

# EXPERIENCE THE POWER AND BEYOND

Powered by QuadSystem™ Technology, the NanoLab Pro™ Air Sterilizer NAS3F3000 will effectively purify, ionize and sterilize your surrounding air for the highest air security protection. Be assured of complete air quality management as the unit eliminates airborne bacteria and viruses over a large coverage area. Used in homes, clinics, childcare centres, offices, trust in the NAS3F3000 to give optimum and protected indoor air and beyond every day.

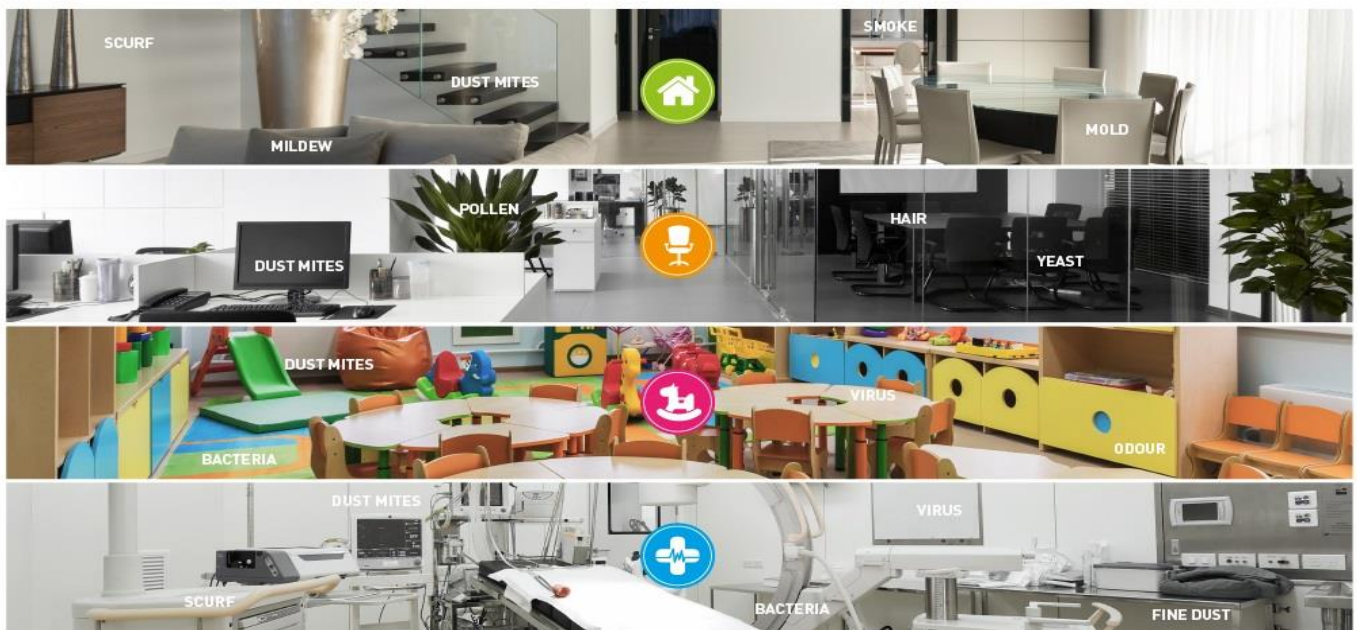
One of a kind in the world, an air cleaner with an ozone generator function.














## THE KEY SPACES

WE STAY IN OR VISIT MOST FREQUENTLY

**INDOOR AIR QUALITY CAN BE 2 TO 5 TIMES, OR  
OCCASIONALLY 100 TIMES MORE POLLUTED THAN THE AIR OUTSIDE.**



## THE COMMON TYPES OF INDOOR AIRBORNE CONTAMINANTS

<b>Virus</b> Size: 0.003 – 0.05 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Small respiratory droplets that become aerosolized when an infected person sneezes or coughs</li></ul>	<b>Dust</b> Size: 1 – 100 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Wall-to-wall carpet</li><li>• Blinds</li><li>• Down-filled blankets</li><li>• Feather pillows</li><li>• Heating vents with forced hot air</li><li>• Dogs and cats</li><li>• Closets full of clothes</li></ul>	<b>Pollen</b> Size: 10 – 100 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Outdoor/ Indoor plants</li><li>• From grasses, trees, flowers and weeds</li></ul>
<b>Tobacco Smoke</b> Size: 0.01 to 1 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Cigarette</li><li>• Tobacco pipes</li><li>• Cigars</li></ul>	<b>Haze Particulates</b> Size: $\leq 2.5 \mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Agriculture fires</li><li>• Fine dust, particulates and smoke accumulates in relatively dry air</li></ul>	<b>Mold Spores</b> Size: 10 – 30 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Survives under harsh environmental conditions or dry conditions</li></ul>
<b>Bacteria</b> Size: 0.3 – 30 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Toilet</li><li>• Kitchen/Pantry</li><li>• Sponges</li><li>• Garbage disposal</li><li>• Dish towel</li></ul>	<b>Animal Dander</b> Size: Approx. 2.5 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• From pets</li><li>• Sticky and light, it easily attaches itself to clothes, shoes, and hair</li></ul>	<b>Plant Spores</b> Size: 10 – 30 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Outdoor/ Indoor Plants</li><li>• Typically transported between plants either by insects or wind</li></ul>
<b>Skin Flakes</b> 5-10 microns 	<b>Sources</b> <ul style="list-style-type: none"><li>• Mattress</li><li>• Pillow</li><li>• Long-fibred carpets</li><li>• Upholstered furniture</li></ul>	<b>Textile fibres</b> Size: 10 – 1000 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Natural sources (animal fur, plant based and insect cocoons)</li><li>• Synthetic methods that uses polymer-based materials</li></ul>	<b>Dust Mites</b> Size: 100 – 300 $\mu\text{m}$ 	<b>Sources</b> <ul style="list-style-type: none"><li>• Carpets</li><li>• Soft/plush toys</li><li>• Beddings</li><li>• Upholstered furniture</li></ul>

## DO YOU KNOW?

A SINGLE SNEEZE can produce up to 40,000 respiratory secretion droplets. Within these secretion droplets, it may contain high volumes of infectious viruses/bacteria. Though insignificant in size, these viruses and bacteria are ever ready to infect.

STUDIES HAVE SHOWN that pathogenic viruses can survive for minutes to hours on surfaces, while bacteria can survive for days to weeks. Many of us spend a large portion of our time indoors. Yet, little do we understand about the microbial diversity on indoor surfaces.

EXAMPLE

# Influenza

It is a highly contagious respiratory disease that can affect any individual.

Commonly transmitted from person to person via respiratory droplets.

## WHAT IS INFLUENZA?

Influenza is caused by the three main types of viruses, namely, Type A, Type B and Type C

## WHAT ARE THE SYMPTOMS?

HIGH FEVER . SORE THROAT . COUGHING . HEADACHE . MUSCLE ACHES . STUFFY NOSE . FATIGUE



Persistent high fever from 38°C to 41°C, severe headaches and extreme exhaustion are common symptom for flu.

## NOT JUST AIRBORNE GERMS AND ALLERGENS. POSSIBLE SURFACE-BOUND BACTERIA & VIRUSES FOUND ON COMMON SURFACES.



WASHING  
AREA



CLEANING  
CLOTH/SPONGES



BATH/WASH  
ROOMS



SHARED  
TOYS



HANDHELD  
REMOTES



TOUCH  
SCREENS



OFFICE  
EQUIPMENTS



ELEVATOR  
BUTTONS

# Hospital air purifiers/ fresher/cleaner/Generator/ Ionizer/ Anion Generator/HEPA filter, Air cleaner

**Model No.: NAS3F3000**

*Suppressing the bacteria that causes aerosolized bacteria,  
infections, pollen, and other air pollutants.*

## **Function:**

1. With 8 kind of filter system, make sure to give you a good quality air;

HEPA net + high density active carbon + cold catalyst + honeycomb activated carbon + light catalyst net + ozone/anion sterilization;

2. The most advanced cold catalyst technology;

can absorb and decompose formaldehyde, break down formaldehyde and other toxic gas into carbon dioxide and water.

3. 2 operation model: auto and manual;

auto mode: the device will auto adjust the motor/fan speed according to the air quality, make sure to give you the fresh air,  
and make full use of the auto function;

manual mode: you can adjust the motor/ fan speed manually;

4. Auto protection function

when the front suddenly be moved, the device will auto power off.  
(we suggest to power off before you move the front cover)

5. With LCD screen + touch button + remote control, easy to operation;

6. timing function, 1/ 2/ 4/ 8/ 12 hours you can choose;

7. anion+ ozone

anion will auto work when power on;

the ozone will work 3 mins every 15 mins after turning on;



**Sensing range:**

| smoke, Incense, cooking and pet odours

| cosmetics, alcohol

| Spray

**Features:**

Adopts the high efficiency filtrate net which is made of fiberglass, can filtrate small particle with the size less than 0.0001mm, such as dust, bacillus, farina, virus and so on which can cause decease, it also has active carbon filtrate net which can effectively get rid of smoke and peculiar smell in the air to reach higher fresh air output (CADR)with the high air current design of purify machine. Micro computer control, five-lay filter and over oxygen device, with high level, mid-level and low-level wind, Temperature and humidity sensor, Air quality induction, Air volume working state display, LCD display temperature and humidity, Air quality status display + touch-key control, Timing function, Sensor, touch screen, remote control.

This machine creates ozone from oxygen in the air, defusing it into a high concentration. Ozone gas, by its abundant oxidizing power, suppresses viruses and pathogens that adheres surfaces.

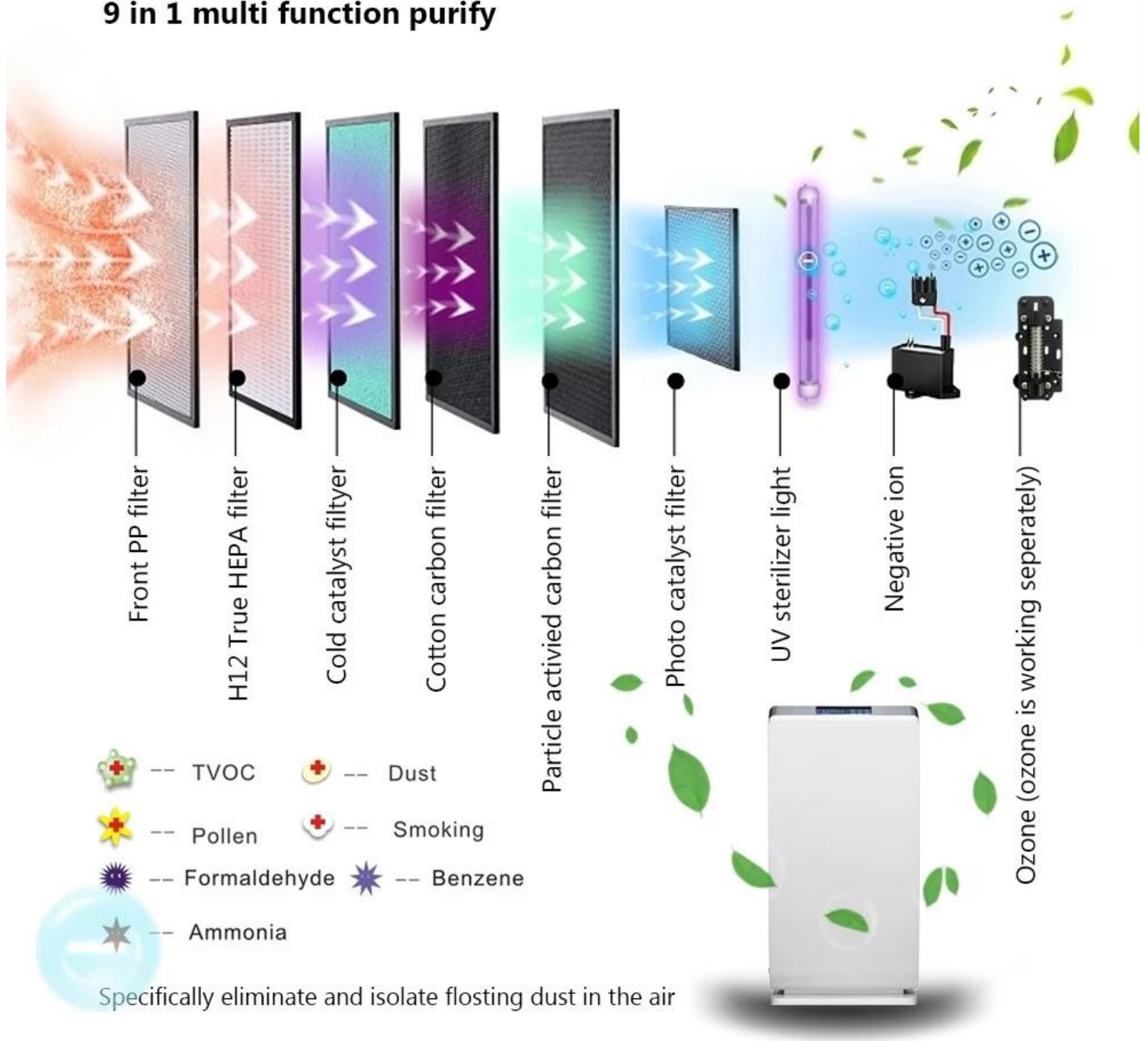
Upon completion, the machine automatically identifies the ozone within the air and produces oxygen.

The sterilizer can suppress the influenza virus, and MRSA (methicillin-resistant staphylococcus aureus).

**"Ozone can suppress the coronavirus..."**

**EVIDENCE FROM NARA MEDICAL UNIVERSITY IN JAPAN.**

## 9 in 1 multi function purify





## High resolution touch screen

Directly show the working status , also can lean the humidity and tempareture in time;

With 2 working modes , under the auto mode , the machine can auto adjust the fan speed according to the air quality changing



## Air sensor & 3 color show air quality



**Green**  
Air quality is good, keep in quite status when sleep



**Yellow**  
A little pullution , work in mide speed , increase the speed of purification



**Red**  
Bad air qualtiy , working in high speed , effectively purify the air



## Product details



With an invisible handle on the back of machine , easy to move

45 degree air outlet design ,auto on/off with the machine power, keep the machine inside clean



Auto power off when open the front cover to protect the customer;s safety



## Negative ion and ozone function



This unit can produce Negative Ion, which abounds in our natural environments such as forests, waterfalls, mountains and seaside. Negative ions are useful for enhancing the metabolism and homeostasis of the human body. effective in removing pollen, dust, mold spores and other harmful particles from the air and are able to improve mood.

The machine also has ozon function ,ozone plays a important role in removing the odor in the air, It is much more effective inn removing pollutants and odors, and is a powerful oxidant that kills lower organism like bacteria, mold and viruses.

PURIFIES YOUR SURROUNDING AIR BY PRODUCING UP TO 5 MILLION NEGATIVE IONS PER CM<sup>3</sup> TO ELIMINATE AIRBORNE GERMS AND ALLERGENS BY ATTATCHING WITH THEM. IN ADDITION, NEGATIVE IONS ALSO HELP TO RELIEVE STRESS, BOOST ENERGY LEVELS, INCREASE OVERALL ALERTNESS AND FRESHEN THE AIR QUALITY. 30 MINUTES AFTER NEGATIVE ION INTAKE, THE LUNG IS ABLE TO INHALE 20% MORE OXYGEN AND EXHALE 14.5% MORE CARBON DIOXIDE, THEY GREATLY BENEFIT PEOPLE'S HEALTH AND EVERYDAY ROUTINE, WHICH CAN FACILITATE BODY GROWTH AND DISEASE PREVENTION.

ULTRAVIOLET LIGHT AND TITANIUM DIOXIDE (TiO<sub>2</sub>) CATALYST BOOSTS THE UNIT'S AIR PURIFYING CAPACITY. PRODUCING HYDROXYL RADICAL (OH•) AND SUPEROXIDE ANION (O<sup>-</sup>), AIRBORNE GERMS AND VOLATILE ORGANIC COMPOUNDS (VOCs) ARE EFFECTIVELY OXIDIZED AND ELIMINATED, KEEPING THE SURROUNDING AIR FREE FROM HARMFUL POLLUTANTS.

## Specifications

CE Rohs approved.

Multifunction including Ionizer,Ozone,Anion,UV,HEPA,Active Carborne .

With Remote Control

Fashion Touchable Screen

Voltage/Frequency	220 V / 50 Hz		
<b>Speed Setting</b>	<b>High</b>	<b>Medium</b>	<b>Low</b>
Power Consumption	78 Watts	68 Watts	58 Watts
Air Flow Rate m <sup>3</sup> /hr	530.	480	400
Noise Level	58 dB	50 dB	46 dB
<b>Air Purification Recommended Coverage</b>	<b>Up to 350 ft<sup>2</sup></b>		
<b>Air Sterilization Recommended Coverage</b>	<b>Up to 700 ft<sup>2</sup></b>		
CADR (Smoke PM2.5)	240 m <sup>3</sup> /hr.		
Net Weight	9.1 Kg		
Dimensions (W x D x H)	320 mm x 192 mm x 645 mm		
System Technology	Step 1: 2-in-1 PuriPRO <sup>®</sup> Filter		
	Step 2: Advanced UV Nano Photocatalytic-Oxidation		
	Step 3: Advanced Electron Spray Ionization		
	Step 4: Advanced Corona Discharge		
<b>Negative Ions Density</b>	<b>Up to 5 Million/cm<sup>3</sup></b>		
<b>Away Mode Ozone Emission</b>	<b>Up to 500 mg/hr. (Cycled)</b>		

**Recommended Coverage based on 2.5 meter or 8.2 feet ceiling height.**

Select manual Ozone mode on basis of the coverage area in unoccupied room.

Air Sterilization		
Coverage Area	Away Mode Operating Duration	Ozone Emission
200 ft <sup>2</sup>	60 minutes	500 mg/hr.
380 ft <sup>2</sup>	120 minutes	
700 ft <sup>2</sup>	240 minutes	