

You can choose
the food you
eat,

You can choose
the water you
drink,

You can't choose
the air you
breathe.

Until now...



engineered by

in vitro[®]
www.invitro.sg
Made in Singapore

The natural way of purifying air
Botanicaire[™]



Fresh Air Never
Looked So Good

did you know?

Toxic gases are surrounding and being inhaled by everyone on a daily basis.

New home smell, paint smell and chemical odors from furniture, plastics and many other sources come from potentially deadly pollutants known as Volatile Organic Compounds (VOCs).

According to the U.S. Environmental Protection Agency (EPA), VOCs are emitted by thousands of man-made products including paints, cleaning supplies, building materials, furnishings and printers.

the facts

The term VOC may be new to you, but VOC effects are not. VOC exposure is linked to common health problems such as headaches, fatigue and nausea, along with devastating long-term consequences including liver disorder, kidney failure and Leukemia.

As stated in EPA reports, "Indoor air can be ten times worse than outdoor air due to the presence of VOCs".

the solution

There is only one natural cure to the VOC threat and that is Botanicare- The World's First Biological Air-Detoxifier. Botanicare utilizes the combined power of a dynamic airflow device, activated carbon filtration, specialized plant species, and proprietary microbes to protect your health from environmental toxins.

The true uniqueness of Botanicare is contained within our exclusive and specially formulated microbial solution which is capable of removing the highest amount of VOCs.

Powerful technology for a powerful problem, developed right here in Singapore.

the conclusion

Air purifiers can only remove pathogens and dust. They do not have quantified VOC removal capability and often create health-harming ozone.

Only Botanicare can protect you by removing deadly VOCs from your airspace.

proven efficiency

VOC remaining/ ppm



Botanicare is proven to remove more than 95% of free-floating VOCs within an hour in an airspace of 200 sq.ft.

botanicare

- Compact. Perfect for home, office, or any enclosed space.
- A highly effective product that can dramatically improve your indoor air quality.
- The first biological air detoxification system to utilize specialized plants and proprietary microbes for VOC removal.
- Able to remove more than 95% of free-floating VOCs within an hour in a recommended airspace of 200 sq.ft.

plant sushi

Choose from our selection of Plant Sushi specialized in removing specific VOCs to meet your air detoxifying needs.

• Syngonium Standard Cartridge

Efficent in the removal of VOCs (Formaldehyde) associated with fabrics, plastics, paints and many more.



• Red Fittonia Standard Cartridge

Best for the removal of VOCs (Benzene and Toluene) associated with rubbers, dyes, silicon sealants and many more.



• Green Fittonia Standard Cartridge

Best for the removal of VOCs (Benzene and Toluene) associated with lubricants, detergents, brooms and many more.



• Lush Premium Cartridge

Contains several different plant species for maximum beauty and affect. Best for the removal of total VOC (TVOC).



• Zen Premium Cartridge

Contains decorative stones along with specialized plants to balance peaceful appearance with practical VOC removal. Best for the removal of total VOC (TVOC).





Thank you for your purchase of Botanicaire and we hope you enjoy the benefits of air, purified by nature.

What comes with your Botanicaire unit:

1. One top cover/ hood
 - 1.1. One fan with casing, screws and filter integrated into the unit
 - 1.2. One LED wrap around light near the top of the unit
 - 1.3. One activated charcoal unit which will appear as a higher extension of the fan
2. One Botanicaire body with four snapping extensions.
3. One bottom water reservoir with four curved fittings to snap the extensions into place.
4. One three-pin adaptor for your Botanicaire unit
5. Four Plant Sushi cartridges with plants, wicks and pro-biotic infused Seramis stone included with each.

SETUP MANUAL- Plant Sushi& Botanicaire

Thank you for your purchase of Botanicaire. Before you can begin to breathe naturally purified air you will need to assemble your unit. Be aware that Botanicaire is a product with three separate parts; base, middle and top. We will take you through step by step, beginning with the Plant Sushi cartridges.

- a) Open the packaging of your Plant Sushi cartridge and tear off the side flaps at the opening of the packaging by pulling gently.
 - b) Once the packaging flaps are removed, take from the packaging your "Plant Sushi" cartridge by the flaps on the cartridge itself, being careful not to spill the contents.
 - c) Once removed, take your Plant Sushi cartridge to your Botanicaire unit, and set the tip of the wick hanging from the cartridge into one of the four small holes surrounding the center of the unit.
 - d) Once placed, lower gently and make certain the wick is hanging into the water reservoir and is not caught underneath the cartridge.]
1. To get your Botanicaire ready for operation first remove the top-cover of Botanicaire and set it so that it will not either roll over, and off a surface or fall over and harm the electronic components.
 2. Removing the middle body and the bottom sections: Take your hands and place them on the Botanicaire unit so that your thumb and index finger are on the middle part of the unit, and the rest of your hand is on the bottom/water reservoir.
 3. Once you have your hands placed on the unit, hold your three fingers against the reservoir while twisting clockwise with your index fingers until you see that the extension has cleared the locking curve, or until the Plant Sushi separator appears diagonal to the reservoir.
 4. Once the two parts are unlocked, lift the body section and place it aside on a level surface.
 5. Fill the bottom section with water, but beyond the MAX marker
 6. Place the body of Botanicaire back onto the water reservoir and twist counter-clockwise until the two pieces lock. Do not push farther once locked, to prevent breakage.
 7. Remove your Plant Sushi from their packaging with the included Plant Sushi instructions and place them into Botanicaire.

8. Once the Plant Sushi are in place, take the top section of Botanicaire and place it back on top of the device, with the Botanicaire logo in front and the power niche in back.
9. Carefully move your Botanicaire unit to your chosen location.
10. Enjoy cleaner air, and a healthier lifestyle.

INSTRUCTION MANUAL: BOTANICAIRE

- Read all instructions carefully before using this, or any other product
 - The user manual and packaging should be retained, as it contains vital information regarding this product and its use.
 - Botanicaire comes with its own LED lighting source, and therefore **does not** require placement in the sun or near any source of heat, and in fact placement in direct sunlight has detrimental effects on the product, so **DO NOT** under any circumstances expose Botanicaire to direct sunlight or any other heat sources.
 - **Do not** clean with any solvents except for plain water, as chemical cleaners will crack the fragile acrylic structure.
 - For your safety; only use a power adapter with input voltage corresponding to the value displayed on the rating label.
 - Do not use Botanicaire if it appears to be defective, if its cord is damaged or if it has fallen/been dropped and shows obvious signs of damage.
 - Only use Botanicaire as suggested and intended by In Vitro and this manual.
 - Do not place fingers or hands into the fan or the fan guard.
 - This is a fragile acrylic product that comes in three sections, and therefore should be handled with care at all times. Always use both hands when handling your Botanicaire system. And as it is a fragile acrylic product; do not drop it.
- It is normal for the plant cartridges to look dry after continuous usage, as air is constantly being passed through the soil. Water the Seramis whenever it appears to be dry to ensure long lasting plants.
 - During assembly of the product, ensure that there are no leaves caught between the four internal pillars and the top cover.
 - The water level should be kept within the maximum and minimum marks at all times. Keep water level at maximum mark to ensure optimum VOC removal.
 - Change the water whenever it is dirty. Rinse the base container before refilling it with water.
 - This device was specifically created for indoor, enclosed room use only.
 - Do not fill the water tank past the level listed as “Max or Maximum”.
 - Be certain that the voltage of Botanic ire’s adapter is compatible with your electrical system.
 - Do not obstruct the fan in any way.
 - As this product contains Seramis, a type of small stone, close supervision is necessary when the product is used around small children to prevent a choking hazard, though as with any electrical device, close adult supervision is necessary when using this product near any children.
 - This device is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the unit.
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FEATURES:

- Removes from your and your family's personal airspace, chemicals and toxins known to have a detrimental effect on human health, otherwise known as VOCs or "Volatile Organic Compounds".
 - Uses an organic plant and bacteria-based system that literally absorbs the VOC toxin components from your airspace and breaks them down into harmless particles within the plant cartridge, using processes that occur in nature every day; except these processes are maximized for efficiency and effect within the Botanicaire system.
 - Uses VOC removal functions of specific plants and bacteria that have been observed working under laboratory conditions, repeatedly, so that you can be sure our VOC -removal technique is an established and safe method to remove toxins from your environment without adding anything more than the gentle hum of a fan to your personal space.
 - In addition to VOC removal, your Botanicaire system is also a complete air purifier; taking the dust and other undesirable elements in your airspace and collecting them in the water reservoir, to further protect you from environmental hazards in your airspace.
 - Botanicaire is a low-input, high effect device, meaning all that is required for you to have a cleaner airspace is to replace the water in the reservoir once a week, and occasionally add a tiny volume of water to the Seramis-plant mixture, and for that you can have 99% efficiency in the removal of VOCs (formaldehyde, along with further removal of benzene, toluene, and other hazardous substances), from your airspace.
 - This is a low power device, that uses only a simple fan to begin its revolutionary process of VOC removal, having no expensive filters to replace; and in addition, the Botanicaire system does not generate ozone; a substance which has dangerous health effects when humans are directly exposed to it.
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PLACEMENT:

Botanicaire's revolutionary approach of using complex organic processes, packaged simply in a small, neat, shell for your use, means that it can effectively be placed in any space not exposed to the open air (within reach of a power outlet), and in these enclosed spaces, reduce the accumulated harmful toxins, that have built up around you, and those you work and live with.

Botanicaire works where you work, play, and live.

- Offices
 - Bedrooms
 - Dens and family rooms
 - Living rooms, dining rooms, and kitchens
 - Virtually any enclosed space.
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USE & MAINTENANCE:

Botanicaire is turned on and off by plugging in or unplugging the device, from either the power outlet, or removing the adapter end from the device itself. As Botanicaire includes its own light source it does not require direct sunlight, and in fact sunlight adversely affects the product and is not covered under your warranty. Botanicaire should only ever be cleaned with soap and water, as any solvents will adversely affect the product.

If you wish to conserve power you may use Botanicaire only when you are present, during office or home hours, or leave the unit continually running during the week, turning it off during the weekend. You may also leave the device on 24/7 for larger coverage area.

Your Botanicaire unit includes a removable fan guard and a filter, both of which can be removed and cleaned if they become dusty, along with an activated carbon filter.

Plant Maintenance: We recommend you water the plant with the included dropper during the first two weeks (three droppers full per day per plant), or when it is obviously dry (which will be apparent if the stone turns pink). The wicks dropping down from the Plant Sushi will provide most of the water, so long as you top up once to twice per week.

You may trim the plants with ordinary scissors if they become big enough to interfere with the normal functions of the unit. If the plant dries up or dies for any reason you can purchase another cartridge from In Vitro or our distributors. All plant sushi have a one week warranty that can be activated in case of a plant death within seven days following the purchase date.

Additional Uses: Botanicaire can also second as an aquarium, and can be used in conjunction with fish which have a tolerance for low-oxygen environments. For suitable species and care instructions please consult a fish specialist.

SPECS:

Power Consumption: 12 W

Recommended Coverage: 200 sq ft (8 hours of usage)

Net Weight: 1.5 Kg

Operating Weight: 3kg

Dimensions: 200mmx215mm

Noise Level: 28 db

Air Flow Rate: 50m³/h

Cartridge Replacement: 6-12 Months

