

MARKET LEADER IN
**AIRFLOW
TECHNOLOGY**

vertairsolutions.com | (650) 739-3009



YOUR SOLUTION TO BETTER **VERTICAL FARMING**

Vertical Air Solutions' patented air circulation system provides canopies with uniform air circulation while homogenizing the atmosphere in a multi-layered rolling rack platform.

Developed by growers for growers. This system provides increased air flow control, by integrating filtration and CO2 delivery for vertical farming applications.



Increased Consistency

Regulate environmental factors such as temperature, humidity, and CO2 levels for more consistent yields.



Enhanced Crop Yield

Increase the quality of your crop at any scale, by maximizing control over the indoor growing space.



Decreased Crop Loss

Eliminate the risk from potential issues like powdery mold or mildew.



SAVE UP TO

68%

**IN ELECTRICITY COSTS PER YEAR
COMPARED TO CIRCULAR FANS**

TAKE CONTROL OF **YOUR ENVIRONMENT**

Effective and consistent air circulation is a **must** for any successful vertical farm. Fixed or oscillating circular fans provide uneven air movement and require complicated electrical sourcing. The VAS Air Circulation System's integrated air filtration module allows for the purest possible airflow and its unobtrusive design disappears alongside the grow lights under the upper rack.

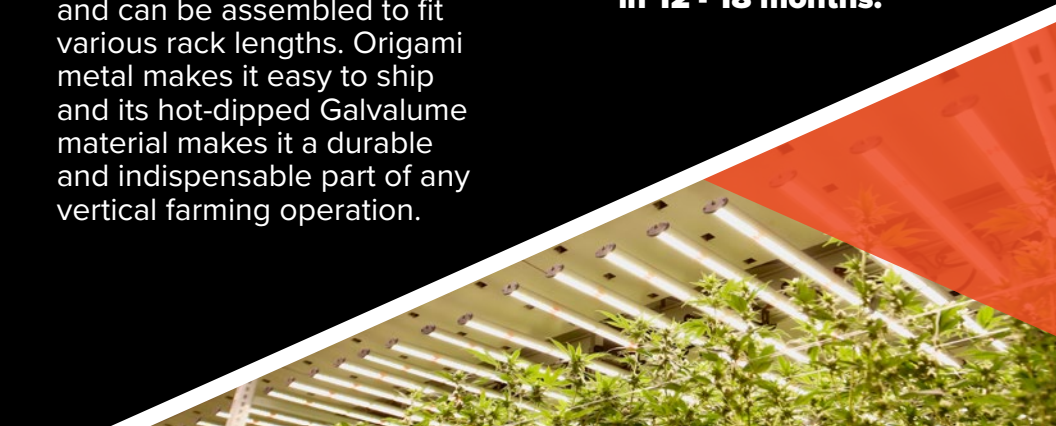
VAS systems are easy to install and can be assembled to fit various rack lengths. Origami metal makes it easy to ship and its hot-dipped Galvalume material makes it a durable and indispensable part of any vertical farming operation.

U.S. Patents:

U.S. Patent No. 10,694,682 B2
U.S. Patent No. 10,806,099 B2
Other U.S. and foreign patents pending.

RACK UP **THE SAVINGS**

The VAS Air Circulation System, depending on the rack length, will save 46 - 68% in electricity costs per year, compared to circular fans, and will **pay for itself in 12 - 18 months!**



PLANT DRYING **HANGERS**

VAS Plant Hangers specifically target the needs of cannabis cultivators. With an opening on one side, stalks are placed directly on a horizontal bar, instead of being threaded through the hanger. These hangers are also taller to allow for longer base stems and the indentations on the horizontal bar keep the plants equidistant from each other, assuring even drying and consistent yields.

The sturdy, antimicrobial construction of the hangers allow for years of re-use. When combined with rolling racks that can be weighed, and go straight from flower room to drying room, the plants are touched only one time, reducing the risk of damage.

U.S. Patent No.
US D873,036 S

CUT HANGING TIME
IN HALF
WITH VAS HANGERS





PLANT DRYING HANGER BENEFITS

- Cuts hanging time in half.
- Reduces plant breakage and loss from handling.
- Hangers last for up to five years of continuous use.
- Allow for more efficient use of labor and space resource.
- Even drying rates create a more consistent product.
- Cost savings and lowered environmental impact from continuous re-use of hangers.

*“With VAS hangers, Fog City Farms experienced a **56% increase in efficiency**, with a manpower savings of \$5,376 per 1,600 sq. ft. harvest.”*



TESTIMONIALS

“We are absolutely loving the Vertical Air Solutions system by the way! It is definitely a game changer and I can’t wait to outfit our whole facility with the trifecta of cultivation technology!”



“In eighteen months of production, we have never tested positive for a single pathogen from our harvests. The electricity costs of the Vertical Air Solutions system help keep our operation efficient and profitable.”



“First of all, we are **LOVING** the VAS system. We’re really happy with its performance, and our room and canopy has never had a more homogenized environment. You can count on us using VAS for every future room that we build!”





CUSTOMER COMMITMENT

With a relentless focus on innovation that increases the efficiency and yield of their clients, as well as an unwavering commitment to stable and interdependent partnerships, Vertical Air Solutions™ has positioned itself as a responsible, customer-focused, and responsive player in the cannabis ecosystem.

A DIVISION OF PIPP HORTICULTURE

Pipp has dominated the Mobile Storage Industry for over 40 years and they carried that same passion and innovation over to Vertical Air Solutions™. With Pipp's experience in equipment sales and manufacturing backing them, Vertical Air Solutions™ has become an industry-leading provider of air circulation systems and products for the indoor vertical farming cannabis industry globally.





CONTACT US FOR
MORE INFORMATION

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