

VIVOSUN



AeroZesh

USER MANUAL

Love
what
you
grow™

Welcome to **VIVOSUN**

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

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KEY FEATURES

WIFI & APP CONTROL

Smart settings based on variable environment conditions for your AeroZesh via the VIVOSUN GrowHub and App remotely.

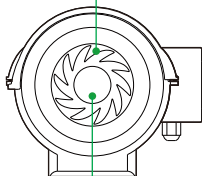


MULTIPLE MODES

Manual, ON/OFF cycle, and intelligent Auto modes, quick and easy setup via the VIVOSUN GrowHub.

EFFICIENT AIR FLOW

Efficient airflow delivery with hydro-mechanical stator blades in high static pressure.

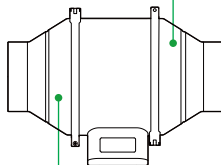


DUAL BALL BEARINGS

Dual ball bearings in motor provide an estimated 67,000 hours lifespan. Enables the fan to be mounted in any direction.

QUIET EC MOTOR

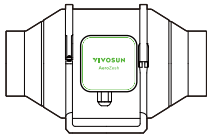
EC voltage motor with PWM provide low noise and energy saving.



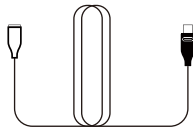
PWM TUNING

Precise fan speed control by PWM.

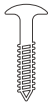
PRODUCT CONTENTS



Duct Fan System
x 1pc



Type C Extension Cable
x 1pc

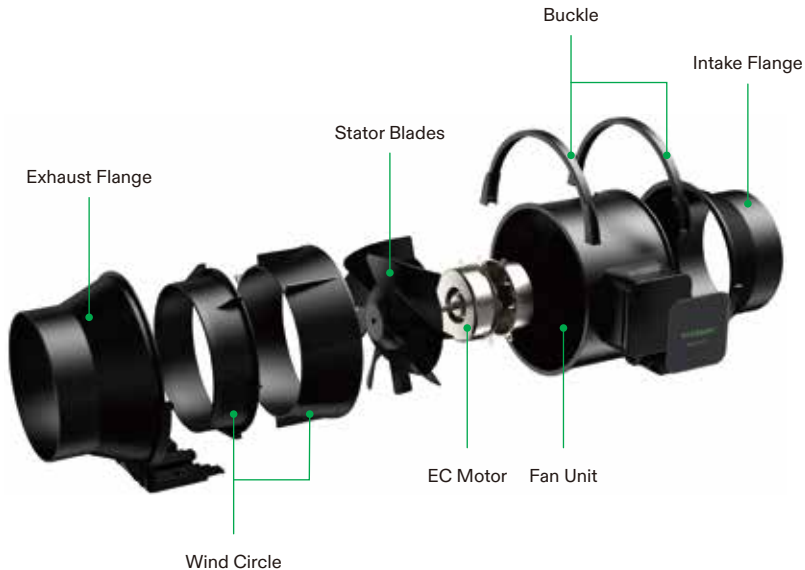


Duct Fan Screw Set
x 4pcs



Wall Anchor
x 4pcs

PRODUCT CONTENTS

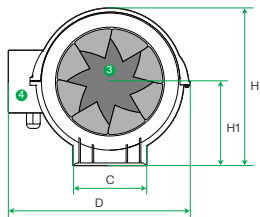
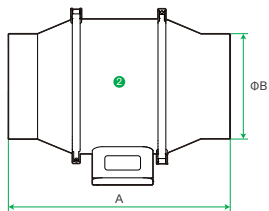
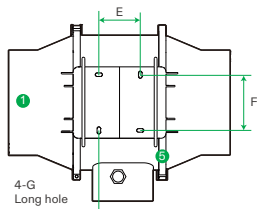


DIMENSION

Series No.	Part	Quantity
①	Flange	2
②	Fan Unit	1
③	Impeller	1
④	Terminal Box	1
⑤	Buckle	2

Unit: mm

Model No.	VSV-AZS4	VSV-AZS6	VSV-AZS8
A	302	310	304
ΦB	Φ98	Φ147	Φ195
C	100	100	140
D	220	249	272
E	60	60	60
F	77	77	110
G Long hole	10x5	10x5	10x5
H	192	215	234
H1	105	114	124



SPECIFICATIONS

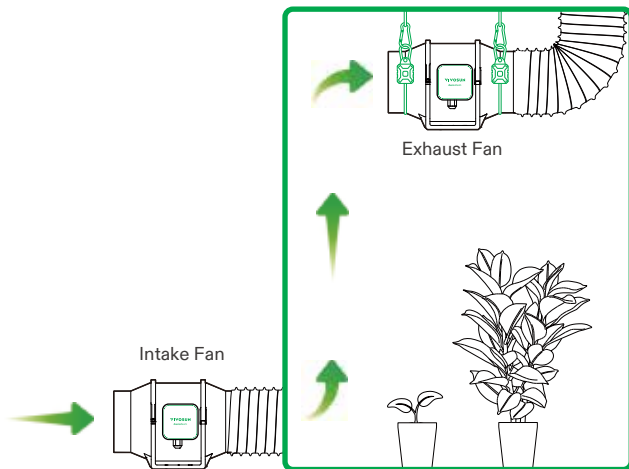
	VSV-AZS4	VSV-AZS6	VSV-AZS8
Size	4 inch	6 inch	8 inch
Input	110-120V/60Hz	110-120V/60Hz	110-120V/60Hz
Average Power Usage	20W	35 W	70 W
Airflow	208 CFM	405 CFM	810 CFM
Noise	39 dB(A)	45 dB(A)	50 dB(A)
Fan Speed	3000RPM	3100RPM	2700RPM
Electric Motor	EC-motor	EC-motor	EC-motor
Bearing	Dual Ball Bearing	Dual Ball Bearing	Dual Ball Bearing
Bearing IP	IP44	IP44	IP44
Bearingsrated	67000H	67000H	67000H
Certification	FCC,CE	FCC,CE	FCC,CE

APPLICATION

AeroZesh can be used as an exhaust fan or an intake fan for your grow space, and each has different setup position for optimal ventilation.

Exhaust fan: Hung or mounted on the highest opposite corner inside your grow space. Airflow arrow points away from your grow space.

Intake fan: Mounted at a bottom corner outside of your grow space. Airflow arrow points toward your grow space.

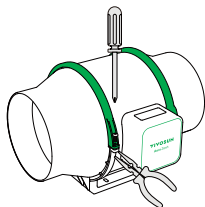


INSTALLATION

1. MOUNTING AS AN INTAKE FAN

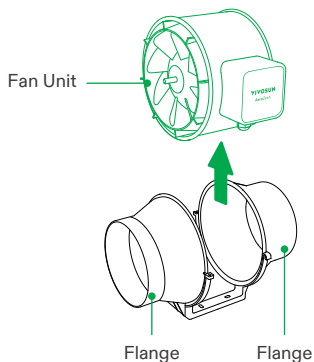
STEP 1

Unscrew and loosen the buckles on the fan unit.



STEP 2

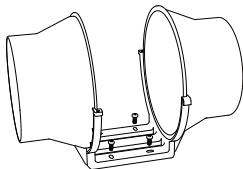
Remove the fan unit from the flange bracket.



INSTALLATION

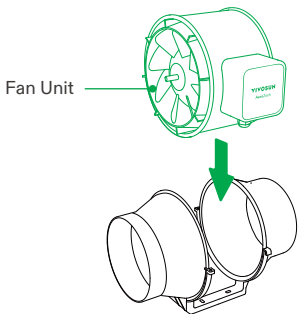
STEP 3

Drill four holes and fixed the two flange brackets on the desired position of a wood support or stud with four wood screws. For mounting on a surface other than wood, fix the wall anchors in the holes before screwing the wood screws to fix the flange brackets.



STEP 4

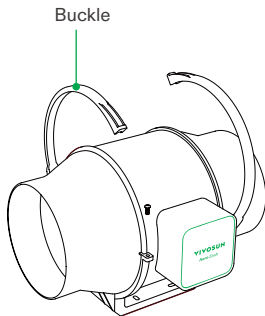
Slide the fan unit back between two flange brackets, make sure the airflow arrow on the fan unit is the same direction with that on the flange bracket. Then tighten the metal clamps to secure the fan unit.



INSTALLATION

STEP 5

Put the buckles back on the fan unit and fix with screws.



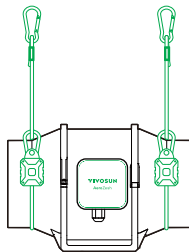
INSTALLATION

2. HANGING AS AN EXHAUST FAN

A. HANGING UPWARD

STEP 1

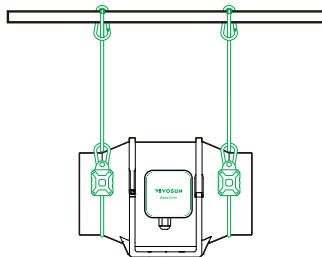
Use two rope hangers loop around the flanges as showed in picture, lock the hooks on the ropes to secure the fan.



STEP 2

Loop the other end of two rope hangers around a pole as showed in picture, lock the hooks on the ropes to secure on the pole.

Press the yellow button on the rope hangers and pull the ropes to adjust the height of the fan.

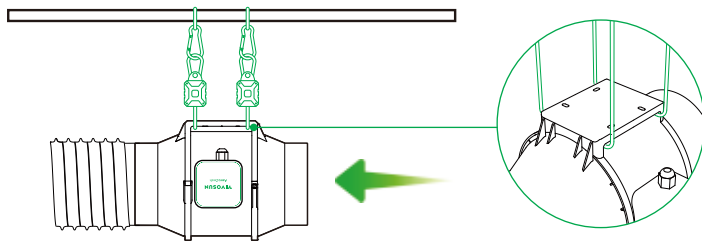


INSTALLATION

B. HANGING DOWNWARD

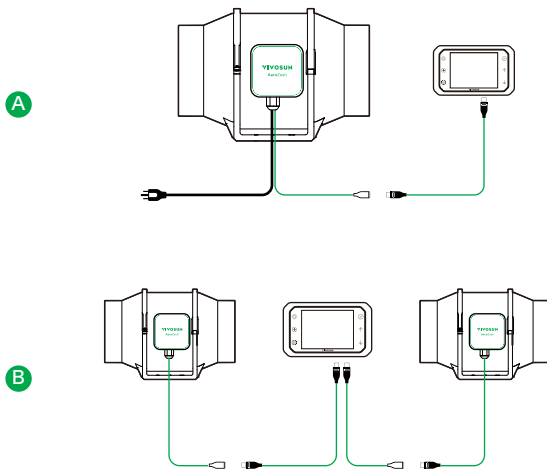
Loop the two rope hangers around a pole and the flange brackets of the fan. Secure two hooks on the same rope for both rope hangers.

Press the yellow button on the rope hangers and pull the ropes to adjust the height of the fan.



INSTALLATION

3. CONNECTING TO THE VIVOSUN GROWHUB CONTROLLER



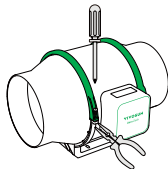
Use a type C extension cord to connect an AeroZesh to a GrowHub controller(A). A GrowHub controller has two type C ports to control two AeroZesh(B).

MAINTENANCE

Regular cleaning each year is suggested. **Make sure to turn off power before cleaning.**

STEP 1

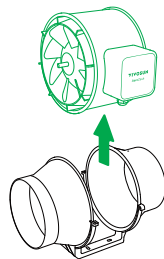
Unscrew and loosen the buckles on the fan unit and remove it from the flange brackets.



STEP 2

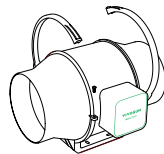
Use a damp cloth to clean the fan blades and the impeller.

Remove the wind circle in between the fan unit and intake flange. Clean the inside of intake and exhaust flanges and the wind circle.



STEP 3

After cleaning, put the fan unit and wind circle back into the flange brackets and secure the buckles.



SAFETY INFORMATION

- Please read the manual carefully and follow the instructions before installing and operating the fan.
- The input voltage of this fan is 110Vac~120Vac. DO NOT use the fan under higher input voltages.
- The air transferred shall not be flammable, explosive, corrosive. The environment temperature shall not exceed 40°C.
- Direct spraying or cleaning by water or other liquid is forbidden. This may cause short circuit or electric shock.
- Installation on window or outdoor is forbidden.
- Avoiding air reflux via open air flue or other fired equipment.
- DO NOT use chemicals as gasoline, benzene and diluent to clean the fan.
- DO NOT let water into motor and electric parts, or make the plastic parts immerge into water with temperature higher than 60 °C.
- DO NOT cut off or reconnect the power cord. If the power cord is damaged, please contact us. Any unauthorized modifications will void the warranty immediately.

WARRANTY INFORMATION

WARRANTY TERMS

1. We offer a 3-year warranty against manufacturing defects for all of our products from the date of purchase. If you need warranty assistance, please contact us as soon as possible.
2. The warranty does not cover damage due to high moisture levels, water damage, power surges, improper hanging/mounting, improper use, dust build-up, or users' unauthorized modifications.
3. In the USA, if any AeroZesh duct fan ceases working within 30 days of use, you can choose:
 - (A) Exchange: We will email you a pre-paid return label. Please ship the light back to our USA warranty center and a replacement will be sent to you free of charge as soon as we receive the defective product.
 - (B) Refund: We will email you a pre-paid return label. Please ship the product to our USA warranty center and we will issue a refund as soon as the light has been received. Refund periods may depend on the processing time of your bank or institution—usually, a refund takes about 5 business days to be processed.
4. Our company reserves all rights to the final explanation of this warranty structure. If you have any questions about our warranty policy, please contact us.

Designed by **VIVOSUN** in California.
Made in PRC