



RMI Industrial Services Inc.
Ph# 281-755-3857
Sales@rmiindustrialservices.com
Web: www.rmiindustrialservices.com



Zootech



Industrial



Commercial



Sports



Office



WE ARE 100% FANTASTIC

Fantastic is an American company, with Italian design products made by a team of specialists in HVLS fans (High Volume Low Speed) and ventilation systems.

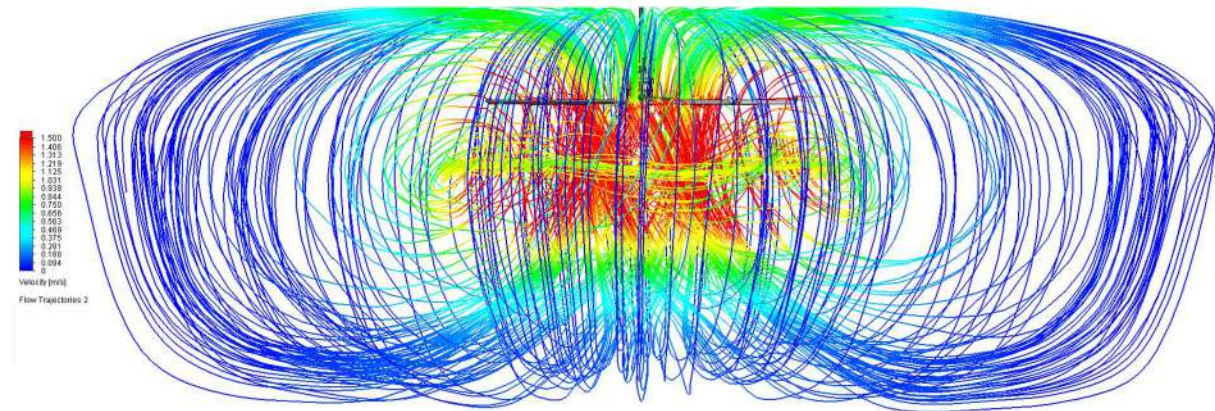
Fantastic technical skills merge to design, build and market innovative systems for air treatment in large environments (Industrial/Commercial/Zootechnics) worldwide. Our Fantastic products apply the most advanced technologies to HVLS fans as brushless motor-inverters, IoT for remote assistance and airfoils studied in collaboration with university departments.



How a Fantastic HVLS works

By slowly rotating at low rpm, our fans create an air flow whose dimensions, depending also on the layout it encounters, can reach about 4 times their diameter, in all directions.

This ventilation system is used in large spaces such as production plants, logistics centers, sports halls, department stores, where air conditioning systems are very expensive both as an initial investment and in subsequent operating costs.



The best option in these cases is one of our Fantastic **HVLS** ventilation systems, with which the **perceived temperature is reduced from 4 and 10 F. in the summer season**, while **in winter** the mixing with the warmer air in the ceiling increases by 6 and 12 F. the temperature on the ground with a consequent **energy saving of about 30%**. This improvement can be observed as indicated in the chart "Thermal Comfort Diagram" (<https://comfort.cbe.berkeley.edu/EN>) created by the executive for health and safety of Berkeley's University. The HVLS fan, working in destratification mode, is ideal for large structures not equipped with the HVAC system, which reach high temperatures in summer, cold temperature in winter with a high percentage of relative humidity (specially in summer).

Additional benefits are listed below:

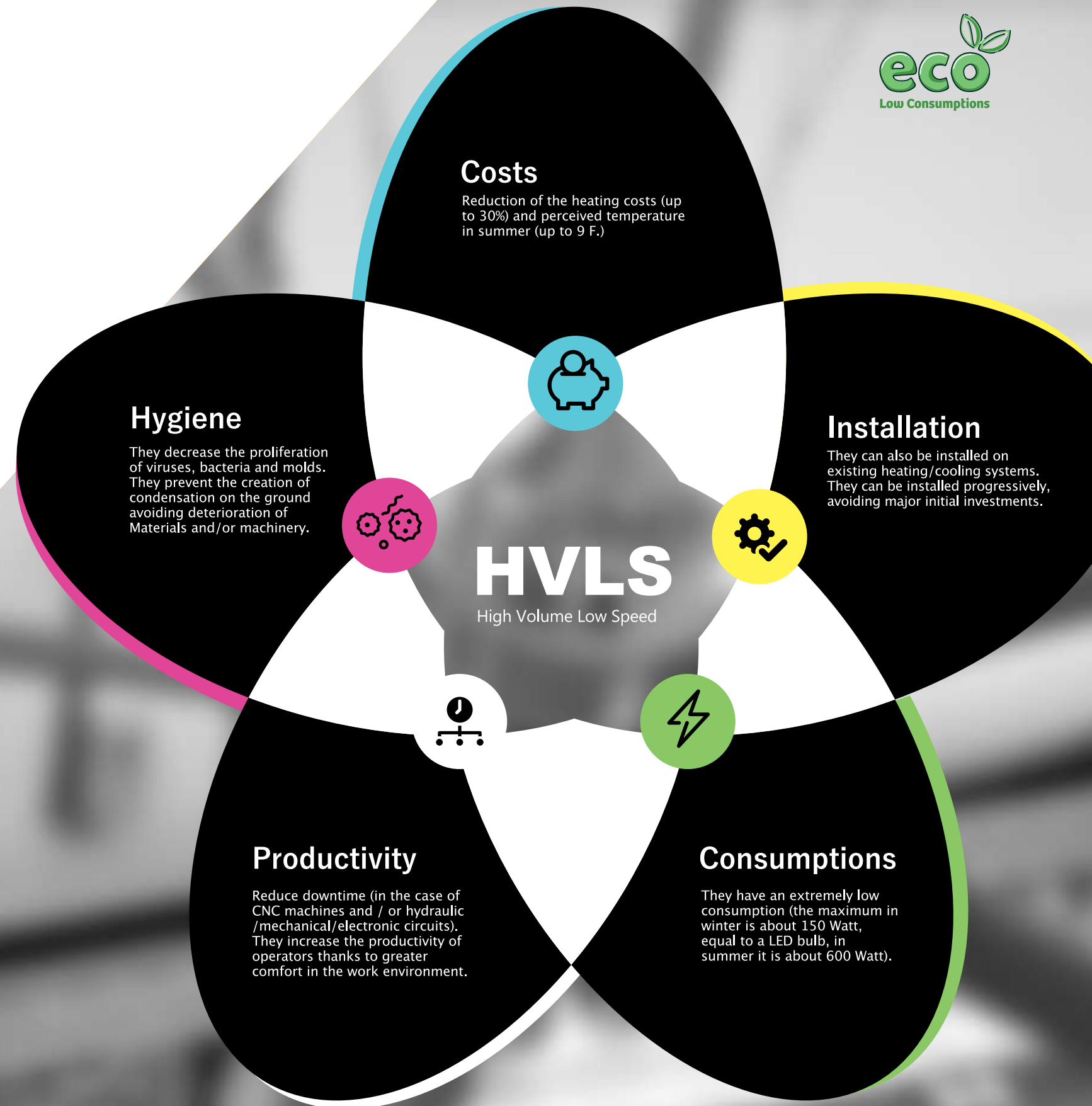
- **Reduce the proliferation of viruses, bacteria and molds**
- **Prevent the creation of condensation on the ground avoiding the deterioration of materials and/or machinery**
- **Reduce downtime (in the case of CCN machines and/or hydraulic/mechanical/electronic circuits)**
- **Increase operator productivity through greater comfort in the workplace**
- **Extremely low consumption (motor-inverter on board)**
- **Can also be installed on existing heating/cooling systems**
- **Can be installed progressively, avoiding important investments on an economic level**

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Fantastic Company's HVLS fans can be installed in different environments, both industrial and commercial, when characterized by medium/large dimensions:

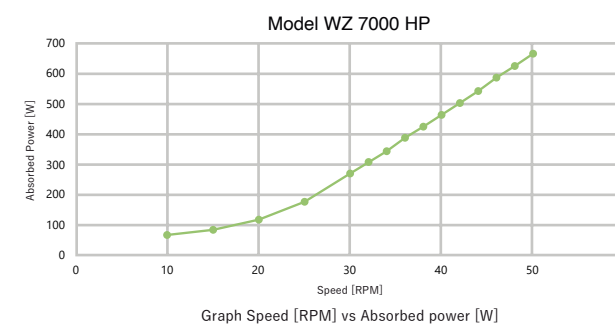
- Sports halls
- Open space office
- Trade fairs
- Outdoor locations
- Agricultural/Floriculture shops
- Thermal parks
- Storage sites
- Swimming facilities
- Outdoor swimming pools
- Sale of agricultural products
- Student halls/Universities/Schools
- Beer/Wine production sites
- Gyms/Fitness Centers
- Compound: Law enforcement/Fire Brigade/Civil Protection
- Military sites: hangars, armories, refectories, etc.
- Management/ operational/logistic sites
- Private business centers
- Airport hangars
- Airport lounges
- Machinery maintenance sites
- Car dealers
- Bars/Restaurants
- Heavy machinery storages
- Places of worship
- Service centers
- Event spaces (theaters/ballrooms...)
- Craft centers
- Industrial plants
- Factories
- Stores
- Collection and storage centers



Model	Diameter (ft)	Min. Dist Ceiling A	Weight Installed (lbs)	Max. Speed (rpm)	Consumption Max. (Kw)	Current Max. (A)	Noise Level (dBA)	Airflow (cft/h)
WZ 2500	8	2.50 ft	182	210	1.2	2.7	< 60	7.4
WZ 3000	10	3.25 ft	190	160	0.6	1.4	< 60	10.9
WZ 4000	12	3.25 ft	207	100	0.7	1.7	< 55	13.1
WZ 5000	16	5.00 ft	249	80	0.9	2.0	< 45	18.7
WZ 6000	20	5.00 ft	267	65	1.1	2.7	< 45	21.2
WZ 6000 HP	20	5.00 ft	291	75	0.8	1.9	< 45	23.6
WZ 7000	23	5.00 ft	284	38	0.5	1.4	< 45	22.9
WZ 7000 HP	23	5.00 ft	309	50	0.7	1.7	< 45	30.0

Power Supply for all models 200-480V Three-phase 50/60 Hz

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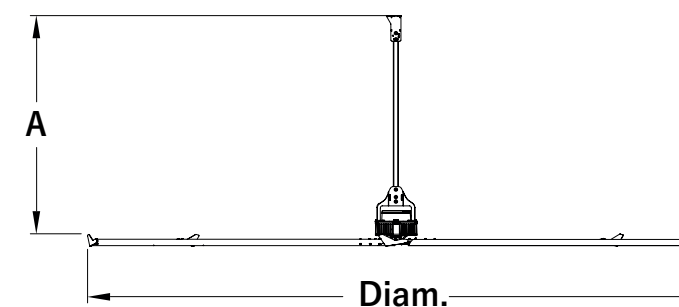


MISTRAL Series

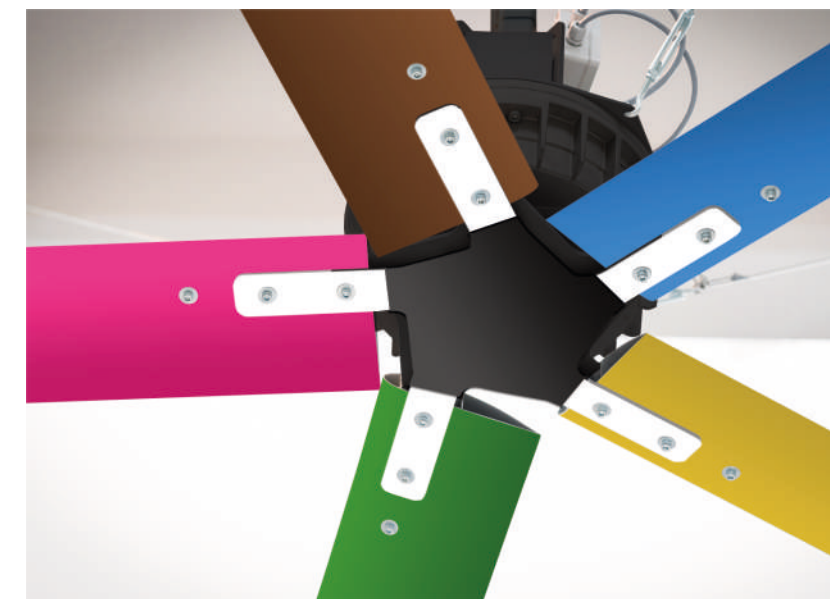
Brushless motor with integrated inverter
Blade design: NacaAirfoil profile
Applications: Industrial, Commercial and Zootechnic
Machine dimensions: diameter from 8 to 23 feet and customizable

The **MISTRAL** series satisfies the market needs in terms of technology. Activated by brushless motor with integrated inverter, it offers high energy efficiency with low consumption.

Thanks to the integrated electronics, they can work perfectly in line with each other through the management of the Fantastic system, communicating via Modbus and allowing complete control of the individual fans. Motor and electronic components are made of aluminum alloy, guaranteeing an IP65 degree of protection, making them suitable for every work environments. The diameters available for this series are 8, 10, 12, 16 and 23 feet (with possibility of customization). The blade profile is of the Naca type. The MISTRAL series is fully UL certified.

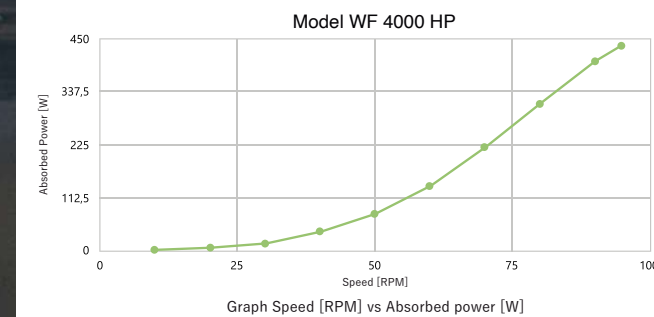


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Model	Diameter (ft)	Min. Dist Ceiling A	Weight Installed (lbs)	Max. Speed (rpm)	Consumption Max. (Kw)	Current Max. (A)	Noise Level (dBA)	Airflow (cft/h)
WF 2500	8	2.50 ft	144	180	1.0	2.5	< 60	6.7
WF 3000	10	3.25 ft	154	150	0.7	2.0	< 60	9.9
WF 4000	12	3.25 ft	169	80	0.4	1.0	< 55	11.6
WF 4000 HP	12	3.25 ft	181	95	0.4	1.0	< 55	12.4

Power Supply for all models 200-480V Three-phase 50/60 Hz

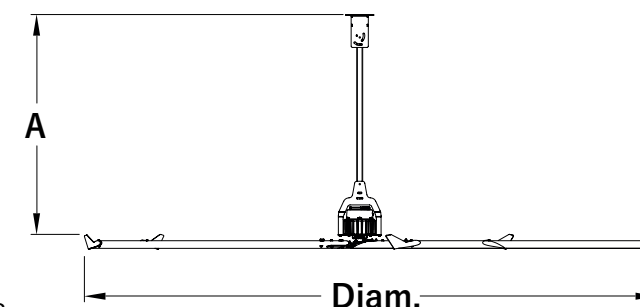


PAMPERO Series

IP65 Brushless motor with integrated inverter
 Blade design: Naca profile
 Applications: Industrial, Commercial and Zootechnic
 Machine dimensions: diameter from 8 to 12 feet

The **PAMPERO series** is the latest creation from Fantastic that allows to combine quality, performance and cost. It meets the most needs in terms of technology.

Activated by a brushless motor with integrated inverter, it offers high efficiency energy guaranteed low consumption, and total silence when in use. Thanks to the integrated electronics it can work in combination with other Fantastic system devices and via Modbus communication, each parameter of the single machine can be individually adjusted. Both the engine and the electronic components are made of aluminum with an IP65 degree of protection which makes the destratifier suitable for all work environments. The diameters available for this series are 8, 10, 12 feet (with the possibility customization). The blade profile is of the Naca type.



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Model	Diameter (ft)	Min. Dist Ceiling A	Weight Installed (lbs)	Max. Speed (rpm)	Consumption Max. (Kw)	Current Max. (A)	Noise Level (dBA)	Airflow (cft/h)
WD 2500	8	2.50 ft	125	250	1.1	2.5	< 60	5.3
WD 3000	10	3.25 ft	131	200	0.9	2.0	< 60	9.2
WD 4000	12	3.25 ft	143	140	0.8	2.0	< 60	10.6
WD 4000 HP	12	3.25 ft	156	160	0.7	1.5	< 56	2.4

Power Supply for all models 200-480V Three-phase 50/60 Hz

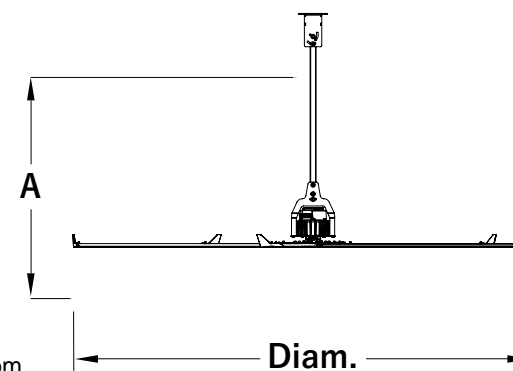
Wired "plug & play" connectors for power and data signal via modbus

GALE Series

Brushless motor with integrated inverter
 Blade design: Selig profile
 Applications: Industry and Commercial in general
 Machine dimensions: diameter from 8 to 12 feet

The **GALE Series** is the right compromise between the reliable quality of Fantastic and the right price.

Like all fans produced by Fantastic, it has a permanent magnet motor and an integrated inverter and it is possible to connect it remotely, via ModBus signal for the maintenance of the inverter parameters. The airfoil profile of the blades chosen for this model is SELIG. As usual, silence, low consumption and reliability are the characteristics of this model, as all Fantastic products.

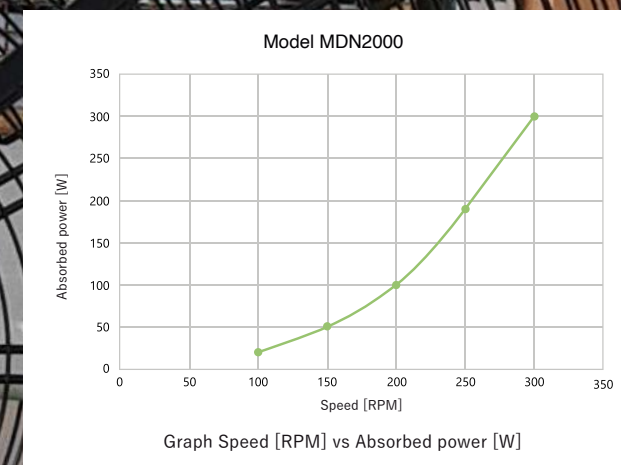


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Model	Diameter (ft)	Weight Installed (lbs)	Max. Speed (rpm)	Consumption Max. (Kw)	Current Max. (A)	Noise Level (dBA)
MDN2000	6	425	300	0.30	0.91	< 60

Power Supply for all models 200-480V Three-phase 50/60 Hz

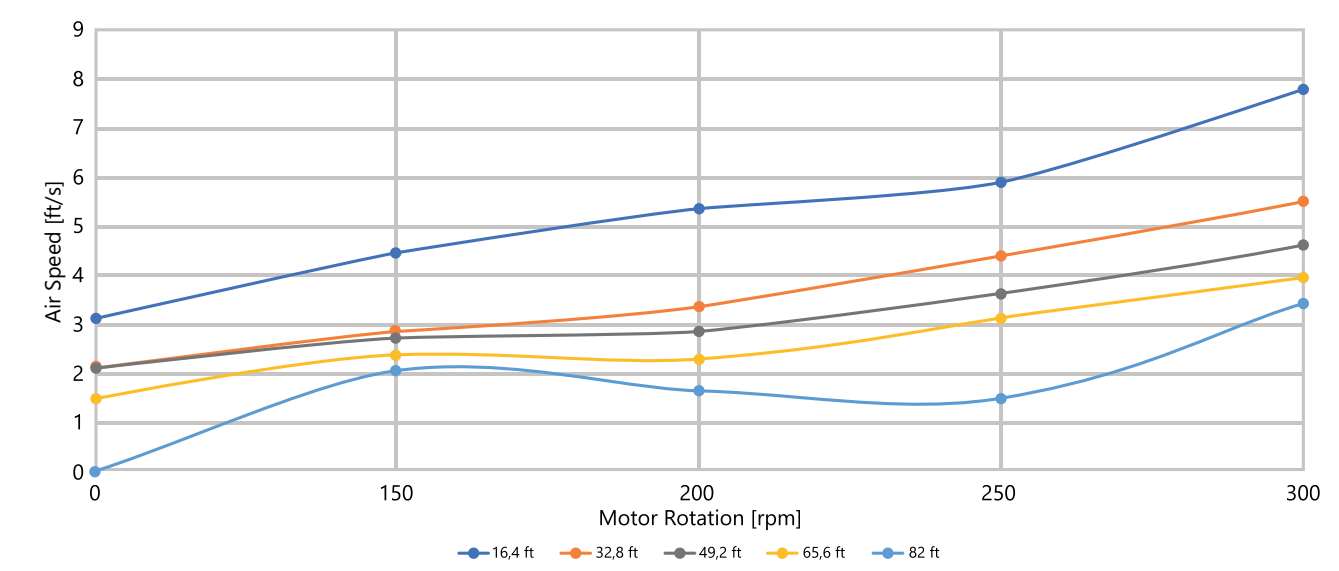


SIROCCO Series

IP65 Brushless motor with integrated inverter
 Blade design: Selig profile
 Applications: Industry Commercial and Agriculture
 Machine dimensions: diameter 6 feet

Sirocco is the portable and handy fan that allows several applications in commercial and industrial environments.

Designed to be handled by a single person with low consumption and low noise thanks to the moto-inverter. Moreover it's very easy to install (plug & play). The four pneumatic wheels guarantee maneuverability on any terrain and a flexible use, making it an effective machine for cooling any indoor and outdoor environment.



Graph Air Speed [ft/s] vs Motor Rotation [rpm]

Water Transfer Printing

Water transfer printing, also known as immersion printing, water transfer imaging, hydro dipping, watermarbling, cubic printing, Hydrographics or HydroGraphics, is a method of applying printed designs to three-dimensional surfaces. The resulting combinations may be considered decorative art or applied art. The hydrographic process can be used on metal, plastic, glass, hard woods, and various other materials, also customizable with any company logo.

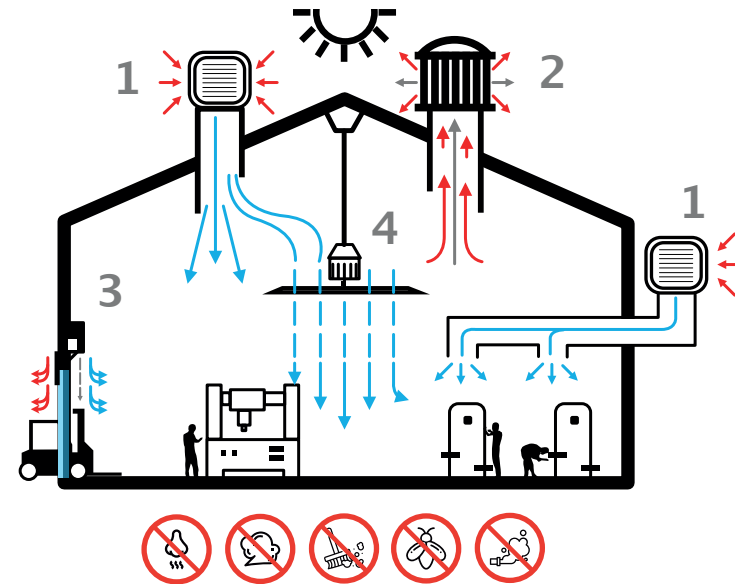
Some examples of Customization



Our Fantastic ventilation system can be installed in simple environments as well as complex applications depending on specific customer needs, space available and budget

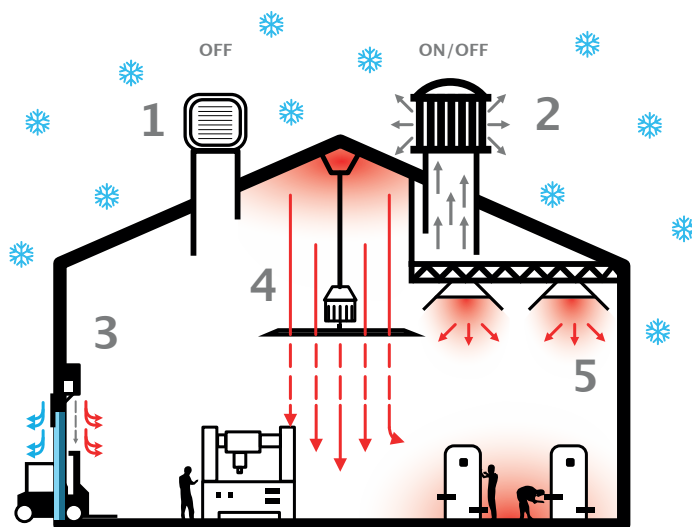
HOW DOES IT WORK IN SUMMER?

1. Adiabatic evaporators bring fresh outdoor air through the roof/skylights. At the same time they clean, humidify and cool the air by at least 10 F.
2. Heat extraction turbines balance external and internal temperatures and remove used and polluted air through the roof. Permanent air rinsing reduces thermal load by up to 10 F. and removes humidity.
3. Air barriers keep cooled air inside the building by re-circulating facility air in a smooth uniform flow, creating a seal on the doorway. The system provides environmental separation, reduces door cycles and increases life expectancy of cooling and heating systems.
4. HVLS Destratifiers take in conditioned air and ensure its even high-volume draught-free distribution with a flow rate of up to 20 million cubic feet. Air circulation decreases the temperature by up to 10 F.



HOW DOES IT WORK IN WINTER?

1. Adiabatic evaporators are either completely out of operation or they simply supply outside air without cooling.
2. Ventilation turbines may be limited in order to prevent heat loss during winter.
3. Air barriers prevent heated air from escaping the building. The system provides environmental separation, reduces door cycles and increases life expectancy of cooling and heating systems.
4. HVLS destratifiers draw in warm air from below the roof and push it at very low rotations towards the floor. This equalizes air temperatures by disruption of various air layers by the so-called destratification up to a difference of 4 F. between the floor and the roof.
5. Infrared heaters heat the air indirectly by increasing the radiant temperature. Rays of radiation strike the employees' skin, floor, machines, materials and other objects. Surfaces absorb heat energy that dissipate it into the environment while they heat up resulting in comfortable temperature.



SERVICE

The mission of Fantastic Company is to be a supplier of advanced and ecological technical services and solutions based on our knowledge in the ventilation sector, with a consultative approach even before a commercial one. Fantastic Company is always careful to optimize its customers' investment costs with due respect for the environment and low-impact technologies, such as those we proudly produce.

DESIGN

The approach always starts from studies and in-depth analysis carried out by our engineers, aimed at proposing to the customer the best solution at the lowest cost.

PRODUCTION

The flexibility of Fantastic Company allows us to create customized products and guarantee OEM productions all over the world. Ensuring maximum safety and reliability over time is the goal of Fantastic Company.

ASSEMBLY

We offer customers an installation and testing service through teams of specialized technicians and electricians, without interfering in the normal activities of our customers operations.

AFTER SALES

The Fantastic Company team follows customers even after the ventilation system has been built and put into operation. The warranty extension packages provide for remote technical assistance for the entire life of the system, proving the reliability of the product and service offered by Fantastic Company.





 **Fantastic** COMPANY INC.
WINDEPENDENCE



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Seabrook, TX 77585
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