damper
Dimension : 90 x 63 mm.
Up to 2000 x 1400 mm.

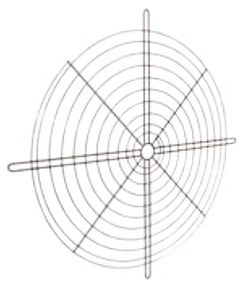
Outlet Expansion Joint
Dimension : 140 x 2000 mm.

Inlet Expansion Joint
Dimension : 90 x 63 mm.
Up to 2000 x 1400 mm.

Flex Connection and Silencer

We offers a wide variety of silencer solutions and flex connectors for its fans and blowers. Silencers have been designed specifically for Eurovent products. They have been rated for acoustic attenuation with air flowing through them. Flexible connectors are sized and selected properly to fit in your specific system. We are able to evaluate gas-stream composition, velocity, and temperature to select the proper flex connector for your application.

Silencer and Filter
Diameter : 160 – 1400 mm.



Protection Net
Diameter : 220 – 2000 mm.

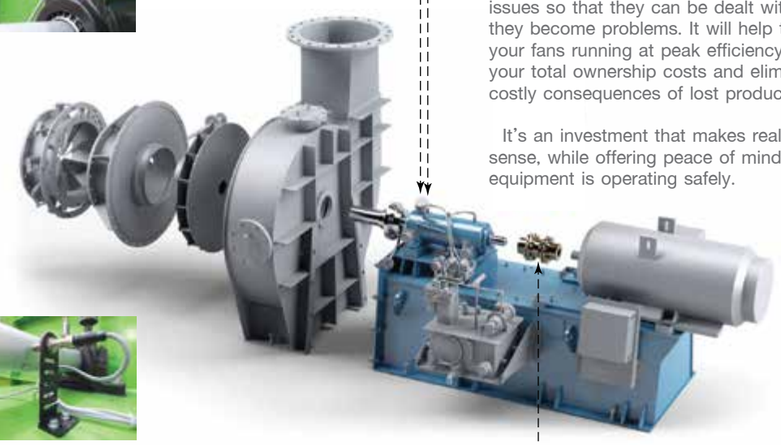
EuroVent
ACCESSORIES

Vibration Isolator

Isolation equipment is more important than ever when considering the trends towards lighter construction of modern buildings and the increasing use of mechanical equipment. In addition, the fact that building owners and occupants are more sensitive to vibration related problems makes proper selection and installation of isolation equipment extremely important.

Smart Lubricant Auto feed

Smart Temperature and Vibration Analysis



Smart Speed Analysis

Intelligent Monitoring

Actually fans are an essential part of your production processes, but they shouldn't be a time-consuming part of your working day.In an ideal world, they just keep running, reliably and taken for granted. But the gamble that everything's fine under the casing has high stakes. Such assumptions can be costly.

The IMS Eurovent monitoring system is suitable for fans of all types. It will give you peace of mind about what's happening inside your fans, and provide an early warning of issues so that they can be dealt with before they become problems. It will help to keep your fans running at peak efficiency, reduce your total ownership costs and eliminate the costly consequences of lost production.

It's an investment that makes real economic sense, while offering peace of mind that your equipment is operating safely.

CUSTOMIZE FANS

Boiler Fan

Eurovent fan was designed specifically for demanding heavy-duty applications, including hot gasses and fumes, induced draft, process exhaust and light concentrations of solids in a variety of industries.

We combine the advantages of the radial and backward inclined blades and replace the traditional light-duty exhauster with a more rugged, longer life span. It will handle moderate to high pressures and temperatures and has a high static efficiency. Induced Draft fans Secondary air fans Forced Draught fans Gas recirculation fans Primary air fans

Heavy Duty Fan

Eurovent offers a full family of airfoil and backwardly curved fan designs with overlapping performance envelopes. To maintain high efficiency and maximum economy, the system's pressure and flow requirements are matched to one of eleven wheel designs with varying rotor widths and diameters.

The selected fan is then sized to exact duty requirements. No more, no less. Wheels are available with either Eurovent's proven hollow airfoil blades for clean air, or solid backward curved or backward inclined blades for dusty, dirt applications. With eleven rotor designs, custom sizing and duty matching blades.

Chemical Fan

Fiberglass Reinforced Plastic Fans are designed for ventilation and industrial process applications where corrosive fumes may be present in the airstream and/or surrounding atmosphere. All fan parts exposed to the airstream are constructed of high-quality, corrosion-resistant fiberglass reinforced plastic and have the the ability to handle varying volumes and pressures

Special Design Fans

Eurovent can design and manufacture fans that both of the special designed and use in specific such as Ventilation Paddy,

Special design fans are produced for Ventilation and Drying.Ours fan have various size of fan ranging from 10 HP to 60 HP (more than). Our well-designed fan can improve high performance flow and pressure. Our standing structure is durable, Epoxy color that rust proof and convenient to move

EuroVent

CUSTOMIZE FANS

Non Spark Fan

From petroleum refining to chemical production, Eurovent Blower provides high quality pre-engineered and customized heavy duty fans that meet the strict requirements in the petrochemical industry. Several applications require fans for heating processes such as flare stacks, fired heaters, burner systems. In addition to heating systems, fans are also used in pollution control systems like scrubbers and thermal oxidizers within the petrochemical industry. Even in extreme operating conditions, all of our fans are up and running with proper environmental coatings, specialty bearings, and seals to meet industry standards.

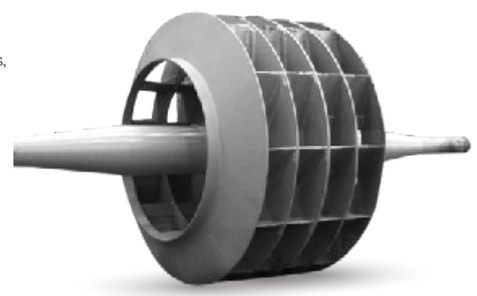
Double Stage High Pressure Fan

Eurovent double stage fans use for the suction of clean and dusty air. These types of fans with doubles stage, are characterized by a high output which allows a certain saving of electric power; by using special types of fan wheels with inverted blades (negative).

They are used for giving oxygen to impure waters, for pneumatic conveyances, in cement factories, in the mills, in dye works (for the quick drying wool), in ceramic factories (for the pneumatic cleaning of the rooms), in chemical, iron and metallurgical industries where small and medium capacities with very high pressure are required.

Retrofit Impeller

All fans can be modified to run more efficiently in a variety of ways, including tipping/de-tipping the fan blades and changing the fan blade design. More designs available to cover every permutation of pressure and volume likely to be required, at temperatures of up to 450°C. The narrower fans at the lower flow end of the range are fitted with parallel shrouds to give greatest stability of performance, while the wider models have tapering, high-strength shrouds designed to prevent stall. Partial or full liners of abrasion-resistant steel, chromium or tungsten carbide can be fitted, and stainless steel liners are also available for scrubber applications.



Plug Fan

Eurovent's plug fans, with backward-inclined or curve centrifugal wheels, are designed to provide efficient and reliable operation for dryer and furnace applications.They are suitable for supply, exhaust, or recirculation systems.

In most instances, plug fans are unhoused and rely on the plenum space around the wheel to direct airflow as required in the system. This style of fan is designed with the motor, bearings, and drives out of the airstream, heating insulation, which allows for use in clean, contaminated, or high temperature systems.

AXIAL FANS

Axial fan with belt drive ALc Series

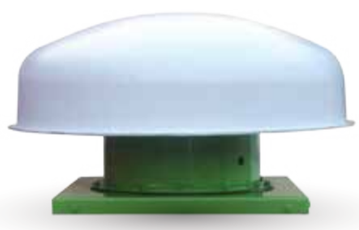
- Air Volume : 60 - 1,100 m^3/min
- Static Pressure : 4 - 70 mm H_2O
- Impeller Diameter :400 - 1,000 mm.
- Impeller Material : PAG Max 120˚C
  PPG Max 80˚C
  Aluminium Max 300˚C

Axial fan with direct drive AM-AL Series

- Air Volume : 15 - 1,750 m^3/min
- Static Pressure : 2 - 110 mm H_2O
- Impeller Diameter : 315 - 1,250 mm.
- Impeller Material : PAG Max 120˚C
  PPG Max 80˚C
  Aluminium Max 300˚C

Plate fan PL Series

- Air Volume : 15 - 933 m^3/min
- Static Pressure : 2 - 110 mm H_2O
- Impeller Diameter : 315 - 1,000 mm.
- Impeller Material : PAG Max 120˚C
  PPG Max 80˚C
  Aluminium Max 300˚C



Roof fan RF Series

- Air Volume :75 - 597 m^3/min
- Static Pressure : 2 - 55 mm H_2O
- Impeller Diameter : 400 - 1,000 mm.
- Impeller Material : PAG Max 120˚C
  PPG Max 80˚C
  Aluminium Max 300˚C

AGRICULTURE FANS

Exhaust and Supply Fans

- Impeller Diameter : 30”, 36”, 50”
- Flow Rate : up to 40850 m/hrz
- Motor : Single or three phase
- Impeller Type : Stainless Steel, Galvanize

MODEL	MOTOR (kW)	AIR VOLUME (cmh.)	DIMENSION (mm.)		
			WIDE	LONG	THICK
AF-30	0.37	13,450 - 15,600	952	952	400
	0.55	13,950 - 16,250			
AF-36	0.37	16,900 - 19,800	1082	1082	400
	0.55	18,700 - 22,300			
AF-50	0.75	29,800 - 36,600	1370	1370	400
	1.1	34,500 - 40,850			

Drum Fans

- Air Volume : 13,000 - 40,000 cmh
- Static Pressure : 0.37 - 0.75 kW
- Air Distance : 20 - 40 M.
- Smashingly Durable
- Quiet Operation
- Easy to Move
- 20˚ Adjustable Angel

Application

- Ware House
- General Industrial
- Restaurant Hotel Resort
- Stadium Gymnasium School Canteen
- Outdoor Area

HVAC FANS

DFB Series

- Double inlet Belt Drive
- Forward curve
- Impeller Diameter : 200 – 1,000 mm.
- Flow rate up to 100,000 m^3/hr
- Static Pressure up to 150 mmWG

SBB Series

- Single inlet Belt Drive
- Backward curve
- Impeller Diameter : 200 – 1,000 mm.
- Flow rate up to 60,000 m^3/hr

DBB Series

- Double inlet Belt Drive
- Backward curve
- Impeller Diameter : 200 – 1,000 mm.
- Flow rate up to 120,000 m^3/hr
- Static Pressure up to 250 mmWG

SFB Series

- Single inlet Belt Drive
- Forward curve
- Impeller Diameter : 200 – 1,000 mm.
  and bigger size on request
- Flow rate up to 50,000 m^3/hr
- Static Pressure up to 150 mmWG

ALUMINIUM FANS

MA Series
Aluminium Medium Pressure Blowers

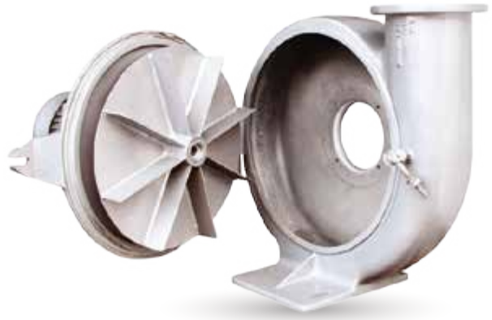
- Air Volume : 2.5 - 120 cmm.
- Static Pressure : 500 – 9,800 Pa.

MSR Series (Radial Blade)
Aluminium Medium Pressure Blowers

- Air Volume : 5 - 60 cmm.
- Static Pressure : 500 – 6,750 Pa.

MAb Series
Aluminium High Pressure Blowers

- Air Volume : 2.5 - 95 cmm.
- Static Pressure : 500 – 16,800 Pa.



MAb Bio Gas Series
Aluminium High Pressure Blowers

- Air Volume : 2.5 - 95 cmm.
- Static Pressure : 500 – 16,800 Pa.

COMPRESSOR & VACUUM BLOWER

Norvax

Ring Blower Single Stage

- Air Volume : 0.66 – 8.33 m^3/min
- Static Pressure : 70 - 400 bar
- Static Suction : 60 - 340 mbar
- Motor 0.2 kw – 8.6 kw.

Ring Blower Double Stage

- Air Volume : 1.4 – 15 m^3/min
- Static Pressure : 240 - 400 bar
- Static Suction : 210 - 400 mbar
- Motor 0.7 kw – 7.5 kw.

Roots Blower Compressor, Vacuum System

- Air Volume : 0.11 – 165 m^3/min
- Pressure : 100 - 800 mbar

Elmo Rietschle

A Gardner Denver Product

Liquid Ring

- 10 to 950 m^3/hr
- Pressure to 2.6 bar G
- Vacuum to 33 mbar A

Screw

- 80 to 720 m^3/hr
- Vacuum to 0.05 mbar A

Claw

- 60 to 1,200 m^3/hr
- Pressure to 2.2 bar G
- Vacuum to 66 mbar A

Rotary Vane

- 10 to 1,500 m^3/hr
- Pressure to 1.5 bar G
- Vacuum to 0.1 mbar A

Rotary Lobe

- 12 to 8,500 m^3/hr
- Vacuum to 0.01 mbar A

AIR COMPRESSOR

CompAir

L Series oil lubricated

Screw compressors
Pressure 5 - 13 bar
FAD 0.2 - 41.0 m^3/min
Power 2.2 - 250 kw.

DH Series oil Free water - injected

Screw compressors
Pressure 5 -10 bar
FAD 2.3 - 18.6m^3/min
Power 15 - 110 kw.

R Series Oil lubricated

Piston compressors
Pressure 4 - 10 bar
FAD 7.8 - 18.7 m^3/min
Power 45 - 110 kw.

D Series Oil Free

Screw compressors
Pressure 4 - 10 bar
FAD 7.0 - 42.6 m^3/min
Power 75 - 300 kw.

R Series Oil free

Piston compressors
Pressure 4 - 12 bar
FAD 7.5 - 18.1 m^3/min
Power 45 - 110 kw.

Quantima Oil Free centrifugal

Screw compressors
Pressure 3 - 8 bar
FAD 26.7 - 70.9 m^3/min
Power 150 - 300 kw.

Compressor Series

Compressed Air Treatment and Accessories
Heat recovery
Water separators
Compressed air filters
Refrigerant dryers
Adsorption dryers
Nitrogen generators
Condensate drains
Sequencers

PROFESSIONAL SERVICE

After Sales Service

- Spare parts supply
- Spare part repairs
- Retrofits-new equipment in existing installations
- Refurbishment - restoration to ‘as new’ performance
- Revaming - improving the output and/or efficiency of the plant
- Training programs
- Preventive Maintenance
- Supervisore commissioning

INDUSTRY REFERENCE

1. Sugar Mill Process

2. Pharmacutical Industrial Process

3. Steel Mill Process

4. Furniture Industrial Process

5. Petrochemical Plant Process

6. Cement Mill Process

7. Rice mill Process

8. Starch Plant Process

APPLICATION REFERENCE

1. Water Treatment System

2. Wet Scrubber System

3. Dust Collector System

4. Air Convoyer System

5. Ventilation System

6. Boiler System

7. Supply and Exhaust Air System

8. Painting System

Line

Facebook

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