

VENTI

The Comfort of Cool





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OVERVIEW

Venti is introducing a series of High Volume Low Speed (HVLS) fans from 10 feet to 24 feet for residential, commercial and industrial use. Venti features state-of-the-art Direct Drive Technology coupled with a minimalistic design inspired by Scandinavian design principles. Our engineers designed the fans with 3 assessments in mind: Efficiency, Performance, Energy Saving.

Our Direct Drive DC Brushless Permanent Motor (BLDC) is quieter, saves 60% energy compared to AC Motor and requires no maintenance.

Our engineers developed our fans with a comprehensive understanding of aerodynamics and fluid dynamics - resulting in one of the most sophisticated drive system ever invented in the history of HVLS fans.

Venti engineered fans weigh less than the average HVLS fan, utilise fewer blades (5 blades) yet achieve superb airflow performance designed to cool and ventilate in the utmost comfort.

**AURA
SERIES**

**GUSTO
SERIES**

**HERCULES
SERIES**

**SERENE
SERIES**



LATEST TECHNOLOGY

DIRECT DRIVE DC BRUSHLESS PERMANENT MOTOR TECHNOLOGY

Venti features world class Direct Drive DC Brushless Technology and meticulously tuned aerodynamics design. The Direct Drive Technology is the most advanced technology of the HVLS fans engineered in the market. It features a gearless, brushless motor drive which increases efficiency and durability.

Compared with traditional brush and AC Motor, Venti is quieter <50dB compared to the standard HVLS fan ~60dB. Venti is the result of a combination between sophisticated design and efficient performance.

AIR PERFORMANCE AND SAFETY RATING CERTIFICATION

Venti Fans are tested to the Highest Safety Standard compliant with International Standards and Regulations. Additionally, Venti's Air Delivery Performance is also tested and verified by Approved and Internationally Accredited Test Laboratories to ensure the validity and accuracy of the technical specifications.

Aura, Gusto and Hercules are tested and based on:

- i) AMCA 230-99 Standard - Air Movement Control Association
- ii) CB / IEC 60335-2-80
- iii) 2014/35/EU



FEATURES AND BENEFITS

ENERGY AND COST EFFICIENT

Venti's Direct Drive DC Brushless Technology consumes 60% less energy than the Standard HVLS. Moreover, Venti Fan is designed without a gear box thus requires zero maintenance.

The gearbox in HVLS with AC Motor is oil filled and requires regular maintenance to change the oil. The only maintenance Venti requires is a routine blade cleaning.

Maintenance Cost	AC Motor (Price)	DC Motor (Price)
Gear Box - Change Oil Inside	RM 1,200	RM 0
VFD Servicing	RM 800	RM 0
Blade Cleaning	RM 600	RM 600
Total	RM 2,600	RM 600

MORE VERSATILE

Due to the absence of a gearbox, Venti is lighter. The lightweight feature means that a Venti fan can accommodate more ceiling types, is easily installed and is safer.

FEEL THE REAL COMFORT OF COOL

One 24 feet Venti fan can do the job of replacing up to 52 fans. Our fans are energy and cost efficient - only using 37% of the energy consumed by conventional fans.

Venti can help you qualify for Green Building Index Certification.



DESIGNED TO COOL AND VENTILATE

Venti fans are equipped with 2 settings - Forward and Reverse. Both functions are designed to improve heating, ventilation and air conditioning systems in indoor and outdoor spaces.

Reverse function

(anti-clockwise) generates air movement by reversing cool air upwards to the ceiling and hot air downwards via surrounding enclosures to cool the room.

Forward function

(clockwise) generates air movement by moving hot air downwards towards the floor level to cool surroundings.

Model	Aura-10	Aura-12	Aura-14	Gusto-16	Gusto-18	Gusto-20	Gusto-24	Hercules-24
Air Volume (CFM)	64,343	96,024	113,176	200,383	224,885	259,267	298,567	423,469
Power (Watts)	155	240	190	780	830	630	400	950
CFM/W	415	400	596	257	271	412	746	446

Aura-14 ranks top 3 globally on energy efficiency (CFM/W) at maximum speed for similar models in its size. Despite Aura's small size, between the Venti models, it ranks 2nd for CFM/W. Small yet mighty!

Gusto-24 is record-breaking at 746 CFM/W, making it the greenest 24ft fan in the world

Hercules-24 holds a global record by producing 423,469 CFM using less than 1000 Watts, making it the one of the highest air volume generated by a 24ft fan globally

Serene-24 latest model with minimalist feature and yet high performance and efficiency



AURA SERIES



Aura 14' ranks top 3 globally on energy efficiency (CFM/W) at maximum speed for similar models in its size. It's small yet mighty!

The Venti Aura Series ranging from 10 feet to 14 feet is specially curated to fit snugly and elegantly into spaces such as Galleries, Al Fresco Cafe & Restaurant, House Patio and Indoor / Outdoor Foyer.

The whisper quiet feature of the Venti Aura Series is set to recreate an Ambient Aura for users.

Aura Series can be colour customised to seamlessly blend into the overall premise design and ambience, creating a balance not just in the way you see, but also in the way you feel.

SPECIFICATIONS

Aura Model Overview

Model	Aura-10	Aura-12	Aura-14
Fan Diameter	10 ft (3.05m)	12 ft (3.66m)	14 ft (4.27m)
Weight	29 kg	32 kg	35 kg
Ceiling Height	16 ft to 23 ft (5 to 7m)		
Motor Power	240 Watt		
Blade Design	Aerodynamically Designed		
Blade Material	Anodized Aluminium		
Housing Material	Aluminium 6061		
Number of Blades	5		

Aura Performance and Efficiency

Model	Aura-10	Aura-12	Aura-14
Max Coverage Area	2,583 sqft	3,861 sqft	4,973 sqft
Air Volume	64,343 CFM	96,024 CFM	113,176 CFM
Max Rotation Speed	112 RPM	98 RPM	74 RPM
Max Power Usage	155 Watts	240 Watts	190 Watts
Sound at Max Speed	< 40 dBA		
Voltage (V)	110 VAC - 240 VAC Single Phase 50/60 Hz		
Controller	Venti HMI 10 (1-10 Fan Connections)		

Aura Warranty

Warranty	5 Years - Motor & 3 Years - Drive
	Lifetime - Fan Blade

GUSTO SERIES



Gusto 24' is the greenest 24' HVLS Fan in the World, generating the greatest air volume using the least power at 746 CFM/W

The Venti Gusto Series ranging from 16 feet to 24 feet was invented with a goal in mind - to help resolve all heating, cooling and ventilation issues impacting businesses.

One Venti Gusto 24 Feet fan can cover a 20 thousand square feet area, equivalent to five full-sized basketball courts.

Gusto 24' can also replace up to 40 units of conventional high speed 60-inch ceiling fans.

Contrary to its onomatopoeia definition, the Gusto Series does not blast a gust of wind at you. In fact, Gusto generates a comfortable, delicate breeze - so gentle it will change the way you think about fans! We invite you to Feel The Difference for yourself!

SPECIFICATIONS

The Gusto Series is best suited for places such as Warehouse, Factory, Convention Hall, Workshop with Ceiling Height between 7m and 10m and Places of Worship

Gusto Model Overview

Model	Gusto-16	Gusto-18	Gusto-20	Gusto-24
Fan Diameter	16 ft (4.88m)	18 ft (5.49m)	20 ft (6.10m)	24 ft (7.32m)
Weight	90 kg	95 kg	99 kg	104 kg
Ceiling Height	23 ft to 33 ft (7 to 10m)			
Motor Power	750 Watt			
Blade Design	Aerodynamically Designed			
Blade Material	Anodized Aluminium			
Housing Material	Aluminium 6061			
Number of Blades	5			

Gusto Performance and Efficiency

Model	Gusto-16	Gusto-18	Gusto-20	Gusto-24
Max Coverage Area	6,458 sqft	7,847 sqft	10,010 sqft	19,764 sqft
Air Volume	200,383 CFM	224,885 CFM	259,267 CFM	298,567 CFM
Max Rotation Speed	78 RPM	69 RPM	53 RPM	37 RPM
Max Power Usage	780 Watts	830 Watts	630 Watts	400 Watts
Sound at Max Speed	< 50 dBA			
Voltage (V)	208 VAC - 240 VAC Single Phase 50/60 Hz			
Controller	Venti HMI 10 (1 to 10 Fan Connections)			

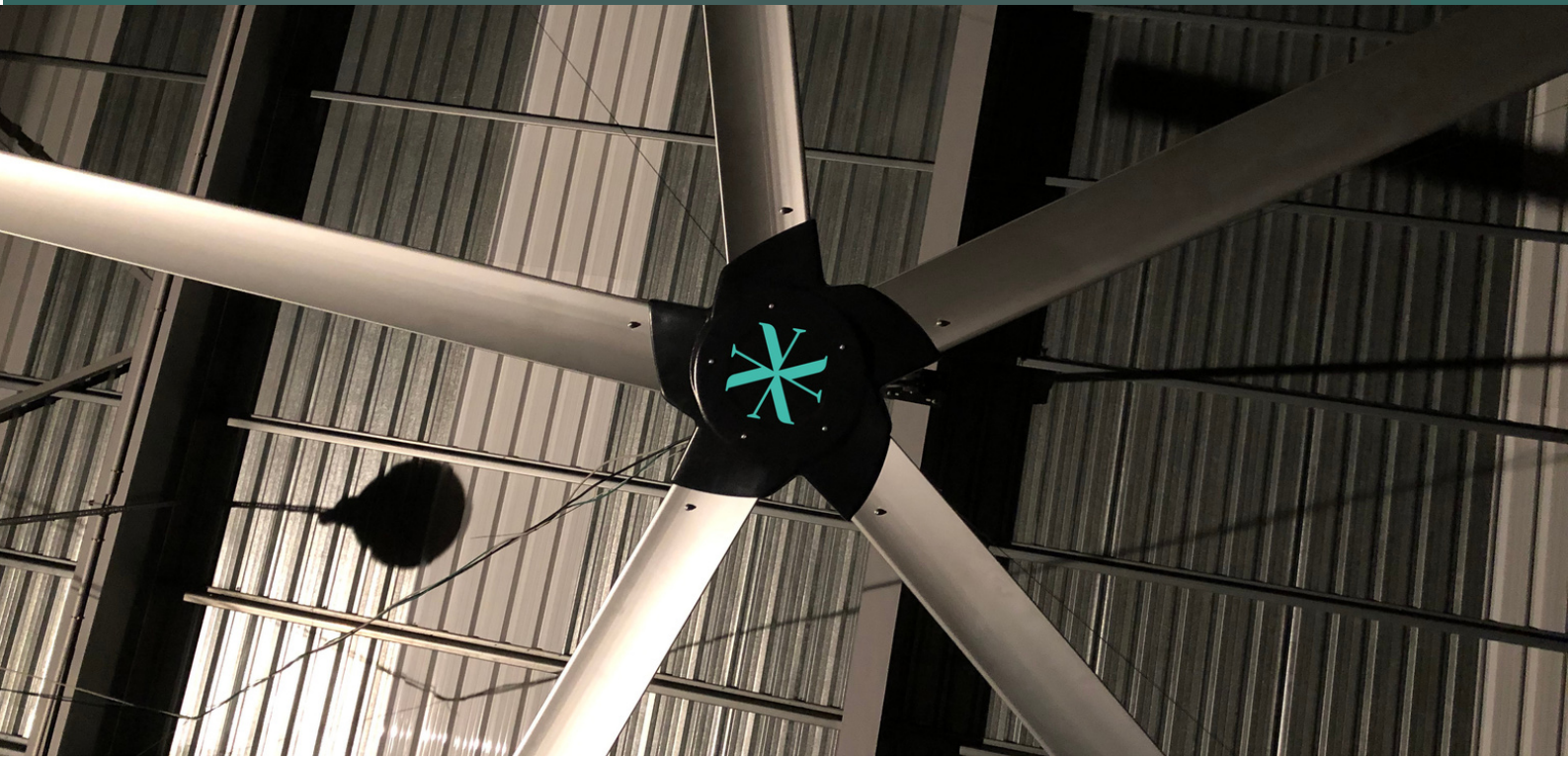
Gusto Warranty

Warranty

5 Years - Motor & 3 Years - Drive

Lifetime - Fan Blade

HERCULES SERIES



*The Venti Hercules Series features the **Most Air Efficient 24 Feet Fan In the World** - record-breaking with the highest air volume (423,469 CFM) generated utilising the least number of blades (5 Blades). Designed aerodynamically, the Hercules Series is programmed with the finest algorithms and data structures.*

Hercules can bring effective heating, ventilation and air conditioning solutions to places such as Airports, Train Stations, Places of Worship, Heavy-Industrial Factories and Warehouses, Aviation and Car Garages.

With Hercules, business owners can expect a return on investment in electricity bills in less than 5 years. Hercules is the perfect solution for Smart Business Owners.

SPECIFICATIONS

Hercules Model Overview

Model	Hercules-24
Fan Diameter	24 ft (7.32m)
Weight	113 kg
Ceiling Height	26 ft to 49 ft (8m to 15m)
Motor Power	1,500 Watt
Blade Design	Aerodynamically Designed
Blade Material	Anodized Aluminium
Housing Material	Aluminium 6061
Number of Blades	5

Hercules Performance and Efficiency

Model	Hercules-24
Max Coverage Area	23,318 sqft
Air Volume	423,469 CFM
Max Rotation Speed	49 RPM
Max Power Usage	950 Watts
Sound at Max Speed	< 50 dBA
Voltage (V)	208 VAC - 240 VAC Single Phase 50/60 Hz
Controller	Venti HMI 10 (1 to 10 Fan Connections)

Hercules Warranty

Warranty	5 Years - Motor & 3 Years - Drive
	Lifetime - Fan Blade

CONTROLLER



Venti Fans are controlled using a HMI (Human Machine Interface) Controller. One HMI Control can control up to 10 fans, saving users money and time. Venti Fan can be integrated into Building Management System via Modbus RS435.

The HMI Controller is displayed via a 7" LCD screen which can be used for :

- **Speed Control** : 0% to 100%
- **Air Flow Direction** : Forward and Reverse
- **On Board Diagnostic** : Fan Troubleshooting
- **Timer Control** : Fan Start and Stop Time

SERENE SERIES



The Serene series delivers high performance cooling with its Permanent Magnet Synchronous Motor (PMSM), but manages to consume just 835 watts of energy at its top speed. That unique combination enables the Serene model to provide extreme value in large industrial spaces and elsewhere.

The Serene series has been designed for maximum value even when it comes to installation. It features a built-in VFD that's located at floor level to reduce maintenance cost.

Its sleek design only requires a single cable from the ceiling to the floor in order to operate it. It works best in large spaces, with ceiling heights ranging from 5m (16ft) to 15m (50ft).

SPECIFICATIONS

Serene Model Overview

Model	Serene-10	Serene-12	Serene-14
Fan Diameter	3 m	3.6 m	4.2 m
Weight	31	34	37
Ceiling Height	16 ft to 23 ft (5 to 7m)		
Motor Power	500 Watt		
Blade Design	Aerodynamically designed		
Blade Material	Anodized aluminium		
Housing Material	Aluminum 6601		
Number of Blades	5		

Serene Performance and Efficiency

Model	Serene-10	Serene-12	Serene-14
Max Coverage Area	230 m ²	350 m ²	490 m ²
Air Volume	64,150 CFM	103,221 CFM	117,361 CFM
Max Rotation Speed	112 RPM	108 RPM	86 RPM
Max Power Usage	175 Watt	270 Watt	335 Watt
Sound at Max Speed	< 45 dBA		
Voltage (V)	220VAC - 240VAC Single Phase 50/60 Hz		
Controller	Forward direction 0-100%		

Serene Warranty

Warranty	5 Years - Motor & 3 Years - Drive
	Lifetime - Fan Blade

SPECIFICATIONS

Serene Model Overview

Model	Serene-16	Serene-18	Serene-20	Serene-24
Fan Diameter	4.8M	5.4M	6.0M	7.2M
Weight	100 kg	104 kg	108 kg	113 kg
Ceiling Height	23 ft to 33ft (7 to 10 M)			
Motor Power	1200 Watt			
Blade Design	Aerodynamically designed			
Blade Material	Anodized aluminium			
Housing Material	Aluminium 6061			
Number of Blades	5			

Serene Performance and Efficiency

Model	Serene-16	Serene-18	Serene-20	Serene-24
Max Coverage Area	600 m ²	750 m ²	920 m ²	1300 m ²
Air Volume	140,578 CFM	237,920 CFM	289,196 CFM	447,139 CFM
Max Rotation Speed	78 RPM	69 RPM	53 RPM	54 RPM
Max Power Usage	413 Watts	490 Watts	460 Watts	835 Watts
Sound at Max Speed	<50 dBA			
Voltage (V)	220 VAC - 240 VAC Single Phase 50/60 Hz			
Controller	Venti HMI BI 1-20			

Serene Warranty

Warranty

5 Years - Motor & 3 Years - Drive

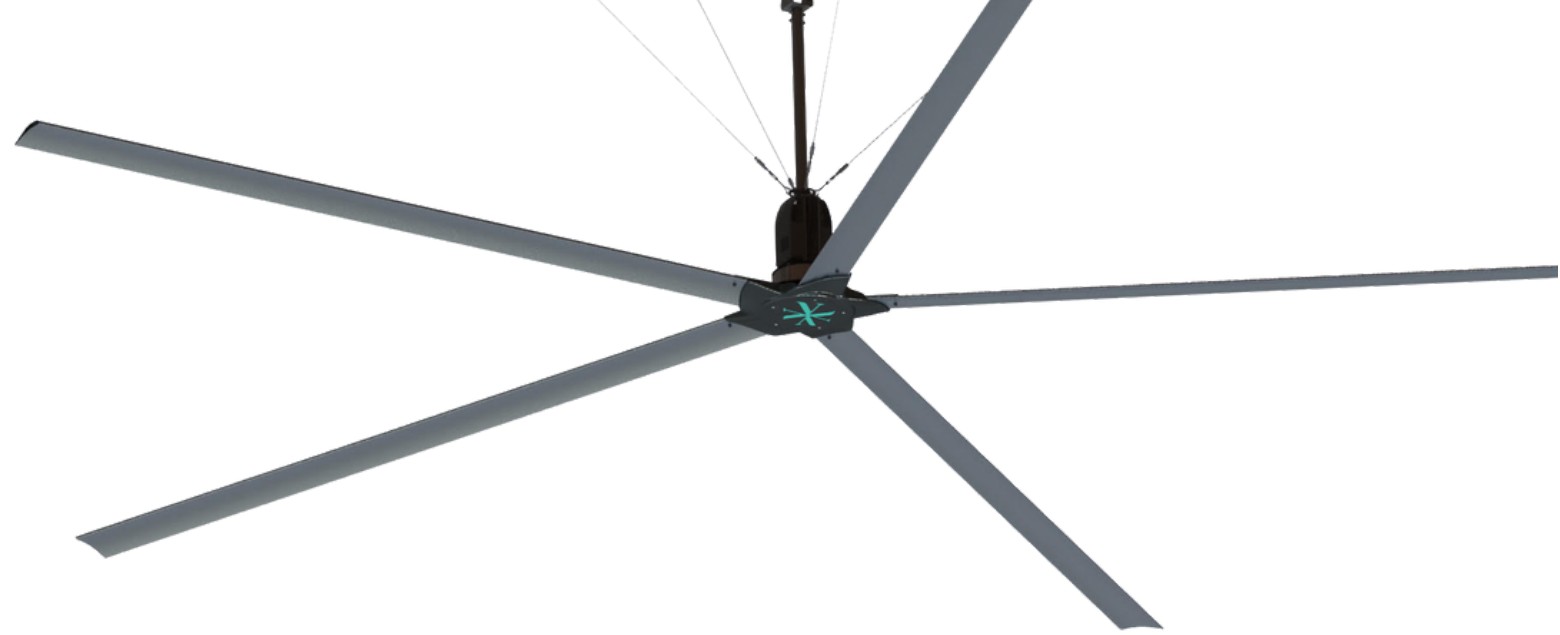
Lifetime - Fan Blade

CONTROLLER



HMI BI 1-20 Controller

- Integrated wall mount design
- LCD display
- Up to 20 Venti fans can be easily operated using this digital controller
- Easy command for forward functions with 7 speed levels
- Multi-function potentiometer with LED status indicator
- Wireless remote control (optional)
- Built-in smart internet of things (IoT) module (optional)



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