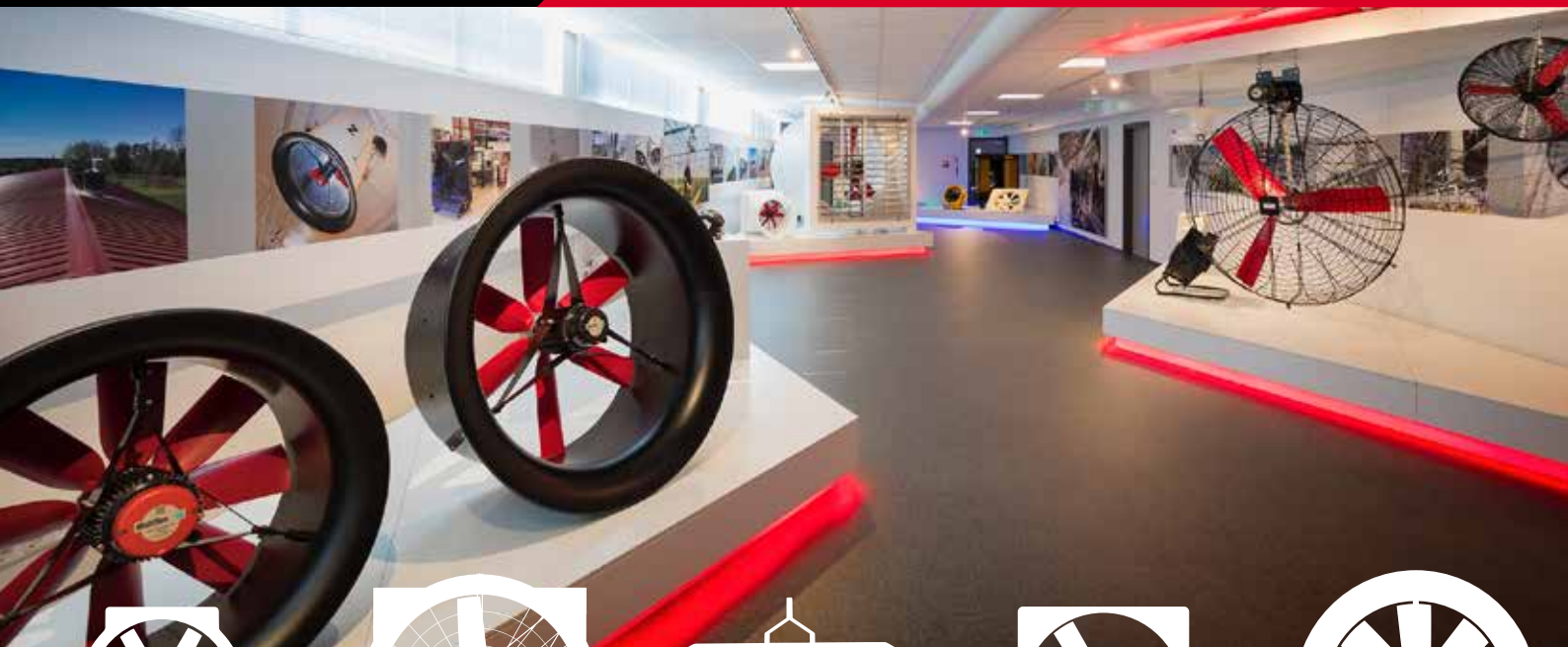




VOSTERMANS
VENTILATION

Premium axial fans



YOUR SPECIALIST IN AIR

Your specialist in air

We are Vostermans Ventilation:

A Dutch family owned company founded in 1952. We develop, produce and distribute axial fans for the agricultural and industrial markets. As a part of Vostermans Companies, we are devoted to creating partnerships and we focus on long-term relationships. With a passion for technology and commitment to the end customer, we provide high quality axial fans that meet the wishes and needs of our customers.



Specialized in agricultural and industrial markets.



Why Vostermans Ventilation

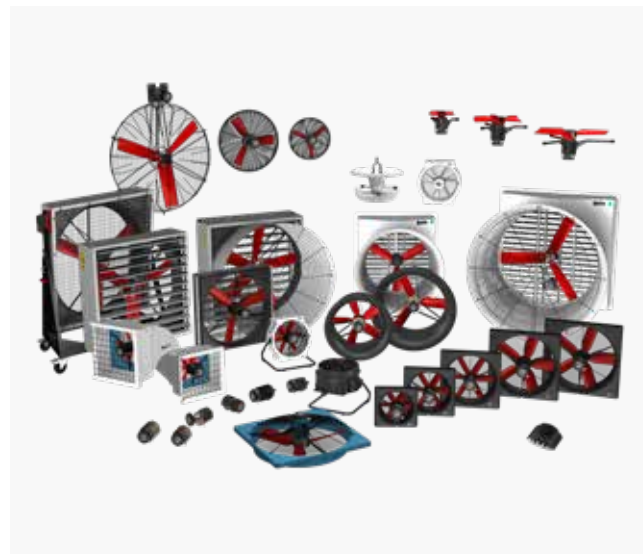
We are committed to close relationships with our customers, which enables us to provide the best possible service. In addition, it is very important to us that our fans meet the demands and wishes of the market. That is why we develop products with the customer as a starting point and with attention to:

- High reliability
- High quality standards
- Energy efficiency
- Long lifetime
- Customization where possible
- People and environment

Globally available due to flexibility

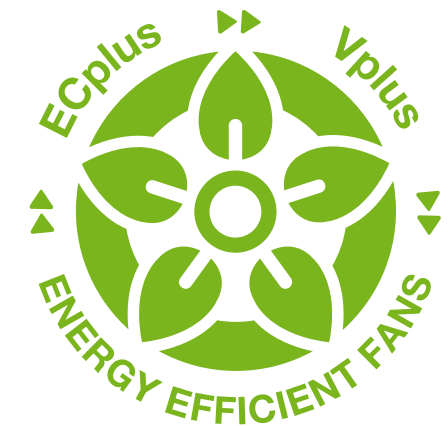
Because the entire development and production process takes place in-house, we can provide customized solutions worldwide. While doing so, we take local laws and regulations, specific market requirements, the local situation and specific customer requirements into account. This includes:

- 50hz / 60hz
- 1 or 3 phase
- Various voltages
- Compliance with quality marks, such as CE and UL
- Compliance with regulations, such as ErP and IE



Save more energy

Our Multifan and EMI fans are optionally available in extra energy-efficient ECplus and Vplus versions with infinitely variable speed control. For every 20% reduction in speed, the energy consumption is halved. In order to protect sensitive electronics in a controller, it is placed in a separate housing with a protection rating of at least IP65. This is essential to guarantee reliability in the most extreme environments.



ECplus

ECplus fans are the ultimate combination of high performance, reliability and energy saving. Tests at the French research institute IFIP show that ECplus fans save more than 80% energy compared to traditional systems. The speed controller of ECplus fans can be bypassed with the optional override switch to limit business risks.

Vplus

Our fans with Vplus technology are equipped with a permanent magnet motor in combination with the energy efficient MFD-controller. This combination results in fans that rank amongst the most energy-efficient in the world (Bess Lab). Compared to existing systems, energy savings of more than 85% can be achieved.

Always nearby

Thanks to our offices in China, Malaysia and America, we are close to our customers. This ensures that our products match the local market and enables to export to more than 75 countries in a cost-efficient way.



Your specialist in air

Fans for ventilation

Ventilation fans are used to bring in fresh air from outside. This may be to cool places, or to refresh the indoor air. In addition, it is possible to generate negative or positive pressure with the aid of fans. This enables you to keep insects outside or control the incoming air flow. We offer an extensive range of Multifan and EMI ventilation fans for a large number of applications.



	Metric	Imperial
Available in Ø	20cm	8"
	25cm	10"
	30cm	12"
	35cm	14"
	40cm	16"
	45cm	18"
	50cm	20"
	56cm	22"
	63cm	24"
	71cm	28"
92cm	36"	
Max air volume	24.500m ³ /h	14.400cfm
Max pressure*	150 Pa	0.6 S.P.
ECplus		✓



Panel Fans

The Panel Fan is the all-rounder among fans and is often placed in a wall. Because the fans are available in a large number of diameters and capacities, they can be used in almost every situation. In addition to Multifan Panel fans, we also have a standard line of EMI Panel Fans.

	Metric	Imperial
Available in Ø	92cm	36"
	130cm	50"
	140cm	54"
Max air volume	56.800m ³ /h	33.400cfm
Max pressure*	120 Pa	0.48 S.P.
ECplus		✓
Vplus		✓



Galvanized Box Fans

Galvanized Box Fans are comparable to Panel Fans. However, these fans can be equipped with a shutter to prevent air leakage when the fan is switched off. In addition, Galvanized Box Fans (with the exception of the 92 cm / 36" version) are optionally available with a cone for improved air flow. This improves the air volume and efficiency by approximately 10%. In addition to Multifan Galvanized Box Fans, we also have a standard line of EMI Galvanized Box Fans.

	Metric	Imperial
Available in Ø	35 tot 130cm	12 tot 50"
Max air volume	50.500m ³ /h	29.700cfm
Max pressure*	400 Pa	1.6 S.P.
ECplus		✓



Tube Fans

Tube Fans are developed for both horizontal and vertical mounting applications and are available in custom sizes (accurate to 1 mm). As a result, they can be used for a wide range of applications, such as tubes, chimneys and exhaust ducts. In addition to Multifan Tube Fans, we also have a standard line of EMI Tube Fans.

High Pressure Fans

In many countries it is not permitted to blow air, contaminated with ammonia or particulate matter, out directly. For these applications, we use High Pressure Fans that blow the air through filters. Thanks to the design, the fan can handle a pressure up to 400 Pa. Naturally, our High Pressure Fans can also be used for other high pressure applications such as heat exchangers and drying rooms for flower bulbs, potatoes, onions and fruit.



	Metric	Imperial
Available in Ø	63cm	24"
	71cm	28"
	82cm	32"
	92cm	36"
Max air volume	38.700m ³ /h	22.800cfm
Max pressure*	400 Pa	1.6 S.P.
ECplus		✓

Fiberglass Cone Fans

The Fiberglass Cone Fan is in many ways the 'cream of the crop' among fans. Thanks to the engineering plastic and fiberglass components, the complete fan is resistant to even the most aggressive climates. In addition, the aerodynamic design ensures the highest possible air volumes and energy efficiency available on the market.



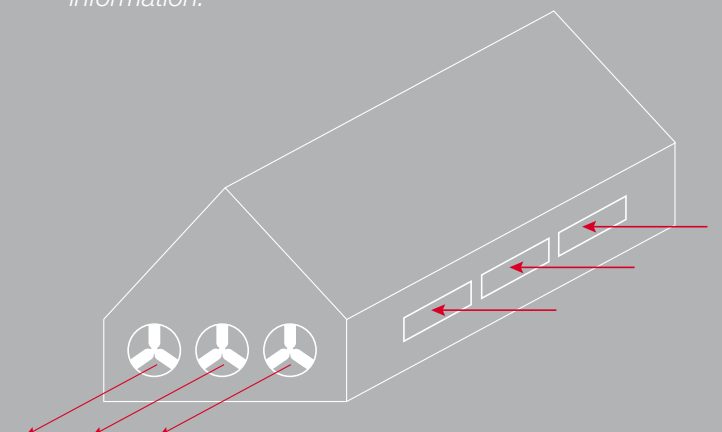
	Metric	Imperial
Available in Ø	45cm	18"
	63cm	24"
	92cm	36"
	130cm	50"
	140cm	54"
Max air volume	64.000m ³ /h	37.700cfm
Max pressure*	125 Pa	0.5 S.P.
Vplus		✓

What is the ideal operating range of my fan?

We have numerous standard configurations available for every fan model. These are tested one by one to determine the ideal operating range of the fan using a QH curve. Depending on the practical situation, such as the difference in indoor and outdoor air pressure and the resistance factor, it is important that the right fan is chosen.

If the ideal operating range of the fan is not in line with the practical situation, there is a chance that a lot of energy is being used unnecessarily or that the air output will decrease significantly. Do you want a speed controllable fan? Then realize that the QH curve changes when you reduce the fan speed. Always have a professional look over your shoulder to find the correct configuration.

Please contact your dealer or the Vostermans Ventilation Customer Service Team for more information.



Tip: The QH curve of your fan can easily be retrieved by scanning the QR code on the back of the fan motor with your smartphone.

* Max pressure definition: Maximum achievable pressure range at which the performance of the fan can be guaranteed.

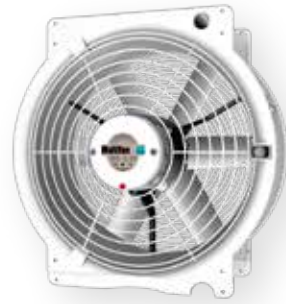
** Tables are based on our standard product portfolio. Please contact our Customer Service Team for more options.

Fans for circulation

Circulation fans are often used for mixing indoor air in order to create a uniform indoor climate. In addition, circulation fans are used during hot periods to blow air over people or animals, creating a wind chill effect. Our range of Multifan and EMI circulation fans consists of a wide range of products for a diverse number of applications.



	Metric	Imperial
Available in Ø	40cm 50cm	16" 20"
Max air volume	9.200m ³ /h	5.400cfm
Max throw	68m	223ft



Circulation Fans

These very powerful fans blow air horizontally over a large distance and are used for various situations. By placing several fans in a row, air is mixed very efficiently and quickly over a long distance. Ideal for large buildings, such as greenhouses and chicken farms. For an extra cool breeze, the circulation fan can be equipped with a nozzle system.

	Metric	Imperial
Available in Ø	40cm	16"
Max air volume	5.300m ³ /h	3.100cfm



V-FloFan

Vertical ventilation is increasingly used worldwide. This fan ensures a constant air flow at animal and plant level. In addition, less heat is lost through the roof, because warm air is blown down. This reduces heating costs. The V-FloFan is also a very popular product for the professional cultivation of medicinal cannabis.

	Metric	Imperial
Available in Ø	50cm 63cm 71cm 130cm	20" 24" 28" 50"
Max air volume	46.300m ³ /h	27.300cfm
Max throw	142m	466ft



Basket Fans

Basket Fans are designed for a wide air flow. Ideal for a fresh breeze above animals or people during hot days. Basket fans are often used in large industrial halls and dairy housing. Due to the high throw and high air volume, this fan creates a cooling effect. In addition to Multifan Basket Fans, we also have a standard line of EMI Basket Fans.

Mobile Fans

Fresh air wherever and whenever you want. Mobile Fans are easy to transport and can be used in a wide range of applications. Ideal for providing extra circulation or ventilation during hot days. For the entertainment sector, we have launched black mobile fans. These stage fans are ideal to put on a stage in a dark corner. The fans offer a refreshing breeze, while nobody can see them.



	Metric	Imperial
Available in Ø	40cm 50cm 130cm	16" 20" 50"
Max air volume	31.300m ³ /h	18.400cfm
Max throw	95m	312ft
ECplus		✓

Ceiling Fans

Hot air rises. That is why it pays to hang Ceiling Fans in high spaces. During the cold winter days, these fans mix the warm upper air with the cold lower air, allowing savings on heating costs. In the summer, Ceiling Fans create a breeze, which reduces the perceived temperature.



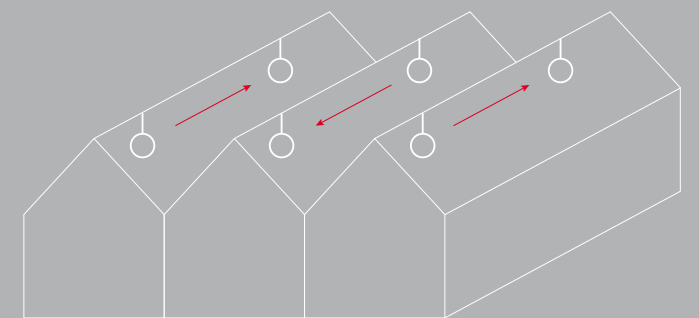
	Metric	Imperial
Available in Ø	140cm	54"
Max air volume	21.250m ³ /h	12.500cfm

How do I easily mix air?

When using circulation fans, we calculate the reach of the air flow coming out of the fan in an infinite space without obstacles. This is also called the throw of a fan. In order to mix the air well, it is important that the fans are hanging in the air stream. This way, you blow the air from fan to fan.

Environmental factors such as external air flows, or obstacles near the air flow, as well as lowering the speed, affect the throw distance. In order to mix air well and efficiently, it is important that the fans do not hang too far apart. Always have a professional look over your shoulder to find the correct configuration.

Please contact your dealer or the Vostermans Ventilation Customer Service Team for more information.



* Throw definition: The theoretical distance in an infinite space where the air speed is 0.5 m/s.

** Tables are based on our standard product portfolio. Please contact our Customer Service Team for more options.

Service

As a family business, we believe it is important to build long-term relationships with our customers. That is why we attach great importance to our customers being helped quickly and effectively when a problem arises. The QR code on the back of the fan motor is an ideal tool for this. By scanning this QR code, you get insight into the most important fan specifications and a list of spare parts.

In addition, we offer many extras online to support you. This includes specific product information and our online product selector, in which you can select the right fan for your specific situation. You can always contact us via www.vostermans.com/ contact with questions, or follow us through our social media channels to stay up to date with the latest news.



Fans with a Dutch heart

The success of a fan is largely determined by the quality of the impeller and the motor. This is why we manufacture all Multifan and EMI products in our factories in Venlo, the Netherlands. It also allows us to further develop the manufacturing process efficiently and guarantee the highest quality standards. Because we get large fan components, such as the housing, from the customer's region, we are able to keep the price of our fans as competitive as possible.

Vostermans Ventilation is part of Vostermans Companies, an international family business, founded in 1952.



Vostermans Ventilation B.V.
Venlo - The Netherlands
Tel. +31 (0)77 389 32 32
ventilation@vostermans.com

Vostermans Ventilation Inc
Bloomington, IL - USA
Tel. +1 309 827-9798
ventilation@vostermansusa.com

Vostermans Ventilation Sdn. Bhd.
Tmn Klang Jaya - Malaysia
Tel. +60 (0)3 3324 3638
ventilation@vostermansasia.com

Vostermans Ventilation Co. Ltd.
Shanghai - China
Tel. +86 21 5290 2889/2899
ventilation@vostermanschina.com