



YOUR GLOBAL PARTNER IN
AIR-MOVING SOLUTIONS





Fergas Group

Fergas Group's HQ is based in Linköping Sweden where the company was founded 1949. This is the corporate center of leadership and development and is also the location of Fergas North Europe – which is part of the Fergas European Group and the manufacturing base for North Europe with focus on top level automation.



Fergas South Europe

Fergas South Europe is part of the Fergas European Group. Located in Misinto outside Milan Italy, it is perfectly located to serve our South European markets. In combination with our facilities in Sweden and China, it covers the whole Fergas range of products and supplies seamlessly to our global markets.



Fergas Asia Pacific

Fergas Asia Pacific, founded 2005, joined the Fergas family of companies in a joint effort by the Fergas group and Beckett Air Inc. to serve the Asian markets with air moving products. With offices in both Hong Kong and Southern China and with the factory conveniently located in Dongguan, FAP serve the whole of Asia with Fergas local production and engineering support.



Fergas North America

Fergas North America is centrally located in Fort Wayne Indiana. FNA is a sales and distribution company ideally positioned to serve the North American markets. FNA offers the Fergas AirBlaster, crossflow products and work in close partnership within the expansive global manufacturing footprint to produce the full range of air moving products.



Beckett Air

Beckett Air was founded 1988 as a joint venture between Fergas AB and the RW Beckett Corporation. Based in North Ridgeville Ohio it has achieved a dominant market position in HVAC markets in North America for the Fergas key rivet type blower wheel. Beckett Air also produces other air moving products such as axial fans and large diameter tangential wheels.

Fergas has been providing air moving solutions for over 70 years

Established in Linköping, Sweden in 1949 by our founder Lennart Wallman, the company remains under the same family ownership today.

- We are a leading global Producer of air moving products.
- Fergas has total market presence with manufacturing facilities and universal quality standards in Europe, North America and Asia Pacific. We also have commercial and technical representation throughout the world.
- Our company is committed to product development, production and design. Adoption of new technologies has ensured the success of our business over the last half century and will continue to do so into the future.
- Many specialized techniques and products demonstrate our strength in air movement and these include our patented “key rivet” technology for the assembly of blower wheels, our fully automated blower wheel robot line, a patented heater element assembly and also the unique patented AirBlaster™ designed specifically for automotive seat ventilation.

Our focus is you – our customer

Our objectives:

- To stay close and understand your needs
- To identify your goals and commitments
- To provide cost-effective air movement solutions
- To support you globally with a reliable, consistent and local supply capacity.

For all the latest information on Fergas and its range, please visit our website www.fergas.com

The Fergas Solution

Glocal

- A Global production footprint with manufacturing on three continents combined with the personal touch of local customer support - allowing us to better support your local needs with the power of a global production network.
- Our world class systems have proven to meet the highest quality standards. We are proud to be at partner and supplier to both global and local manufacturers.

Sustainable and long-term relationships

- Feel confident in us as your partner. Our unique design solutions, global delivery and service enables you to have an innovative partner who will support your goals for decades.

Unique technology

- Strong and lightweight design with exceptional reliability and efficiency.
- Modern manufacturing sites with high levels of automation guarantees consistency, strength and cost-effectiveness.

Unique Design and Production Processes

The Fergas forward curved blower wheels are constructed using “key rivet” technology creating the most rigid possible design but requiring less material. This results in a much stronger and lighter wheel that retains an exceptional reliability, efficiency and balance. Fergas has a fully automated production process for these wheels.

The Fergas cross-flow fan wheels are made in a unique production process that ensures a well balanced product without the need to weight or trim blades. The cross-flow housings are produced in a fast, high capacity process using a method that guarantees consistency, strength and rigidity. The cross-flow fans are supplied with AC, DC and EC motors.

The Fergas AirBlaster™ and ClimaSeat™ demonstrate further examples of our innovative approach to air movement. Fergas has provided a solution to automotive environmental problems presented specifically by that industry. The solution has been found to offer benefits in other markets. The result has been that these products are not found only in car and truck seat ventilation but also in medical applications and can also be found as an aid to healthy and comfortable bed designs.

Fergas strives to be an innovative partner. We want to support and assist our Customers to find solutions and develop products that achieve their desired level of excellence.



Forward Curved Blower Wheels

The unique Fergas key rivet style wheel has been the choice of the world since 1979. Produced in fully automated robot lines with excellent quality control. Diameters from 67 mm to 224 mm in single or double inlet design with hubs for shaft assembly or adapted for press fit assembly to an external rotor motor.



Size	Single	Double	Airflow	Information
Ø 67 to 224 mm	Yes	Yes	Various	Galvanized steel or aluminum. Adapted for press fit hub.

Backward Curved Blower Wheels

Fergas offers a range of backward inclined wheels with several diameters of backward wheels for ventilation applications.

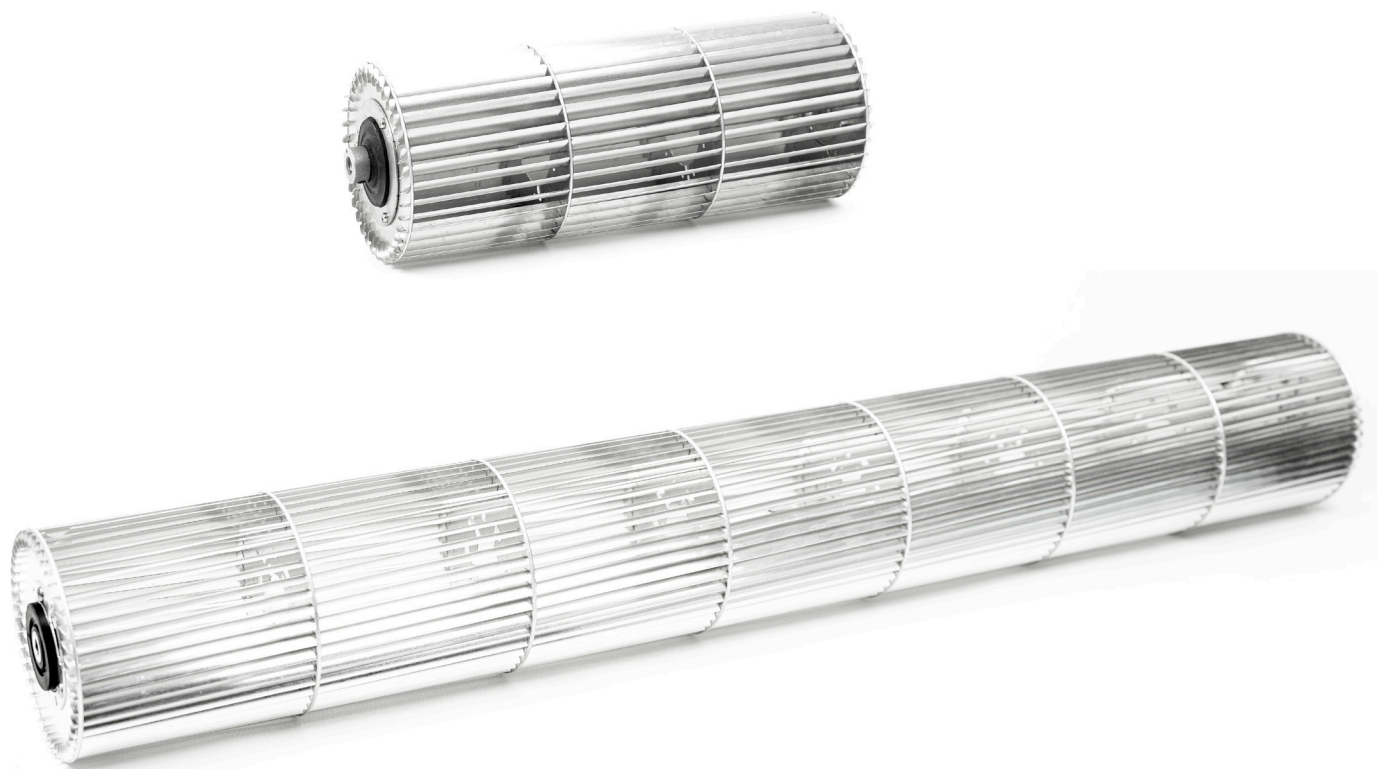
Can be adapted for hub assembly



Size	Single	Double	Airflow	Information
Ø 180,190, 225, 250 and 280 mm Various widths.	Yes	No	Various	Galvanized steel (standard) or aluminum. For 92 mm external rotor. Can be adapted for hub assembly.

Large Crossflow Wheels

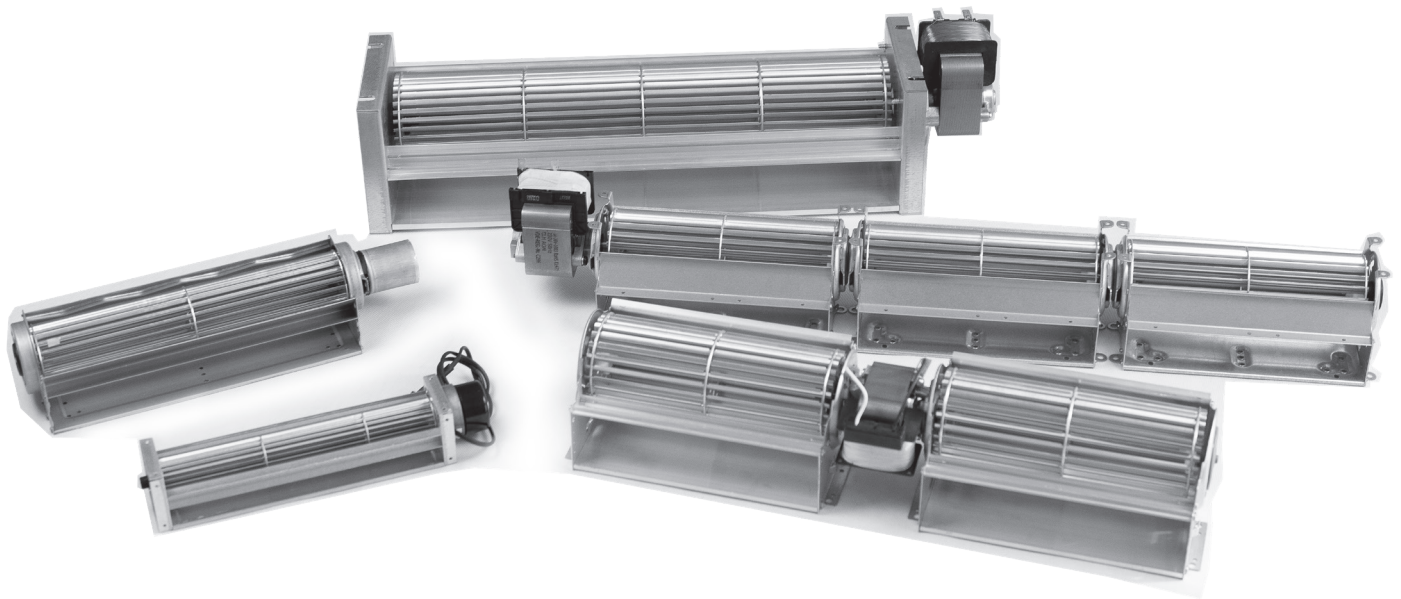
Fergas offer a range of cross flow wheels made in different sizes and lengths. The cross flow wheels are used in a wide range of applications such as commercial cooling, heating, ventilation and food industry.



Size	Single	Double	Airflow	Information
Ø 100, 105, 110, 115, 120, 125 mm Length 215 to 800 mm	Yes	No	Various	Various options: steel, aluminum, protective extra coating.

Cross Flow/Tangential Blowers

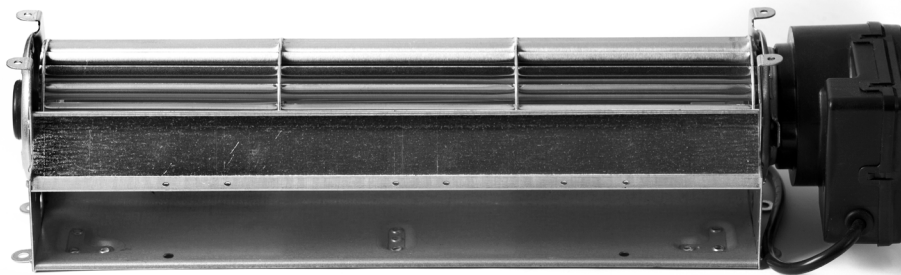
Fergas Crossflow/Tangential Blowers are used in heating applications, commercial cooling, flame effect fireplaces, dishwashers, medical equipment and many types of electronic cooling applications. It is offered in different lengths and diameters, single and double units with a wide range of motors.



Size	Single	Double	AC	DC	Airflow	Information
Ø 30, 45, 60, 65 and 80 mm Length 60 to 605 mm	Yes	Yes	Yes	Yes	Up to 500 m³/h	Various housing design options. IP protection. Heating element.

G³EC Blowers

Fergas new G³EC motor will change your expectations of a blower. It will make your solutions smarter, more effective, quieter and easier to control. You will be able to give your customers brand new opportunities, a silent experience as well as a cost reduction.



Dynamic motor made to connect. We have developed a brand new motor to our blowers that is made to connect, work dynamically and easy to install and control. We have built it from scratch to meet the opportunities and demands that modern and intelligent installations require.

Size	Single	Double	EC	DC	Airflow	Information
Ø 30, 45, 60 and 80 mm. Length 60 to 605 mm	Yes	Yes	100-240V	24V	Up to 500 m ³ /h	Online control: can be connected to intelligent automation. IP protection available. Speed control options: 0-10V signal or PWM.

Modular Crossflow Blowers

The New Fergas Modular Fan System allows our customers to utilize the available space in a much more efficient way. In addition, the Fergas Modular system opens the possibility to design the air flow accordingly to customer demand.



- Easy to connect and to combine to required length.
- Even distribution of air flow over the whole length of the blower.
- Easy to protect single motor.
- Energy effective motors.
- More efficient utilization of available space.
- Cost saving by using only one motor.

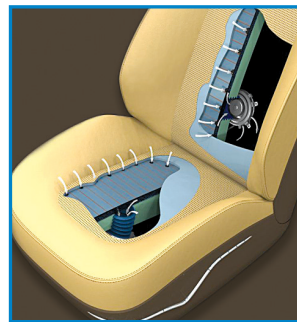
Size	Single	Double	AC	DC	Airflow	Information
Ø 30, 45, 60, 65, 80 mm Length up to 1750 mm	Yes	Yes	Yes	Yes	Up to 500 m ³ /h	Various options.

AirBlaster™

The patented Fergas AirBlaster™ blower is originally designed for ventilation of vehicle seats but is now used in various applications. Optimal for applications with limited space and with requirements for high pressure. Advanced speed control options such as PWM or LINBUS.



Climaseat™
patented technology.



Size	Single	Double	AC	DC	Airflow	Information
Ø 97 and 130 mm	Yes	No	No	12, 24V	Up to 80 m³/h	Various options. PWM control options.

Special Blowers

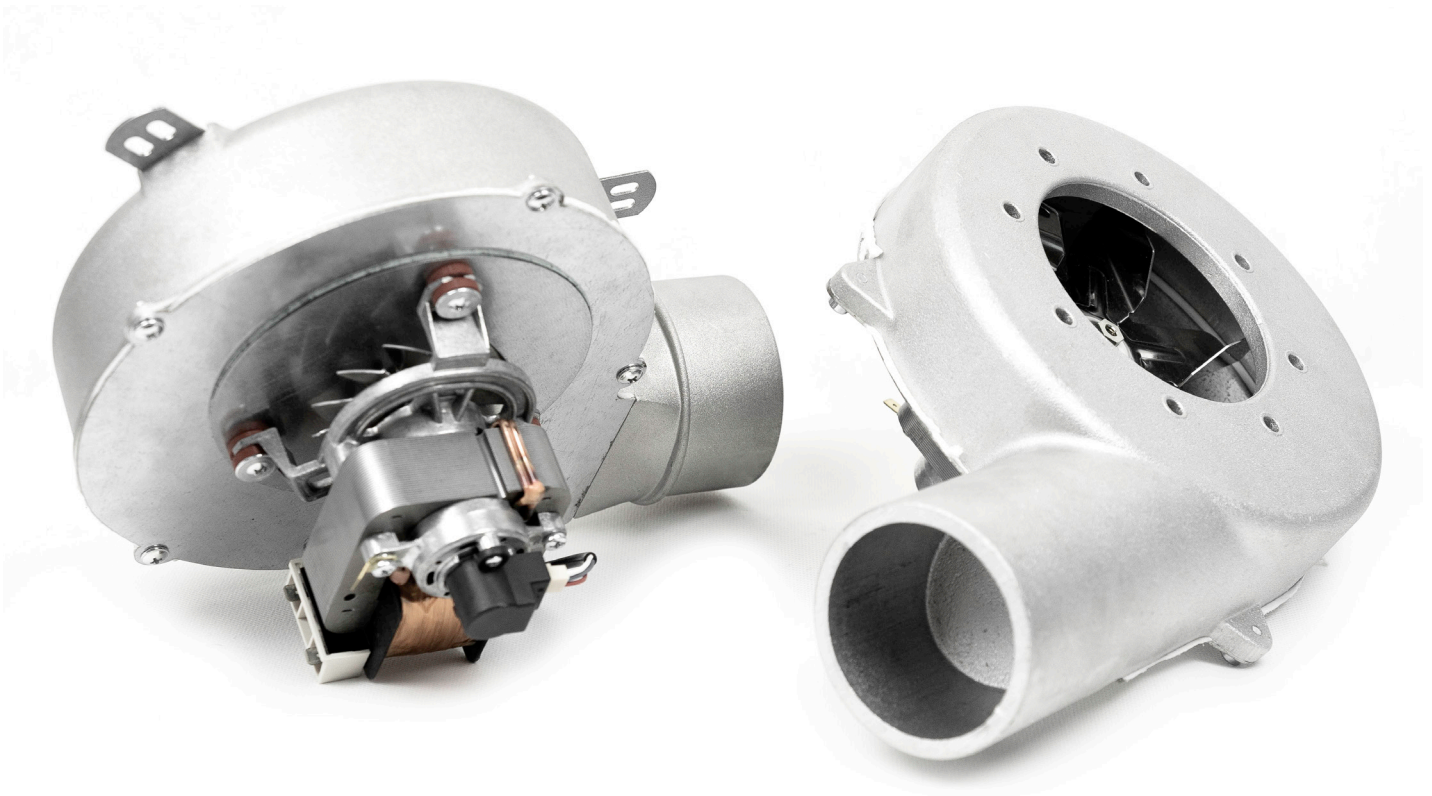
Fergas offers various special blower designs as well as customized solutions for our customers. This includes a range of small sized centrifugal blowers for pellet stoves and other heating applications.



Size	Single	Double	AC	DC	Airflow	Information
Ø 50 to 105 mm. Impeller.	Yes Inlet version	Yes Inlet version	230V 50/60Hz	Yes	20-220 m ³ /h Double version 440 m ³ /h	Galvanized steel or aluminum.

Smoke Extractor Blowers

The Fergas Smoke Extractors have been designed for use in pellet stoves and biomass boilers. Provided with complete housing and stainless steel blower wheel and equipped with input nozzle for the smoke output tube and motor option available with Hall Effect sensor.



Size	Single	Double	AC	DC	Airflow	Information
150 mm	Yes	No	Yes	No	Up to 175 m ³ /h	Aluminium standard but also available in other materials.

Examples of Fergas applications



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YEARS
1949-2019



www.fergas.com