

A SAFER AIR ZONE

for your customers indoor.

V-Guard

air filtration system

Industrial Strength Air Filtration for Commercial Spaces

Equipped with:



TerraComb[®]
Ceramic activated Carbon with Catalyst



Improve Indoor Air Quality

3+1 stage filter system effectively removes airborne contaminants and inactivates 99.99% of viruses.



Clean yet Comfortable

Improves ventilation with higher air change per hour for cleaner indoor air.



Create a Safer Air Zone

You can't control the air quality beyond your space. But you can create a Safer Air Zone with our products which cater to different space sizes.



Gain a Competitive Business Edge

People prefer to be in places where Safer Air ensures Safer Breathing, instead of places with unprotected air.

SAFER AIR SAFER BREATHING

Air Assurance Inactivates Viruses by **99.99%**

Concentration of viruses is **HIGHER** indoors than outdoors



While you might think that outdoor air is dirtier, the truth is the concentration of viral particles indoors is actually higher. This is because indoors are more likely to suffer from insufficient fresh air supply — a condition which may greatly increase the risk of occupants inhaling viral particles.

The key to prevent the above scenario is to integrate indoor spaces with high performance air filtration. As an industrial strength air filtration system, JAF is able to deliver the next level ventilation to ensure safer indoor breathing, allowing your employees to work without worry and customers to visit with peace of mind.

Are you using the most effective Ventilation Mitigation Strategy?

	<h3>Air Filtration</h3> <ul style="list-style-type: none"> • HEPA Filters • Mechanical Air Filters • Gas-Phase Air Cleaners 	<h3>Implications</h3> <p>Primary precaution measure, reduces concentration of air contaminants and increases effective ventilation rate.</p>
	<h3>Air Disinfection</h3> <ul style="list-style-type: none"> • Ultraviolet Energy (UV-C) • Ionization • Photocatalytic Oxidation 	<h3>Implications</h3> <p>Secondary precaution measure, disinfects airborne microorganisms with minimal impact to ventilation.</p>
	<h3>Surface Disinfection</h3> <ul style="list-style-type: none"> • Chemical Disinfectant Spray • Vaporized Hydrogen Peroxide • Pulsed Xenon Lamps / 405nm 	<h3>Implications</h3> <p>Secondary precaution measure, kills all remaining infectants on surfaces and stops the spread. Has minimal impact on ventilation.</p>

The use of Portable Air Cleaner is recommended for enclosed spaces.

1 Good Ventilation reduces risk of Covid-19 and respiratory pathogens

2 Ventilation Mitigation Strategy helps to reduce viral particle concentrations.

Why Choose JAF?

1 We are Industrial Experts in Air Quality

For over 60 years, we have been crafting air solutions for professional industries such as semi-conductor factories, data centres, ICU wards, medical and pharmaceutical facilities.

2 We Ensure the Highest Standards of Indoor Air Safety

Our core purpose is to provide Cleanroom Grade Air for your commercial indoor spaces.

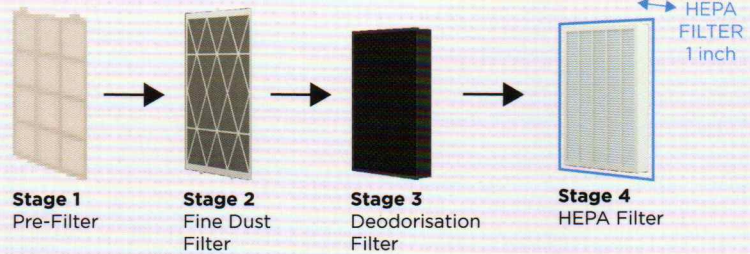
3 Industrial Strength Applications

We provide industrial strength air filtration which is far more powerful than conventional filter systems.

How Are We Different

FILTRATION STAGES

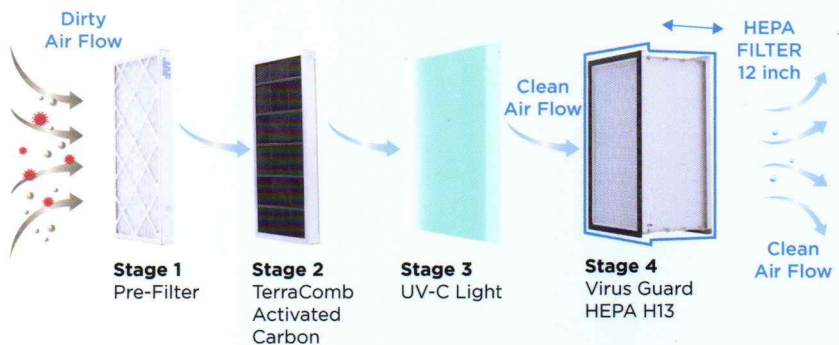
X BRAND



JAF V-GUARD

3 Filtration Stages + 1 Disinfection Stage

- 12X** 12X Greater Filtration Performance
Safer Air
- Longer Filter Replacement Cycle**
Cost-savings Maintenance



TerraComb[®]
Ceramic activated Carbon with Catalyst

With Grid-cell designed activated ceramic carbon, TerraComb has excellent performance in odour removal.



Effectively filter and inactivate 99.99% @ 0.3 micron of fine particles and airborne microorganisms such as viruses, bacteria, allergens as well as smoke and haze.

What is Air Change Per Hour (ACH)?

Air change per hour (ACH), is the number of times that air gets replaced in each room every hour.

Why is it so important?

ACH plays vital role since viruses, germs, VOCs (Volatile Organic Compounds) and dust, tend to linger in the air. The higher the ACH, the higher the frequency to get cleaner air in an enclosed space, the better prevention for airborne viruses' transmission.



Discover how to achieve Cleanroom Grade Air.

Features & Benefits



Virus Guard HEPA

Cleanroom grade 12-inch HEPA filter proven to inactivate airborne virus by 99.99% @ 0.3Qm, including SARS-COV-2.

TerraComb®

Ceramic Activated Carbon

High efficiency in removal of heavy gas pollutants, odours & various VOCs with its large porous surface area.



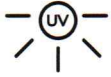
Industrial Standard

Sturdy Metal Structure that meets commercial requirements.



Cleanroom Grade

Leak-free design with compartmentalized stages that are compactly sealed.



UV-C Light

Disinfect harmful pathogens on surfaces with the most effective 254nm wavelength.



Powerful EC MOTOR

Generates high air flow for larger spaces that require high air changes with lower power consumption.



Portable Plug & Play

Readied with casters for easy mobility.



Digital Controller

Weekly or daily scheduling for convenience & energy savings.

Application



Hospitals & Clinics
Enhanced Protection



Schools & Colleges
Cleaner Indoor Air



Hotels & Tourism
Enjoyable Vacations



Retail Stores
Carefree Shopping



F&B Outlets
Peace-of-mind Dining



Commercial Buildings
Safer Workspaces

Product Line-up

V-Guard 600 S

Airflow 600m³/hr
Max noise level 58dBA
Dimensions: H888mm x L370mm x W384mm



- Cover 460 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 570 ft²**
Clean the air every 15 mins (4 air change per hour)
- Cover 760 ft²**
Clean the air every 20 mins (3 air change per hour)

V-Guard 800 M

Airflow 800m³/hr
Max noise level 58dBA
Dimensions: H925mm x L485mm x W500mm



- Cover 620 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 780 ft²**
Clean the air every 15 mins (4 air change per hour)
- Cover 1040 ft²**
Clean the air every 20 mins (3 air change per hour)

V-Guard 1600 L

Airflow 1600m³/hr
Max noise level 56dBA
Dimensions: H1000mm x L740mm x W380mm



- Cover 1240 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 1550 ft²**
Clean the air every 15 mins (4 air change per hour)
- Cover 2070 ft²**
Clean the air every 20 mins (3 air change per hour)

V-Guard 3000 XL

Airflow 3000m³/hr
Max noise level 65dBA
Dimensions: H1300mm x L740mm x W525mm



- Cover 2300 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 2880 ft²**
Clean the air every 15 mins (4 air change per hour)
- Cover 3840 ft²**
Clean the air every 20 mins (3 air change per hour)

JHPS 3000 XL

Air Flow 3285m³/hr
Max noise level 65dBA
Dimensions: H1742mm x W702mm x 616mm



- Cover 2520 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 3150 ft²**
Clean the air every 15 mins (4 air change per hour)
- Cover 4200 ft²**
Clean the air every 20 mins (3 air change per hour)



V-Guard 450B/700B/1000B

Air Flow 530/745/1000m³/hr
Max noise level 62dBA

- Cover 400/570/760 ft²**
Clean the air every 12 mins (5 air change per hour)
- Cover 670/950/1280 ft²**
Clean the air every 20 mins (3 air change per hour)
- Cover 500/720/960 ft²**
Clean the air every 15 mins (4 air change per hour)