



VGROW INDOOR

Nothing is better than your own grown
www.victoryfarmat rooftop.com

product description

VGROW INDOOR is designed for easy setup, it's consist of different designs and materials that forms a **residential** model of vertical farming system.

There are 12 VPOTS stacked each level which forms the vertical tower. **How It Works?** The water in the tower is circulated up and down by a low power consumption submersible pump that circulates the water up and gravity feed rain down to each level. This in fact attracts more **OXYGEN** aerating the roots zone which kicks in the Aeroponic Technique, creating a **healthier** plant growth.

One of the materials used it's made of food grade Polypropelene Copolymer EPC40R. The materials used meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520(a)(3)(i) and (c)3.1a. The adjuvant meet their respective FDA regulations and 21 CFR 177.1520(b). In summary, this meets the FDA criteria covering safe use of polyolefin articles and component of articles intended for food contact use. TSCA Registry: CAS# 9010-79-1.





save energy.

VGROW INDOOR does not use much power but **save** energy. There's a timer provided that can **automatically** turn on and off the tower from time to time, i.e. 8pm to 8am (12 hours during night) or every 6 hours on off intervals; and the plants are still **alive** and well. Due to the fact that our growing medium we use is VGermimix, high water retention, root supporting structure, high air proposition.

VGermimix has the potential to store and release **nutrient** to plants for **prolonged** duration of time. It also has great **oxygenation** properties which is essential for healthy and balanced root **development**.

It contains organic substances and helpful microorganisms for plant **growth**. It's good for ventilation and drainage. High organic matter, enhance the development of roots. Contain plant base compost. **Natural** compost ensure plants grow healthily. Added with calcium for Stronger plants, Crunchier and Thicker leaves. **Safeguard** the survival of plants and more obvious effect. Plants are easier to take care, greener leaves, higher blooming rate.

It's **biodegradable**, it's reusable after composting, it's eco-friendly.

biovertiponics

It's not just plastics and containers which forms VGROW INDOOR. It's an **ecosystem** we have built-in with a *symbiotic relationship* between microorganism and plants, mimicking **nature** factoring into the system; where beneficial microbes, probiotics breaking down organic matters from natural **minerals** into plant nutritions with sufficient sunlight or light source that helps in **photosynthesis**.

VGROW INDOOR activates **BioVertiponics** Cultivation Techniques, It's a hybrid of combination cultivation techniques which consist of hydroponic, aeroponic, bioponic into vertical farming system. Using organic mix, beneficial microbes, probiotics, as biofertilizing, that biodegrades, creating a more sustainable and environment friendly soil-less cultivation.





natural minerals.

Our VFert we used for VGROW INDOOR is a combination of organic matters, organic molecules, **natural** proteins, beneficial microbes, molasses & probiotics with uses a modern microbiological fermentation technology. It **Increases** crop yield by 20-30%, increase nutrient uptake **Improve** crops resistance towards diseases and harsh environment and improve opening of stomp's and photosynthesis, supporting crops to **grow** better and greener. Chelating effect helps to carry minerals and trace element efficiently. Stimulates plant **enzymes** and increase production.

Designed by VictoryFarm@Rooftop Malaysia and it's only **suitable** for the use of VGROW INDOOR together with VGermimix, to help to induce vigorous growth and yield. Rich in Organic Matters, Beneficial Probiotics & Microbes, Natural Minerals, Nutrients and Elements which are essential to plant growth. Function to increase nutrient uptake, reduce leaching. **Helps** proliferation of microbial activities. Improves plant stress and disease tolerance. Increase chlorophyll production and growth. Promotes strong roots and **healthy** leaves.

relax.

Because of the raining effects in the tower, it produces a **smooth** water flowing sounds which helps in **relaxation**. Seeing or hearing the soothing sounds of moving water triggers a response in our brains that induces a flood of **neurochemicals**. These chemicals increase blood flow to the brain and heart, which induces relaxation.



benefits:

Impression Looks good. Slim Sleek, Fresh, eco friendly & safe.

No need to setup because it's **already** pre-installed for you. Once you **receive** your VGROW INDOOR, just **plug** into socket & start **growing** the seeds. No need to depend on sunlight as you can grow **indoor**. You can **connect** to water source - no need worry about watering, can go **holiday** for 7 days.

Water controller - water **automatically** stop refilling when the water level is at the maximum. The timer will **automatically on-off** watering and light. There are wheels at the bottom of the tower for **easy** movement. Seamless led grow light pillars, **sleek** design. Doors can close to capture overall light and reflect back to plants for **photosynthesis**. Water running sound effect that **calms** and **sooth** emotions.

Save space, time, water, hassle & money. Nothing is **better** than your own grown vegetables, which is **safer** to consume your own **fresh, juicy, crunchy** edibles, for self sufficiency.

You are able to grow or produce **60X** more plants in just 1.5sqft of space and it's **easy** to move about





prevent tip-over accidents

We all want our homes to be a **safe** place. But in our homes, accidents can put children at risk. By working together, we can help prevent these accidents and make the home a safer place.

The **best** way to prevent tip-over accidents is to ensure that VGROW Indoor are **anchored** to the wall.

We have included tip-over restraints that needs to be **secured**, and wall attachment is an integral part of the assembly instructions.

Secure it! VGROW INDOOR better be securely attached to the wall. Use the tip-over restraint provided with the product and the right hardware for your wall type.

[WARNING] Never let children climb or hang on VGROW INDOOR

sustainable impact

We want to create sustainable impact for humanity. We will do our best to source and use all of our materials in our products to be recycled or sustainable. By using particle board, wood chips and etc instead of full solid wood, we strive to use less wood per product to take better care of resources.





baby greens

We are a great ambassador of GROWING OWN
BABY GREENS VERTICALLY.

Baby greens are **harvested** when they are 15 to 25 days old...They're more **tender** and bite-sized.

They contain a good variety of **polyphenols** and other **antioxidants** which can be beneficial for Alzheimer's disease, diabetes, obesity, heart disease and certain types of cancers.

Eating baby greens can also **lower** your risk of these diseases." - Akanksha Mishra, a Nutrition and Wellness Expert associated with myUpchar

So instead of buying BABY Greens, you can **grow** own Vertically at home Easily. Fresh from Farm to Table

HOW IT WORKS?

STEP 1: SETUP TOWER

Once you have received your VGROW Tower, there are already USER-MANUAL & VIDEO TUTORIAL for you to follow the instructions on how to setup the towers **EASILY**.

STEP 2: GERMINATE

In your GROWING Manual, there will VIDEO tutorial provided. You will also be guided on how to germinate from seeds to Seedlings.

STEP 3: TRANSFER

This is the FUN part especially for kids, (they simply love doing this part). Just transfer your live Seedlings to the Tower, just like that.

STEP 4: FERTILIZE

Once the Seedlings are transferred into to Tower, just pour in our **VFERT** into the Tower as instructed accordingly in the USER-MANUAL

STEP 5: HARVEST

This is the most Joyous part. Just harvest the entire plant or for some plants you can just cut off the leaves, and they are ready to be served, either fresh or stir fry to your choice.





features:-

- Size: 180cm x 50cm x 50cm
- Colour: White
- 12 Levels
- 60 Planting Pots
- Solid structure w/ cabinet
- Sturdy Frame
- Solid surface
- Moisture and scratch-resistant,
- Easy to keep clean.
- Auto-watering
- Water Level Controller
- Integrated with VGroLights
- VGroLights PAR Specs:
- Temp: 6500K
- PPFD: 400-600 $\mu\text{mol/s/m}^2$
- DLI: 15-30
- VPD: 0.80-0.95
- VgroLight Wattage: 0.05kw
- VPump Wattage: 0.02kw
- Small, neat, easy to furnish
- Low Maintenance
- Special Glass Panels features
 - Anti-glare glass reducing 50% of the light brightness view from outside
 - Veiling Reflection reflecting glare inside for plants to absorb full light source

PACKAGE inclusive:

- Seeds x 1 unit
- VGermimix 2L x 1 unit
- VFilters 60 pcs x 1 unit
- VFert 500ml x 1 unit
- Timer x 2 units
- VGroLights x 4 units
- VGroLights connectors x 4 units
- VGroLights enclaps x 4 units
- VRollers x 4 units
- VPOTS x 12 levels
- VCUPS x 60 units
- VTank 30L X 1 units
- VPump x 1 unit
- Water level controller x 1 unit
- Fitting connector x 1 unit
- Internal Irrigation Tube (black) x 1 unit
- 3 pin socket x 1
- Internal wirings connections
- User Manuals
- Growing Resources
- Membership Portal
- Video Tutorials
- Weekly Customer Training
- Ongoing Support

Suitable for:-

- places without enough sunlight i.e. inside a building,
- landed and/or condominium
- F&B outlet
- Shopping Malls
- Anywhere, as long there is power in the facilities.

Requirement:-

- Must be placed indoor

