

novita

SUPREME AIR QUALITY MANAGEMENT

With AirCare Pro™ Air Sterilizer NAS 6000



The image shows a black, rectangular AirCare Pro NAS 6000 Air Sterilizer. It features a large, circular, honeycomb-patterned grille on the front. Above the grille, there are three glowing, curved lines in blue, red, and purple, labeled 'sanitize', 'sterilize', and 'purify' respectively. To the right of the unit, there is a logo for 'QUAD SYSTEM TECHNOLOGY' with a stylized 'Q' and 'A' and 'S' and 'T'.

AIR STERILIZATION

| | |
|--------|--|
| 99.99% | Haze Particulate* within 5 mins |
| 99.60% | Total Bacteria [□] within 3 mins |
| 97.60% | Total Yeast & Mold within 15 mins |
| 95.50% | Cigarette Smoke ^{▲□} within 15 mins |

SURFACE SANITIZATION

| | |
|--------|-------------------------------------|
| 99.99% | E. Coli & Salmonella within 30 mins |
| 99.00% | Yeast & Mold within 30 mins |

*Haze particulates is tested based on PM 10.
*Cigarette smoke is tested for Nicotine.
□ Actual removal efficiency rate would be better than what is stated due to limitation of analytical equipment.
All tests are conducted in specific conditions for testing analysis and measurement purposes.
Actual results may vary due to environmental and usage condition.

THE PRO / AIR STERILIZER NAS 6000

1st

AIR STERILIZER

• PURIFY • STERILIZE • SANITIZE

PERFECTING AIR QUALITY THE WAY IT SHOULD BE

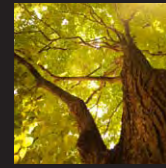
Novita AirCare Pro™ Air Sterilizer NAS 6000 driven by QuadSystem™ Technology for high efficiency air purification, sterilization and surface sanitization. Combining four functions of 99% HEPA Type Filtration, Advanced UV Nano Photocatalytic-oxidation, Mica Corona Discharge and Electron Spray Ionization, NAS 6000 actively seeks out and eliminates airborne germs, allergens, chemicals, unpleasant odour and even surface-bound contaminants to ensure optimum indoor air quality and beyond.

aircare^{pro}

“““

Understanding Air:

Air is a precious element to sustain the delicate balance of life. Without air, life is unsustainable.



Air & You Everyone should be concerned about the air around us since air pollutants can cause a variety of health problems and are especially harmful to young children, old folks and those with pre-existing respiratory conditions. The importance of air quality is obvious since we take in approximately 26,000 breaths, which is equivalent to about 800 oxygen tanks everyday!

Based on a statistic by US Environmental Protection Agency (EPA), on average we spend approximately 90% of our time indoors, and around 65% inside our home in particular. This, however, does not shield us from indoor airborne contaminants which may be two to five times higher and occasionally more than 100 times greater than outdoor level!

DO YOU KNOW

there is an Air Filtering Channel in our body?

Being the only air filtering channel in our body, Nasal hair in our nostril prevents entry of airborne allergens into our respiratory system. However, airborne allergens which are smaller than 10 micrometer cannot be filter off. Inevitably, they can possibly lead to allergic and respiratory conditions when inhaled.

According to the American Lung Association and the California Environmental Protection Agency, children are most susceptible to airborne allergens and germs. Factors such as rapid breathing due to maturing of children's respiratory system and tendency to breathe through mouth which bypass the nasal hair filtering effect could increase airborne allergens and germs admitting into the respiratory system, leading to adverse health effects.

Why Is Good Air Quality So Important?

Apart from life sustaining oxygen, the air we breathe also contains airborne allergens and germs which can cause an impact on our wellbeing, particularly to our respiratory system. Ensuring good air quality is always essential to revitalise our health whereas poor air quality could adversely affect us on a daily basis.

Common symptoms experienced due to airborne allergens and germs include cold, sneezing, coughing, eyes irritation, watering eyes, sore throat, breathing difficulty, chest or abdominal pain, diarrhoea, rashes and conjunctivitis.

HAVE YOU WONDERED?

Q If there aren't visible airborne particles, does it mean that the air is clean?

A No, most airborne allergens and germs are beyond our normal visible range of approximately 40 – 70 micrometer.

Q How does air filtering channel in our body get rid of airborne impurities?

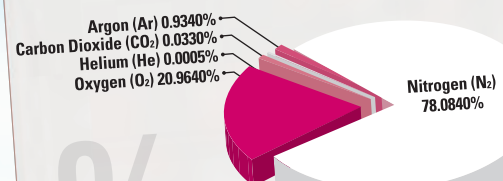
A Airborne impurities will be expelled by exhalation. In cases of rapid impurities accumulation, body will naturally produce a sneeze to eject the intruders.

QUICK FACTS!

Sneezing is not always the symptom of a cold! It might be an allergic reaction due to airborne allergen in the air.

AIR COMPOSITION

The air we breathe is a mixture of gases, primarily nitrogen, oxygen and argon.

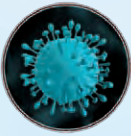


FIND OUT MORE

About Common Types of Indoor Airborne Contaminants

AIRBORNE GERMS

(0.005µm to 10µm)



Airborne germs is a collection of microorganisms which include bacteria, viruses, fungi and protozoa in the air. Even though they are insignificant in size and cannot be visibly observed, they can cause severe damages to human health.

VIRUSES (0.005µm to 0.3µm)

Virus being the smallest infectious agent, can only replicate inside living cells of organism. Virus can be spread easily via expelling airborne aerosol droplets through coughing and sneezing which caused up to 80% of all respiratory conditions.



INFLUENZA VIRUS: Spread from person to person via small aerosol droplet from sneeze or cough that enters into the respiratory tract.
• Epidemic respiratory illness, Dry cough, Fever



HUMAN CORONAVIRUS: Infect upper respiratory and gastrointestinal tract of mammals. Common cause of colds in adults.
• SARSs, Runny nose, Sore throat, Chills



BACTERIA (0.5µm to 5.0µm)

Airborne bacteria are responsible for a variety of respiratory and infectious illness such as chicken pox, pneumonia and bronchitis. People with weaker immunity level are most susceptible to airborne bacteria as it can gain access easily to body tissues through the mouth and nose.



ESCHERICHIA COLI (E. COLI): Being a diverse group of bacteria, it is often transmitted via faecal-oral to cause cross-contamination.
• Urinary tract infections, Pneumonia, Diarrhoea



SALMONELLA: Transmitted to human via contaminated food with animal faeces. It is frequently reported as the cause of foodborne illness.
• Fever, Diarrhoea, Abdominal cramps, Chills, Nausea



FUNGUS (2µm to 10µm)

Exposing to fungus such as yeasts and molds present in indoor air environment is one of the main causes for adverse human health effects. Primarily irritations and allergies include chronic nose and sinus inflammation, asthma and hypersensitivity pneumonitis.



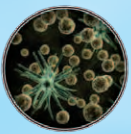
CLADOSPORIUM: Often found on textiles, wood, moist window sills, tile grout and often in bathrooms where the relative humidity is high.
• Chronic allergic rhinitis, Asthma, Fungal sinusitis



ASPERGILLUS: Some species of Aspergillus may cause infections and diseases known as Aspergillosis in humans and animals.
• Fever, Cough, Chest pain, Breathlessness

AIRBORNE ALLERGENS

(0.5µm to 300µm)



Airborne allergens are solids suspended in the air, the smaller the allergens, the longer it stays airborne. Being microscopic in size, these airborne allergens may be inevitably inhaled into our respiratory passages and increase the risk of exposure to respiratory problems and allergic reactions.



ALLERGENS

MOLD SPORES: Mold spores are the reproductive pieces of mold. Being the major airborne allergens, they may compromise human health when inhaled
• Sneezing, Chronic cough, Runny nose, Nasal congestion, Itchy, watery, red eyes, skin rashes, hives, Sinus headaches, Reduced lung capacity and breathing difficulty



DUST MITES: Dust mites are microscopic, eight-legged creatures which feed upon dead skin. They live in colonies and thrive in moist and warm conditions.

• Allergic asthma, Allergic rhinitis, Atopic eczema



HAZE: Haze often occurs when fine dust, particulate and smoke accumulates in relatively dry air.
• Respiratory illness, Decreased lung function

UNPLEASANT ODOUR



Increased public's expectation of living standard has led to decrease tolerance of unpleasant odours. Hence, it is imperative to ensure repulsive odour is removed promptly to prevent them from lingering around the air we breathe. Prolonged exposure to unpleasant odour could possibly results in significant impact on our daily activities.



CHEMICAL ODOUR

CIGARETTE SMOKE ODOUR: Cigarette smoke is insidious & has potential to affect surface in contact. Its offensive odour has tendency to linger in the air.
• Allergic asthma, Allergic rhinitis, Atopic eczema



COOKING ODOUR: Smelly cooking odours can be repulsive and lingers around your living environment for days or even weeks
• Seep into upholstery or carpet which attracts insects and pests, Worsen allergies and breathing conditions



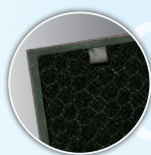
BIOLOGICAL ODOUR

ANIMAL ODOUR: Building up of animal odours tend to compromise overall sanitation and attract dangerous microorganisms and insects or pests.
• Respiratory problems, Nausea, Fatigue, Nasal congestion, Headache

Legend: bedroom garbage hospitals/clinics kitchen living room office petshop toilet

Reference Link: www.cdc.gov/flu/avian/gen-info/flu-viruses.htm • www.cdc.gov/nczved/divisions/dfbmd/diseases/ecoli_o157h7/what
www.nlm.nih.gov/medlineplus/salmonellainfections.html • www.epa.gov/mold/moldbasics.html

MECHANICAL AIR PURIFYING DEVICES



01

ACTIVATED CARBON AIR PURIFIER

Activated Carbon filter consists millions of highly adsorbent microscopic pores which acts like a sponge to adsorb most harmful volatile organic compounds (VOC) and odour from the air you breathe.



02

HEPA AIR PURIFIER

High Efficiency Particulate Absolute or HEPA air purifier employs a densely-packed glass fibre to remove harmful airborne particles. Depending on the chosen type, it can remove up to 99.97% of 0.3-micrometer particles.



03

AIR REVITALIZER

Air Revitalizer draws polluted air into device and uses hydropurification technology to eliminate airborne germs and unpleasant odour from your indoor environment. Refreshing air is constantly released back into the room, filling it with rejuvenating and soothing fragrances.

TYPES OF AIR PURIFYING DEVICES

Air purification is one of the main solutions for maintaining clean indoor air, it also helps in the reduction and prevention of allergy symptoms and other respiratory diseases.



ELECTRONIC AIR PURIFYING DEVICES



01

UV & PHOTOCATALYTIC OXIDATION (PCO) PURIFIER

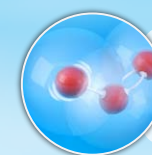
UV or ultraviolet radiation penetrates into the cell membrane of airborne germs and alters its DNA to destroy them. Together with Titanium dioxide catalyst, they produce oxidants to oxidize volatile organic compounds (VOCs) and eliminate airborne germs.



02

NEGATIVE AIR IONIZER

Negative air ionizer uses high voltage which runs through metal needles or sharp edges to produce high volume of negative ions. These ions seek out airborne allergens and germs and eliminate them to improve air quality.



03

OZONE (O₃) AIR PURIFIER

Ozone, a highly reactive and oxidizing agent, is produced through ultraviolet or corona discharge technology to eliminate airborne germs. Known for its effective odour control, Ozone (O₃) also removes unpleasant odour promptly and efficiently.

TYPES OF SURFACE GERMS REMOVAL

Proper surface sanitization is necessary to terminate the chain of germs transmission. It also helps to minimise the transfer of germs that occurs from either hand contact between contaminated surfaces or people who touches them.

Most of us would probably clean surfaces by rinsing it with water. This method helps to remove surface dirt but is not effective in removing the germs completely.

RINSING WITH WATER



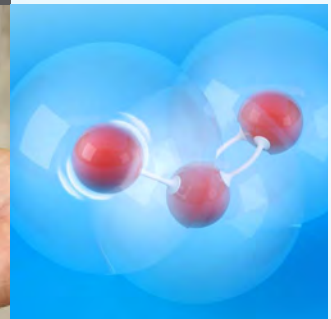
Detergents are used to remove soil, dirt, dust, organic matter, and germs. It cleans by lifting dirt and germs off surfaces so they can be rinsed away with water.

WASHING WITH DETERGENT



Disinfectants are chemicals that destroy, inactivate and prevent germs from growing. They however have no effect on dirt, soil, or dust.

CLEANING WITH DISINFECTANT

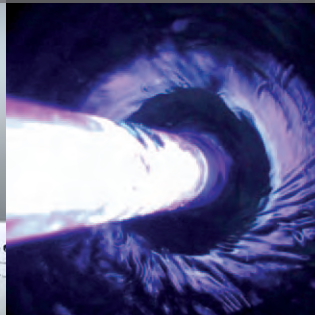


Sanitizers reduce germs concentration to a safe level but do not get rid of them completely.

CLEANING WITH SANITIZER

Ozone being a powerful oxidizer eliminates surface germs as well as provides odour control with no residual deposit.

OXIDIZING WITH OZONE



DO YOU KNOW

airborne germs can also attach and remain on contact surfaces?

Many of us spend a large portion of our time indoors yet little do we understand about the microbial diversity of the indoor environments and surfaces. Most of the germs are identified to deposit themselves on surfaces either through airborne transmission or by contact transmission from human activities.

Studies have shown that kitchen and washroom surfaces are deposition hot spots for germs such as bacteria, virus, mold and yeast. These pathogenic bacteria and viruses are able to survive on surfaces for an extended period of time which might inevitably compromise our well-being.

Ultraviolet radiation of 254 nm breaks down the DNA structure of microorganisms, exposes it and prevents them from reproducing. This effectively eliminates the germs present on surfaces.

DISINFECTING WITH UV RADIATION



01 THEY ARE NATURE'S CLEANING AGENT

Negative ions are created by falling water, cosmic rays, thunderstorms, wave actions and plant photosynthesis. Naturally found in places like mountains, forests, beaches, waterfalls and even after raining, they purify the air by attracting to airborne allergens thus forming larger particles which become too heavy to remain in the air we breathe.

02 THEY PROMOTE BETTER EMOTIONAL HEALTH

Negative ions, upon reaching our bloodstream, are believed to produce biochemical reactions that increase levels of the mood chemical, serotonin, which helps to alleviate depression, relieve stress and to boost our daytime energy. With an increase of negative ions we will experience a normalisation of the activities of the endocrine glands, which plays an important role in reducing the effects of stress.

03 THEY WORK TO INCREASE MENTAL ALERTNESS

In general, negative ions increase the flow of oxygen to the brain resulting in higher alertness, decreased drowsiness and more mental energy. When exposed to negative ions, increased brainwave amplitude translates to a higher awareness level and overall calming effect.

03

INTERESTING FACTS ABOUT NEGATIVE IONS

the SIX

MISCONCEPTION 01

PRESENCE OF OZONE (O_3) IS HARMFUL TO HEALTH

This is correct only when prolonged exposure to high concentration of Ozone (O_3). Ozone (O_3) is safe for usage as long as it is within the appropriate concentration level. Here are some recommendations from the various agencies:

1. Environmental Protection Agency (USA):

Not exceeding 0.075 ppm of continuous 8 hours exposure

2. Singapore Standard SS554 (2009, SG):

Not exceeding 0.1 ppm of continuous exposure

3. Singapore National Environmental Agency (SG):

Not exceeding 0.1 ppm of continuous exposure

4. The Food and Drug Administration (USA):

Not exceeding 0.05 ppm of continuous exposure

5. Occupational Safety and Health Administration (USA):

Not exceeding 0.1 ppm of continuous 8 hours exposure

MISCONCEPTION 02

OZONE (O_3) IS "ENERGIZED OXYGEN" OR "PURE AIR"

Terms like "Energized Oxygen" or "Pure Air" are misleading as it gives the wrong impression that Ozone (O_3) is toxic-free and absolutely safe. Claims that Ozone (O_3) is totally safe are inaccurate. As with all potentially hazardous gases, the safe and correct use of Ozone (O_3) is of primary importance.



MISCONCEPTION 03

OZONE (O₃) IS THE MAIN CULPRIT FOR SMOG

This is not true. While Ozone (O₃) is sometimes mistakenly referred to as smog, smog is actually a combination of Hydrocarbons, among them being, Carbon Dioxide (CO₂), Carbon Monoxide (CO) and Sulphur Dioxide (SO₂).

MISCONCEPTION 04

OZONE (O₃) CONCENTRATION PRODUCED IS INCONSISTENT WITH STATED READING IN THE SPECIFICATION

Ozone (O₃) air purification units are made to exact Ozone (O₃) concentration level as stated in the product specification. Fluctuations of Ozone (O₃) concentration produced may be attributed to influences by external factors or conditions.

MISCONCEPTION 05

OZONE (O₃) IS INEFFECTIVE AGAINST BACTERIA AND VIRUSES AT LOW CONCENTRATION LEVEL

High levels of Ozone (O₃) are only required for highly specific stringent requirements. By increasing the concentration level, we can speed up the purification process which at low level might take a longer time to achieve. At low concentration of 0.012 ppm, Ozone (O₃) can also effectively eliminate germs like polio virus and Escherichia Coli (E. Coli) Bacteria. Therefore, it is not true that Ozone (O₃) is ineffective at low concentration level.

MISCONCEPTION 06

TROPOSPHERE (GROUND LEVEL) OZONE (O₃) EMISSION IS THE MAIN CONTRIBUTOR OF GLOBAL WARMING

This is not true. The main contributors to global warming are the emissions of four principal greenhouse gases namely Carbon Dioxide (CO₂), Methane (CH₄), Nitrous Oxide (N₂O) and the Halocarbons from human activities. Ozone (O₃) is not under the listing of Global Warming Potential.



SOURCE OF INFECTIONS

VIRUS • Smallest infectious agent is able to replicate inside the living cells of organisms, viruses can spread easily causing up to 80% of all respiratory conditions.

Eg: Influenza Virus, Human Coronavirus & Coxsackieviruses (Hand, foot & mouth virus)

BACTERIA • Responsible for a variety of respiratory and infectious illness such as pneumonia & bronchitis, bacteria live & multiply in the environment while others are adapted to live within the human body.

Eg: Escherichia Coli (E. Coli), Salmonella & Streptococcus Pyogenes

FUNGI • Including microorganisms such as yeasts and molds, fungi cause irritations, infections, allergies and toxic effects such as chronic nose and sinus inflammation, asthma and hypersensitivity pneumonitis.

Eg: Cladosporium, Aspergillus & Curvularia

04

HIGH-RISK INDIVIDUALS

YOUNG CHILDREN • Prone to infections as immune system may not be fully developed.

ELDERLY • Declining functions of immune system ups the chances of infections.

PERSONS WITH PRE-EXISTING MEDICAL CONDITIONS • Compromised immunity results in weak defence against infections.

Infectious sources can enter our body via the eyes, nose, mouth, respiratory system, mucous membrane, gastrointestinal tracts and skin.

01

BREAKING THE CHAIN OF INFECTIONS

WITH NOVITA AIR PURIFYING DEVICES

03

MODE OF TRANSMISSION

CONTACT • The most common mode of transmission, contact can be physically, indirectly via contaminated object and surface or through droplet contact in the form of contaminated respiratory secretions.

OBJECT • The things we come into contact with such as through improper food handling, food spoilage, contaminated water and fomites such as telephone and toilet bowl.

AIRBORNE • Spread typically via a cough or sneeze, fine microbial particles or dust containing infectious sources can spread widely through the air current.

VECTORBORNE • Mechanically transported or biologically inflicted by insects such as fleas, ticks, lice, mosquitoes, cockroaches, household flies and rats when they bite or touch a person.

DO YOU KNOW?

Though our body may have natural barriers against the invasion of infectious agent but there are limitations too. When infectious agents come in contact with our eyes, it may be washed away by tears. However you would never expect those tears which contain infectious agents may be rinsed into the tear duct or nose.



BREEDING GROUNDS

PEOPLE • Body temperature of approximately 37°C provides the ideal environment.

ANIMAL • Body temperature of approximately 39°C facilitates breeding.

WATER AND FOOD • Provide the amount of moisture and nutrients required for growth.

AIR • High humidity & warm temperature encourage growth and reproduction.

OBJECT • Surfaces of objects allow infectious sources to stay & grow.

Infectious sources leave their breeding grounds in the form of excretions, secretions and droplets.

QUICK FACTS!

About **40,000** respiratory secretion droplets may be produced by a single sneeze! These droplets which contains infectious agent may travel a **distance up to 1 meter** before settling on a surface.

aircare^{pro}™

WITH
QUADSYSTEM™
TECHNOLOGY

| AIR STERILIZATION | |
|----------------------|---|
| 99.99% | Haze Particulate* within 5 mins |
| 99.60% | Total Bacteria [□] within 3 mins |
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| SURFACE SANITIZATION | |
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THE PRO | AIR STERILIZER NAS 6000

THE EXPLORER | AIR STERILIZER NAS 200

THE TRAVELLER | AIR STERILIZER NAS 300



Combining four functions of 99% HEPA Type Filtration, Advanced UV Nano Photocatalytic-oxidation, Mica Corona Discharge and Electron Spray Ionization, NAS 6000 actively seeks out and eliminates airborne germs, allergens, chemicals, unpleasant odour and even surface-bound contaminants to ensure optimum indoor air quality and beyond.

QUADSYSTEM™ TECHNOLOGY *



Producing high controlled ozone (O₃) concentration up to 360mg/hr, the power amplifier performs a series of effective surface sanitization activities with its high-power oxidation, for a more thorough clean up under the Away mode.

POWER AMPLIFIER *



Going beyond air purification, NAS 6000 actively seeks out and eliminates airborne and surface-bound germs up to coverage area of 900 sq. ft. and 390 sq. ft. respectively for supreme air quality management and beyond.

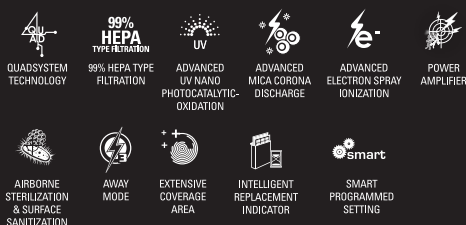
AIRBORNE STERILIZATION & SURFACE SANITIZATION *

* Applicable to NAS 6000 only

NOVITA AIRCARE PRO™ AIR STERILIZER NAS 6000 is equipped with QuadSystem™ Technology for high efficient air purification, sterilization and surface sanitization. Combining four functions of 99% HEPA Type Filtration, Advanced UV Nano Photocatalytic-oxidation, Mica Corona Discharge and Electron Spray Ionization, NAS 6000 actively seeks out and eliminates airborne germs, allergens, chemicals, unpleasant odour and even surface-bound contaminants to ensure optimum indoor air quality and beyond.

- 54 Watts
- QuadSystem™ technology with power amplifier
- 5 Fan speed
- Air purification[^]
 - Coverage up to 1200 sq.ft. or 111 m²
- Air sterilization[^]
 - Coverage up to 900 sq.ft. or 84 m²
- Surface sanitization[^]
 - Coverage up to 390 sq.ft. or 36 m²
- 25 Million negative ions per cm³ and more
- Controlled ozone concentration up to 360 mg/hr.

NAS 6000 FEATURES /



NOVITA AIRCARE™ AIR STERILIZER NAS 200/300 are equipped with Advanced Mica Corona Discharge Technology for active air sterilization and deodorisation. Producing controlled ozone concentration, NAS 200 and NAS 300 works to eliminate airborne germs and unpleasant odour with its incredible oxidation capacity. Small, portable and a plug-to-go design, this hassle-free unit strives to provide fresh quality air everywhere to your convenience.

- 2.7 Watts | 2.9 Watts | 3.2 Watts
- Advanced mica corona discharge technology
- Low ozone emission mode[^]
 - Coverage up to 108 sq.ft. or 10 m²
- Medium ozone emission mode[^]
 - Coverage up to 215 sq.ft. or 20 m²
- High ozone emission mode[^]
 - Coverage up to 323 sq.ft. or 30 m²
- Effective ozone concentration within 0.05 ppm

NAS 200 AND NAS 300 FEATURES /



^{*} Based on average eight (8) hours a day, seven (7) days a week under normal domestic indoor environment.

[^] Coverage performance, may be subjected to environment condition and contaminants level. Recommended coverage based on 3 m or 10 ft ceiling height.

CLEAN AIR & BEYOND FOR ANY LIVING SPACE

PURIFY



Keep your air fresh and free from harmful pollutants! With the 99% HEPA Type Filter, combination of UV lamp & Titanium dioxide Filter and Ionizer, you can breathe well without worrying about airborne allergens and germs! Negative ions produced also help to relieve stress, boost energy level and increase alertness by creating an overall calming effect.

STERILIZE



Clear up the air rapidly with controlled ozone concentration produced from the Advanced Mica Corona Discharge. The incredible oxidation capacity of ozone provides effective odour control and eliminates airborne and surface-bound germs such as virus, bacteria and fungi.

SANITIZE

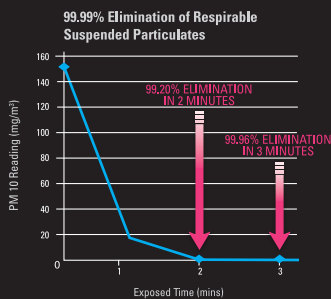


Ensure the cleanliness and hygiene of contact surfaces with effective surface sanitization. Enhanced with power amplifier, oxidation capacity of the Advanced Mica Corona Discharge is boosted for a more efficient and thorough clean up.

NAS 6000 TEST RESULTS

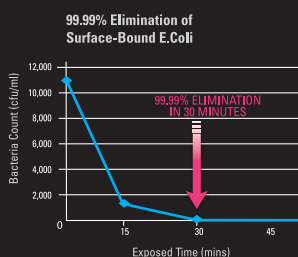
99.99% ELIMINATION OF RESPIRATORY SUSPENDED PARTICULATES^Δ

Dust and airborne allergens such as haze particulates are kept at bay with 99.96% of respiratory particulates removal in just 3 minutes.



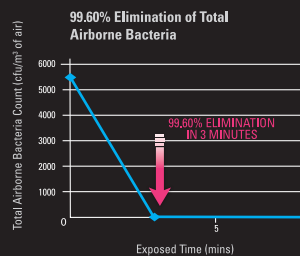
99.99% ELIMINATION OF SURFACE-BOUND E.COLI^Δ

For elimination of surface-bound germs such as Escherichia Coli (E.Coli), efficiency rate can go up to 99.99% within 30 minutes! You can hence prevent them from depositing on contact surfaces and into the body to cause illnesses such as diarrhoea.



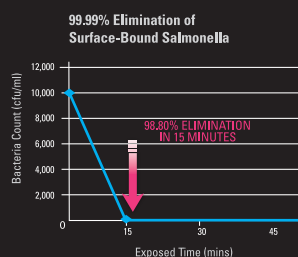
99.60% ELIMINATION OF TOTAL AIRBORNE BACTERIA^Δ

With 99.60% efficiency rate, total airborne bacteria are also effectively eliminated in just 3 minutes to prevent and reduce respiratory and common ailments!



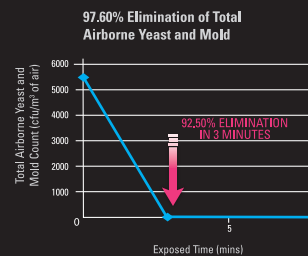
99.99% ELIMINATION OF SURFACE-BOUND SALMONELLA^Δ

Salmonella, another airborne germ and common source of foodborne illnesses can also be removed with efficiency up to 99.99% within 30 minutes!



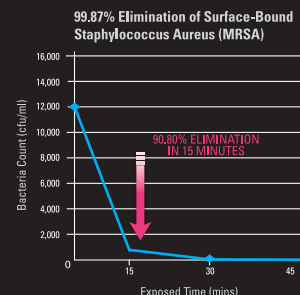
97.60% ELIMINATION OF TOTAL AIRBORNE YEAST AND MOLD^Δ

Within 15 minutes, test results show 97.60 % removal of total airborne yeast and mold including Aspergillus Niger, a common type of mold responsible for lungs infection.



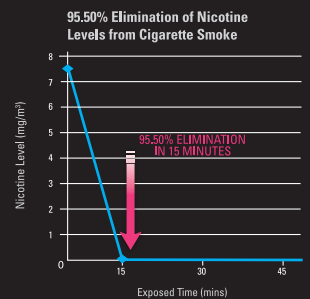
99.87% ELIMINATION OF SURFACE-BOUND STAPHYLOCOCCUS AUREUS (MRSA)^Δ

For tougher germs such as Staphylococcus Aureus (MRSA), removal efficiency rate can go up to 99.87% within 30 minutes! Staphylococcus Aureus (MRSA) is known to be a common cause of virulent skin infection and can be easily spread by touching contaminated surfaces.



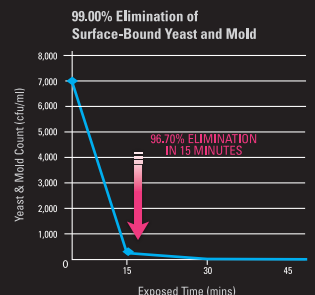
95.50% ELIMINATION OF NICOTINE LEVELS FROM CIGARETTE SMOKE^Δ

Nicotine from cigarette smoke is also removed promptly with an efficiency rate of 95.50% within 15 minutes, leaving you with clean indoor air!

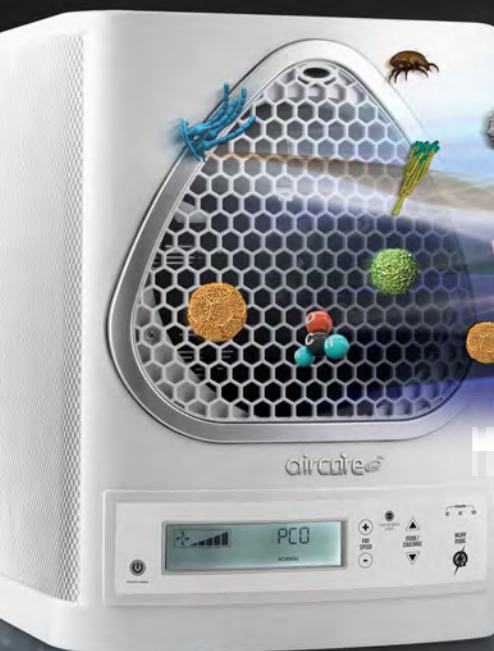


99.00% ELIMINATION OF SURFACE-BOUND YEAST AND MOLD^Δ

Lastly, germs such as surface-bound yeast and mold can be effectively eliminated with efficiency up to 99% within 30 minutes! Prompt removal is essential as they are responsible for destroying the beauty of the home and for causing potential health hazards!



Condition of test Δ 50 cm³ of chamber ○ 70cm³ of chamber



DRIVEN BY
QUADSYSTEM™
TECHNOLOGY

Novita AirCare Pro™ Air Sterilizer NAS 6000 supports superior air purification, sterilization and surface sanitization for effective elimination of airborne and surface-bound contaminants. With the combination of advanced HEPA & UV purification, negative ions and controlled ozone, leave NAS 6000 to work while you are in the room or away for clean air and beyond today, everyday.

AIR PURIFICATION

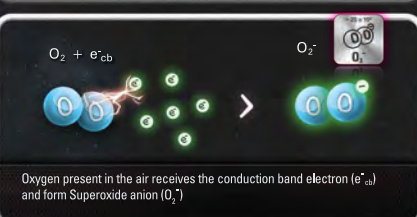
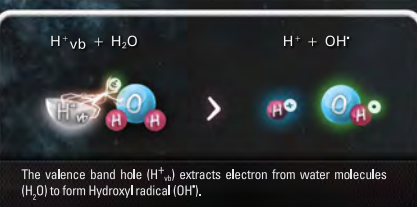
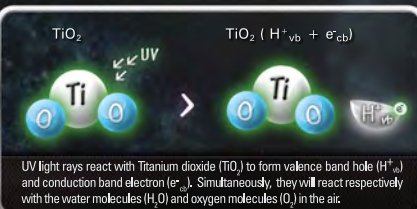
1 **99% HEPA TYPE FILTRATION** **99% HEPA OR HIGH EFFICIENCY PARTICULATE ABSORBING/ARRESTANCE TYPE FILTER** works by mechanical filtration and diffusion to trap airborne germs and allergens within its densely-packed fibre. It clears out up to 99% of airborne allergens and germs up to 0.3 micrometer particle size and also doubles up to improve the durability and performance of subsequent filtration mechanism.

AIRBORNE ALLERGENS & GERMS ELIMINATED

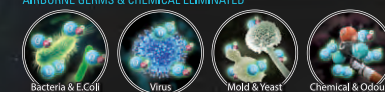


2 **ADVANCED UV NANO PHOTOCATALYTIC-OXIDATION** results from the interaction between UV light rays and Titanium dioxide (TiO_2) filter. Reactive oxidants such as Hydroxyl radical (OH^\cdot) and Superoxide anion (O_2^-) produced in the process attached instantly onto airborne germs and eliminate them by oxidizing and weakening their cell membrane and protein coat.

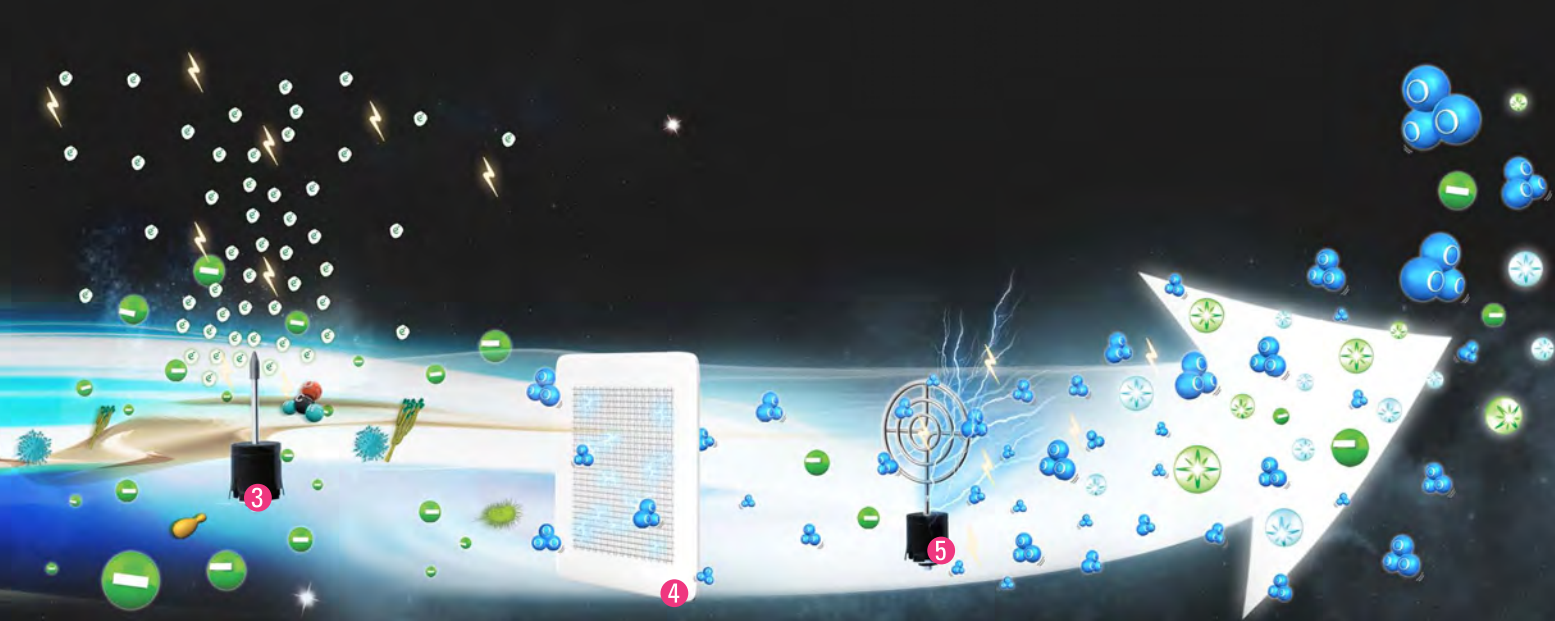
FORMATION OF HYDROXYL RADICALS (OH^\cdot) AND SUPEROXIDE ANION (O_2^-)



AIRBORNE GERMS & CHEMICAL ELIMINATED



PURIFY
STERILIZE
SANITIZE

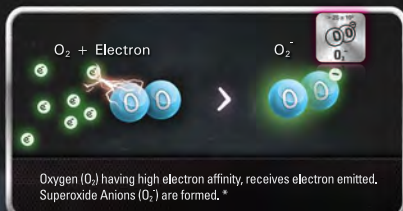


AIR STERILIZATION

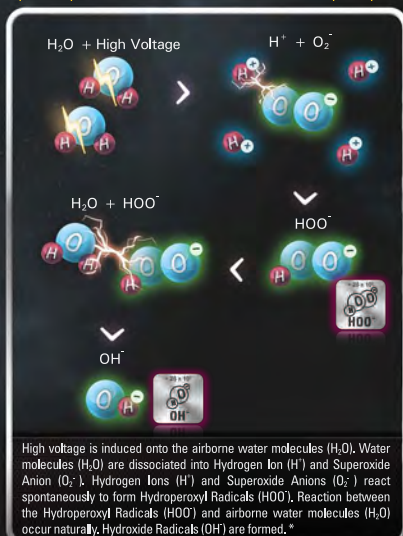
SURFACE SANITIZATION

3 ADVANCED ELECTRON SPRAY IONIZATION produces more than 25 million Negative Ions consisting of Superoxide Anions (O_2^-), Hydroperoxyl Radicals (HO_2^\cdot) and Hydroxide Radicals (OH^\cdot). They purify the air by attaching onto airborne allergens thus making them too heavy to stay in our breathing zone. In addition, Hydroxide Radicals (OH^\cdot) and Hydroperoxyl Radicals (HO_2^\cdot) break down the cell membrane and protein coat of airborne germs to eliminate them.

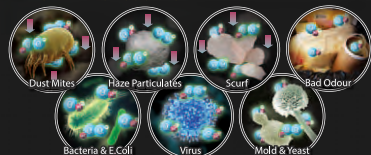
FORMATION OF SUPEROXIDE ANIONS (O_2^-)



FORMATION OF HYDROPEROXYL RADICALS (HO_2^\cdot) AND HYDROXIDE RADICALS (OH^\cdot).

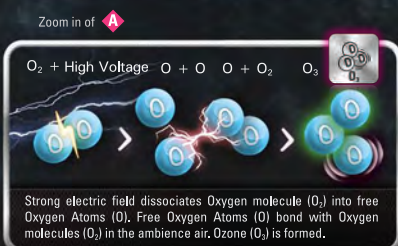
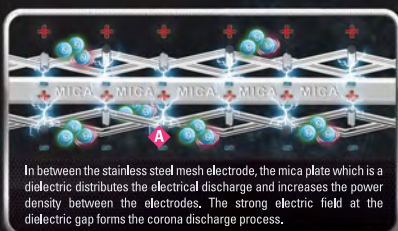
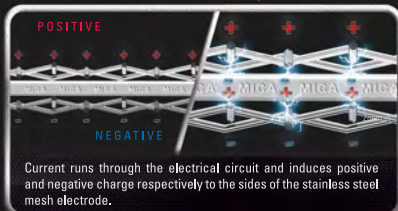


AIRBORNE ALLERGENS & GERMS ELIMINATED



4 ADVANCED MICA CORONA DISCHARGE produces controlled ozone (O_3) concentration level for air sterilization with its incredible oxidation capacity. Ozone (O_3) proactively oxidizes and weakens the cell membrane and protein coat of airborne germs to eliminate them. Additionally, Ozone (O_3) also freshen up the air quality readily with its effective odour control to prevent unpleasant odour from lingering around the air we breathe.

FORMATION OF OZONE (O_3)



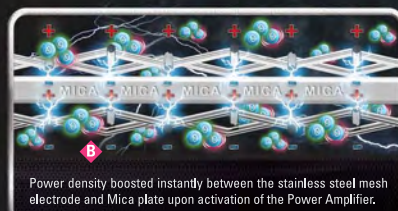
NOTE: Ozone has a distinct fresh sweet smell, detectable by the human nose from concentration as low as 0.003ppm, well below the safety guideline of 0.1ppm.

AIRBORNE GERMS & CHEMICAL ELIMINATED



5 POWER AMPLIFIER produces the highest controlled ozone (O_3) concentration up to 360 mg/hr to perform a series of effective surface sanitization activities. With the high-power oxidation, surface-bound germs are eliminated quickly for a more thorough clean up.

POWER AMPLIFIER



Zoom in of **5**



LEGEND//



Note: The contaminants are magnified for better illustration purposes only and they are not in actual proportion to the Filters.

aircareTM supreme

99.9%
haze particulate &
96.4% total
airborne bacteria
elimination in
15 mins



NO
CONSUMABLE
PARTS



NO
FILTER
REPLACEMENT



FANLESS
OPERATION

3 YEARS
WARRANTY

SEMI-PERMANENT
TECHNOLOGY

ADVANCED DUAL
TECHNOLOGY SYSTEM



THE SUPREME / AIR IONIZER NAI 9000



Equipped with dual technology of Electron Spray Ionization & Plasma Corona Discharge, NAI 9000 emits more than 25 million negative ions per cm³ and effective ozone concentration within 0.05ppm for good and safe air quality at all times.



**ADVANCED DUAL
TECHNOLOGY
SYSTEM**



**SEMI-PERMANENT
TECHNOLOGY**

With no need for filters and other consumable parts, there is no recurring cost and also minimum maintenance except for the basic cleaning of the Plasma Corona Discharge Unit.



**FANLESS
OPERATION**

Effectively silent when in operation, NAI 9000's fanless design allows for seamless air circulation with no noise.

NOVITA AIRCARE SUPREME™ AIR IONIZER NAI 9000 adopts dual technology of Electron Spray Ionization and Plasma Corona Discharge for effective purification and sterilization without the need for filters and other consumable parts. With the advanced combination of abundance negative ions and controlled ozone, NAI 9000 eliminates airborne germs such as bacteria and viruses while also removing dust, haze, unpleasant odour and other airborne contaminants. Streamlined and simply understated, this attractive unit ensures good and safe indoor air quality at all times.

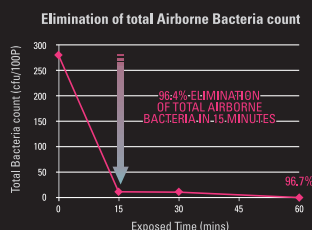
- 6 Watts
- Advanced dual technology system
- Semi-permanent technology
- 25 Million negative ions per cm³ and more
- Effective ozone concentration within 0.05 ppm

- 99.90% elimination of e.coli
- 99.90% elimination of salmonella
- 98.70% elimination of total airborne mold and yeast
- 99.94% elimination of respiratory particulate precipitation (Haze)
- 95.00% elimination of odour

NAI 9000 TEST RESULTS

96.7% ELIMINATION OF TOTAL AIRBORNE BACTERIA

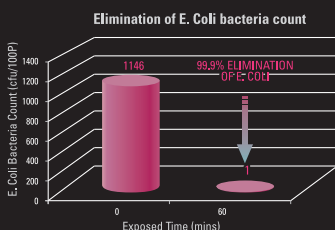
NAI 9000 is effective to eliminate 96.4% of total airborne bacteria in just 15 minutes.



Condition: Measured inside a 70 cm³ chamber for an operation duration of 1 hour

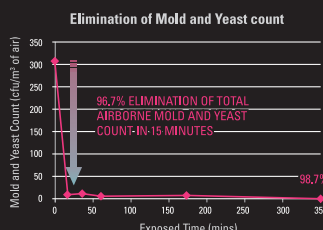
99.9% ELIMINATION OF ESCHERICHIA COLI (E. COLI)

Escherichia Coli (E. Coli), being commonly known for the cause of diarrhoea, urinary tract infections, and respiratory ailments can be effectively eliminated by NAI 9000 with an efficiency of 99.9%.



98.7% ELIMINATION OF TOTAL AIRBORNE MOLD AND YEAST COUNT

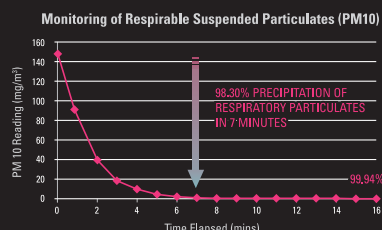
Exposing to fungus like Mold and Yeast present in indoor air environment is one of the main causes for adverse health effects. However, with NAI 9000, it is effective to reduce up to 96.7% of total airborne Mold and Yeast in just 15 minutes.



Condition: Measured inside a 70 cm³ chamber for an operation duration of 6 hours

99.94% PRECIPITATION OF RESPIRATORY PARTICULATES

NAI 9000 is effective to remove 98.30% of airborne allergens such as haze particulates of 10 micrometers within 7 minutes. Negative Ions coalesced with airborne allergens to form heavier precipitated particles, which fall to the ground and removed from the air we breathe.



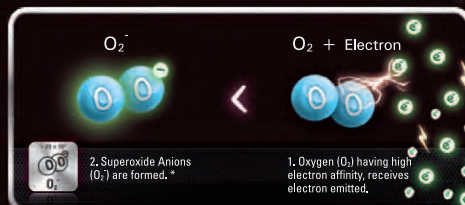
Condition: Measured inside a 50 cm³ chamber for an operation duration of 15 minutes

AIR QUALITY CONTROL IN THE COMFORTS OF THE HOME OR OFFICE

AIRBORNE ALLERGENS

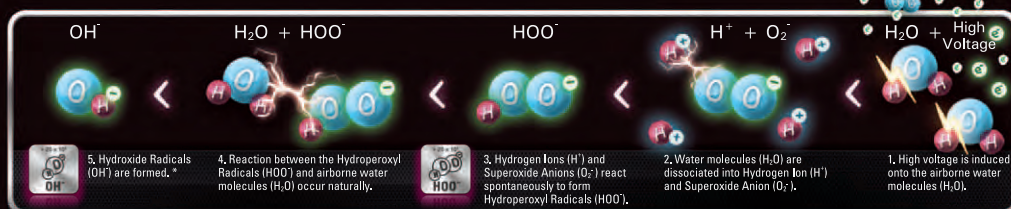


FORMATION OF SUPEROXIDE ANIONS (O_2^-)



* NAI 9000 produces more than 25 millions of Negative Ions per cm^3 consisting of Superoxide Anion (O_2^-), Hydroperoxyl Radical (HOO^\cdot) and Hydroxide Radical (OH^\cdot).

FORMATION OF HYDROPEROXYL RADICALS (HOO^\cdot) AND HYDROXIDE RADICALS (OH^\cdot).

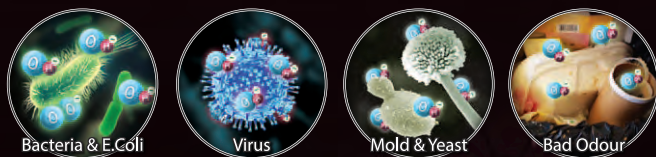


* NAI 9000 produces more than 25 million of Negative Ions per cm^3 consisting of Superoxide Anion (O_2^-), Hydroperoxyl Radical (HOO^\cdot) and Hydroxide Radical (OH^\cdot).

**<MODE 1>
PURIFICATION**

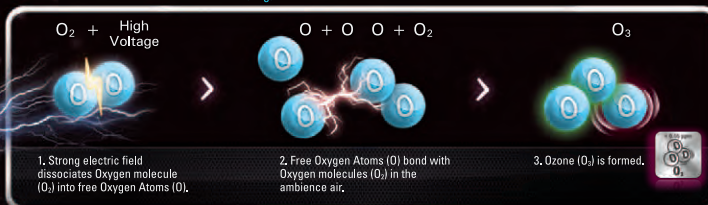
**≥ 25 million
Negative Ions per cm^3**

AIRBORNE GERMS



ELECTRON SPRAY IONIZATION produces Negative Ions of Superoxide Anions (O_2^-), Hydroperoxyl Radicals (HOO^\cdot) and Hydroxide Radicals (OH^\cdot). They purify the air by attaching onto airborne allergens thus making them too heavy to stay in our breathing zone. In addition, Hydroxide Radicals (OH^\cdot) and Hydroperoxyl Radicals (HOO^\cdot) break down the cell membrane and protein coat of airborne germs to eliminate them.

FORMATION OF OZONE (O_3)



Note: Ozone has a distinct fresh sweet smell, detectable by the human nose from concentration as low as 0.003ppm, well below the safety guideline of 0.1ppm.

**<MODE 2>
PURIFICATION
+ STERILIZATION**

**≥ 25 million Negative Ions per cm^3
+ Effective Ozone (O_3)
concentration within 0.05 ppm**

PLASMA CORONA DISCHARGE produces Ozone (O_3) with the appropriate concentration level for safe usage. Highly reactive with incredible oxidation capacity, Ozone (O_3) oxidizes and weakens the cell membrane and protein coat of airborne germs to eliminate them. With its effective odour control, Ozone (O_3) also prevents unpleasant odour from lingering around the air we breathe.

AIRBORNE GERMS AND ODOUR



STERILIZE

puricleanTM complete

• LOW POWER CONSUMPTION OF 26W*
• INCREASED MOTOR LIFESPAN
• INCREASED EFFICIENCY
• REDUCED NOISE



VERSATILE PURITY / 3-IN-1 AIR PURIFIER NAP 2000H



Unlike conventional motor, the highly reliable and efficient advanced DC brushless motor has no friction and hence quieter, more efficient and lower power consumption and longer lasting.



**DC BRUSHLESS
MOTOR SYSTEM**



Specially designed with a 3-Stage PuriClean Complete™ System for effective air purification, ionization and humidification. While keeping airborne allergens and germs at bay it also simultaneously brings the humidity level to a balance to provide natural relief from dry indoor air.

**3-STAGE PURICLEAN
COMPLETE™ SYSTEM**



Equipped with an inbuilt air quality sensor for a quick diagnosis of the current air quality, simply glance at the different air quality sensor colour light indicator to be notified with the most up-to-date air quality of your surroundings!

**AIR QUALITY
SENSOR**

NOVITA PURICLEAN COMPLETE™ 3-IN-1 AIR PURIFIER NAP 2000H is a highly-integrated multi-functional model. This versatile unit is specially designed with a 3-Stage PuriClean Complete™ System – Air Purification, Ionization and Humidification, to satisfy your diverse air quality needs. With 4-step comprehensive purification, the Pre-Mesh Filter traps large particles while the Cool Catalyst Filter oxidizes and eliminates airborne germs and harmful volatile organic compounds (VOCs). The Granular Activated Carbon Filter adsorbs volatile organic compounds, unpleasant odour and airborne chemicals while the True HEPA Filter removes up to 99.97% of airborne germs and allergens to ensure fresh and clean air quality for all. The purification process is completed with a semi-permanent built-in ionizer which produces more than 20 million negative ions so you can breathe well without worrying about airborne allergens and germs! To further enhance the quality of air, the cool vaporizing humidification add back the desired moisture into the air to help create the ideal humidity level for greater comfort and healthier living.

- 26 Watts (BASED ON HIGH FAN SPEED SETTING)
- 3-Stage PuriClean Complete™ system
- Air purification, humidification & ionization
- 5-Speed setting
- Coverage up to 388 sq.ft. or 36 m²
- 99.97% True HEPA filter
- Semi-permanent built-in ionizer
- ≥ 20 Million negative ions per cm³

PURIFY

Keep harmful pollutants at bay with the help of the mechanical filtration and diffusion. Together with the True HEPA filter, 99.97% of airborne allergens and germs are removed. Moreover, to partner it with an inbuilt comprehensive 4-step filtration process, you can be assured that you will enjoy clean and fresh air always.

HUMIDIFY

Live with greater comfort when humidity is brought to a balance. Having a cool vaporizing humidification will enhance moisture in the air to an optimum level, therefore giving you natural relief from dry indoor air.

IONIZE

Have the opportunity to revel in an overall calming effect with the semi-permanent built-in ionizer that can produce more than 20 million negative ions per cubic centimetre to eliminate airborne allergens and germs. This in turn can help you to release stress, boost energy level and increase alertness!

NAP 2000H FEATURES /



BRUSHLESS MOTOR SYSTEM 3 stage 99.97% TRUE HEPA SEMI-PERMANENT BUILT-IN IONIZER HUMIDIFICATION POWER EFFICIENCY* AUTO DIAGNOSTIC MODE SILENT MODE TURBO MODE 5 SPEED SETTING AIR QUALITY SENSOR AIR QUALITY SENSOR LIGHT AUTO HUMIDITY SENSOR TIMER SMART NIGHT MODE FILTER REPLACEMENT INDICATOR WATER SHORTAGE INDICATOR MODISH DESIGN

* BASED ON HIGH FAN SPEED SETTING

DIVERSE AIR QUALITY CONTROL FOR GREATER COMFORT AND HEALTHIER LIVING

STAGE 03 // AIR IONIZATION

BUILT-IN IONIZER
(SEMI-PERMANENT)

STAGE 03

STAGE 01 // AIR PURIFICATION

PRE-MESH
FILTER[®]

STEP
A

STEP
B

STEP
C

STEP
D

STAGE
02

STAGE 02 // AIR HUMIDIFICATION

STAGE 01 // AIR PURIFICATION

STEP A : PRE-MESH FILTER[®]

Pre-Mesh Filter provides the first layer of air filtering system by capturing larger particles to improve the durability and enhance performance of subsequent filters.

FUNCTION • Trap large particles such as hair, scurf, coarse particulates and fine dust present in the air and prolong the lifespan of subsequent filters.

STEP B : COOL CATALYST FILTER[®]

Cool catalyst filter produces reactive oxidants to oxidize and eliminate airborne germs and harmful volatile organic compounds (VOCs). This reaction breaks down the contaminants into carbon dioxide and water molecules under normal room temperature environment.

FUNCTION • Oxidize and eliminate airborne germs and harmful volatile organic compounds (VOCs).

STEP C : GRANULAR ACTIVATED CARBON FILTER[®]

Granular Activated Carbon removes unpleasant odours and chemicals in the air with its highly adsorbent granules. Each granule contains millions of microscopic pores to provide a large surface area capacity to adsorb volatile organic compounds (VOCs), unpleasant odour and airborne chemicals.

FUNCTION • Adsorb volatile organic compounds (VOCs), unpleasant odour and airborne chemicals.

STEP D : 99.97% TRUE HEPA FILTER[®]

A True High Efficiency Particulate Absorbing / Arrestance or True HEPA filter has high air filtering efficiency. It is capable of removing up to 99.97% of airborne allergens and germs with a size of 0.3 micro - meters in diameter which includes very fine dusts, haze and smoke particulates, pet dander, mold spores, pollen some bacteria and viruses.

FUNCTION • Remove up to 99.97% of airborne allergens and germs such as fine dusts, haze and smoke particulates, pet dander, mold spores, pollen, some bacteria and viruses.

STAGE 02 // AIR HUMIDIFICATION

HUMIDIFYING FILTER

Adopting cool vaporization technology, the uniquely designed Humidifying Filter rotates in the humidifying tray to convey and distribute the water across the surface of the Humidifying Filter evenly. Air passing through the filter absorbs the moisture and releases it into the surrounding air to help create an ideal humidity level.

FUNCTION • Adding back the desired moisture into the surrounding air to create an ideal humidity for a healthier living.

STAGE 03 // AIR IONIZATION

BUILT-IN IONIZER (SEMI-PERMANENT)

Semi-Permanent Built-in Ionizer produces million of negative ions to promote air purification through the elimination of airborne allergens and germs.

FUNCTION • Eliminate airborne allergens and germs such as pollen, dust mites, pet dander, mold spores, bacteria, fungi and viruses.

LEGEND /



Note: The contaminants are magnified for better illustration purposes only and they are not in actual proportion to the Filters.

◊ Pre-Mesh Filter, Cool Catalyst Filter, Granular Activated Carbon Filter and 99.97% True HEPA Filter are combined as a single filter unit.

CONTEMPORARY MINIMALIST PURITY / AIR PURIFIER NAP 101-i



DELIGHTFUL PURITY / AIR PURIFIER NAP 501



Purification system is integrated with a semi-permanent built-in ionizer to produce millions of negative ions for active elimination of airborne allergens and germs so that you and your loved ones can breathe well with clean & purified air.



INTEGRATED NEGATIVE IONS PURIFICATION



FLEXIBLE SPEED SETTING

Packed with flexible speed settings, the air purifiers are designed to let you adjust the air flow rate to your preference and to meet your individual air quality needs in no time with its optimum air purifying capacity.



SMART NIGHT MODE*

The ambience light sensor automatically detects ambient light intensity and switches NAP 501 to smart night mode when the surrounding luminous intensity reduces for an undisturbed rest while conserving energy.

* Applicable to NAP 501 only

NOVITA PURICLEAN™ AIR PURIFIER NAP 101-i scores with its contemporary minimalist design of clean lines and basic shapes. Befitting in any living space, NAP 101-i helps to purify its environment so allergies and respiratory ailments are kept at bay. The washable pre-filter targets large particles, while the HEPA type filter works to capture airborne particles. Unpleasant odors are then adsorbed by the granular activated carbon filter. Finally, the process is completed with a built-in Ionizer that emits more than 9 million negative ions for clean, fresh air. Breathe in and enjoy the purity of good air quality with novita PuriClean™ Air Purifier NAP 101-i.

- 52 Watts (0.7 watts at standby)
- 4-Step purification
- Coverage up to 270 sq. ft. or 25 m²
- Semi-permanent built-in Ionizer
- ≥ 9 Million negative ions per cm³

NOVITA PURICLEAN™ AIR PURIFIER NAP 501 comes in a classic timeless design to solve all air quality woes. With a built-in sensor, this delightful unit will diagnose and indicate the current air quality through the display of different colours while providing superior 5-step air purification. The washable mesh filter traps large particles in the air, while airborne germs and harmful volatile organic compounds (VOCs) are eliminated by reactive oxidants produced by the cool catalyst filter. Unpleasant odour is also adsorbed by the granular activated carbon filter, and the True HEPA filter removes up to 99.97% of airborne allergens and germs. Finally, the advanced semi-permanent built-in ionizer diffuses over 20 million negative ions to eradicate airborne germs and allergens. NAP 501 is definitely a trusted choice for clean and fresh air!

- 35 Watts (BASED ON HIGH FAN SPEED SETTING)
- 5-Step purification
- Coverage up to 270 sq. ft. or 25 m²
- 99.97% True HEPA filter
- Semi-permanent built-in Ionizer
- ≥ 20 Million negative ions per cm³

NAP 101-i FEATURES /



SEMI-PERMANENT
BUILT-IN
IONIZER

4
STEP

4-STEP
PURIFICATION



3 SPEED
SETTING



MINIMALIST
DESIGN

NAP 611-i FEATURES /



SEMI-PERMANENT
BUILT-IN
IONIZER

99.97%
TRUE
HEPA

99.97%
TRUE HEPA

5
STEP

5-STEP
PURIFICATION



AIR
QUALITY
SENSOR



AIR QUALITY
SENSOR
LIGHT



AUTO
DIAGNOSTIC
MODE



TURBO
MODE



SILENT
MODE



5 SPEED
SETTING



FILTER
REPLACEMENT
INDICATOR



SMART
NIGHT
MODE



TIMER



CONTEMPORARY
DESIGN

OPTIMIZE INDOOR AIR QUALITY FOR HEALTHIER BREATHING & OVERALL WELL-BEING

PURIFY



NAP 101-i 4-STEP PURIFICATION

STEP 1 WASHABLE MESH FILTER

Trap large particles such as hair, scurf, coarse particulates and dust present in the air. Prolong the lifespan of subsequent filters.

STEP 2 95.00% HEPA TYPE FILTER

Remove up to 95% of airborne allergens and germs such as fine dust, haze and smoke particulates, pet dander, mold spores, pollen, some bacteria and viruses.

STEP 3 GRANULAR ACTIVATED CARBON FILTER

Adsorb volatile organic compounds (VOCs), unpleasant odour and airborne chemicals.

STEP 4 BUILT-IN IONIZER (SEMI-PERMANENT)

Eliminate airborne allergens and germs such as pollen, dust mites, pet dander, mold spores, bacteria, fungi and virus.



NAP 501 5-STEP PURIFICATION

STEP 1 WASHABLE MESH FILTER

Trap large particles such as hair, scurf, coarse particulates and dust present in the air. Prolong the lifespan of subsequent filters.

STEP 2 COOL CATALYST FILTER*

Cool catalyst filter produces reactive oxidants to oxidize and eliminate airborne germs and harmful volatile organic compounds (VOCs). This reaction breaks down the contaminants into carbon dioxide and water molecules under normal room temperature environment.

STEP 3 GRANULAR ACTIVATED CARBON FILTER*

Adsorb volatile organic compounds (VOCs), unpleasant odour and airborne chemicals.

STEP 4 99.97% TRUE HEPA FILTER*

Remove up to 99.97% of airborne allergens and germs such as fine dust, haze and smoke particulates, pet dander, mold spores, pollen, some bacteria and viruses.

STEP 5 BUILT-IN IONIZER (SEMI-PERMANENT)

Eliminate airborne allergens and germs such as pollen, dust mites, pet dander, mold spores, bacteria, fungi and virus.

* Cool Catalyst Filter, Granular Activated Carbon Filter and 99.97% True HEPA Filter are combined as a single filter unit.

LEGEND /



Note: The contaminants are magnified for better illustration purposes only and they are not in actual proportion to the Filters.

puriclean™



PRISTINE PURITY / AIR PURIFIER NAP 511



MODISH REVOLUTIONARY FRESHNESS / AIR PURIFIER NAP 611-i



DC Brushless Motor generates less noise and is typically smaller and lighter. With the absence of brushes, there is minimum wear and tear which improves efficiency.



DC BRUSHLESS MOTOR SYSTEM



POWER EFFICIENCY

With low power consumption, unit can operate continuously throughout the day without running up the electrical bill.



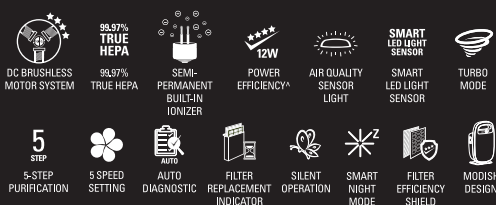
AIR QUALITY SENSOR LIGHT

Unit conducts a quick diagnosis of the current air quality and provides a quick indication through the display of different colour lights. The most appropriate operating mode can then be selected to ensure effective purification.

NOVITA PURICLEAN™ AIR PURIFIER NAP 511 is a desirable addition for every household. Fall in love with its irresistibly captivating features such as superior power efficiency and Air Quality Sensor Light. This sturdy and reliable unit provides impeccable freshness with an air flow rate of 500 m³/hr and a coverage area up to 50 m². Adopting the comprehensive 5-step purification process, NAP 511 ensures that excellent air quality is always achieved. Large particles such as hair and dust are trapped by the washable mesh filter, while reactive oxidants are produced by the cool catalyst filter to eliminate airborne germs and harmful volatile organic compounds (VOCs). Subsequently, the granular activated carbon filter actively adsorbs unpleasant odour and airborne chemicals, while the True HEPA filter removes up to 99.97% of airborne allergens and germs. The air purification process is finally completed when the semi-permanent built-in ionizer diffuses more than 20 million negative ions to efficiently protect us against airborne allergens and germs.

- 12 Watts (BASED ON HIGH FAN SPEED SETTING)
- 5-Step purification
- Coverage up to 538 sq. ft. or 50 m²
- 99.97% True HEPA filter
- Semi-permanent built-in Ionizer
- ≥ 20 Million negative ions per cm³

NAP 511 FEATURES /

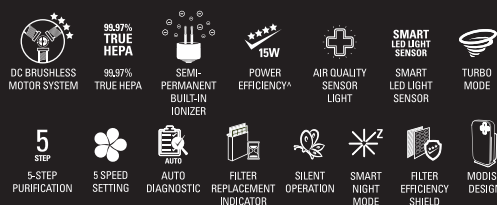


* Based on high fan speed setting

NOVITA PURICLEAN™ AIR PURIFIER NAP 611-i is an eye-catching statement piece designed for the urbanite. With an improved air flow rate of 600m³/hr and a wider coverage area up to 646 sq.ft. or 60 m², NAP 611-i is a perfect choice for spacious area. Together with attractive features like better power efficiency and comprehensive 5-step purification, NAP 611-i impresses with its good looks while ensuring clean and fresh air always. The washable mesh filter targets large particles, while the cool catalyst filter oxidizes and eliminates airborne germs and volatile organic compounds (VOCs). Unpleasant odors are adsorbed by the granular activated carbon filter while the high efficient True HEPA filter removes up to 99.97% of airborne allergens and germs. Completing the purification process, the semi-permanent built-in ionizer produces more than 20 million negative ions to keep airborne germs and allergens at bay!

- 15 Watts (BASED ON HIGH FAN SPEED SETTING)
- 5-Step purification
- Enhanced operation efficiency
- Coverage up to 646 sq. ft. or 60 m²
- 99.97% True HEPA filter
- Highest airflow rate up to 600 m³/hr
- Semi-permanent built-in Ionizer
- ≥ 20 Million negative ions per cm³

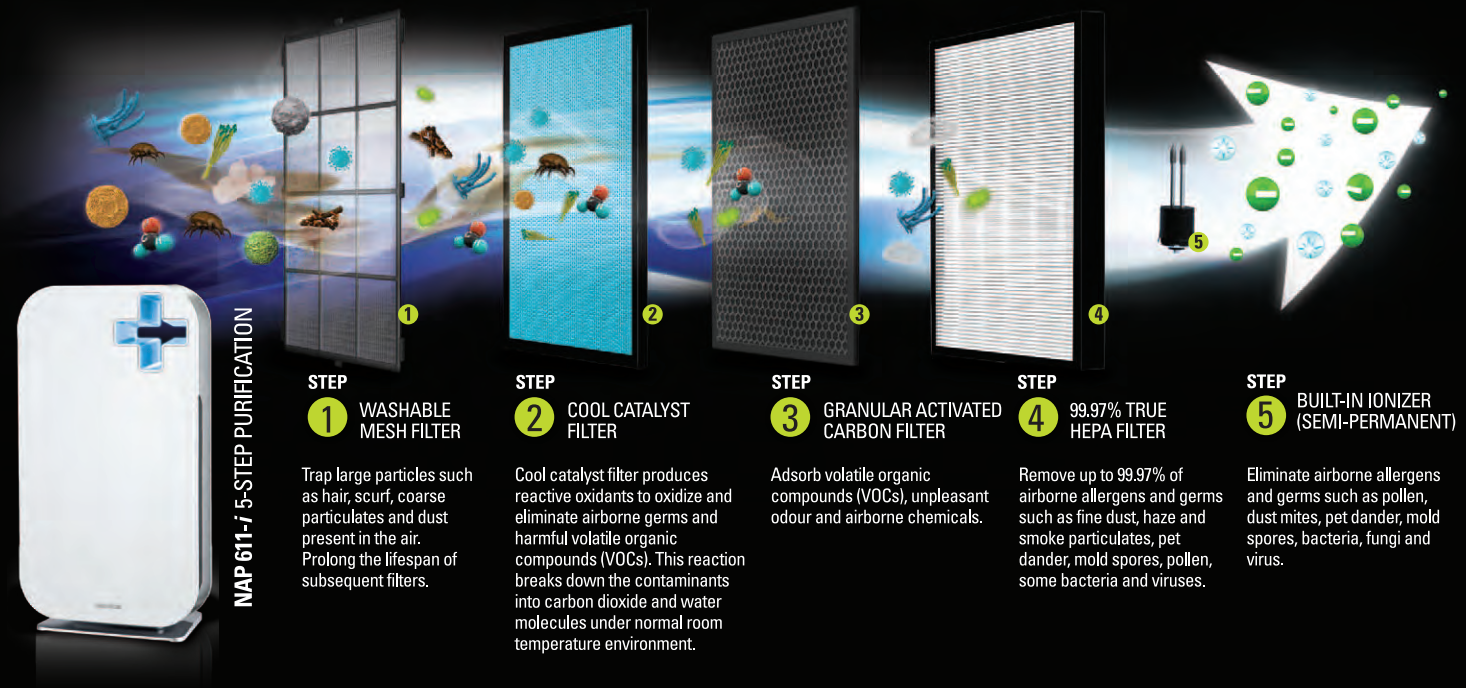
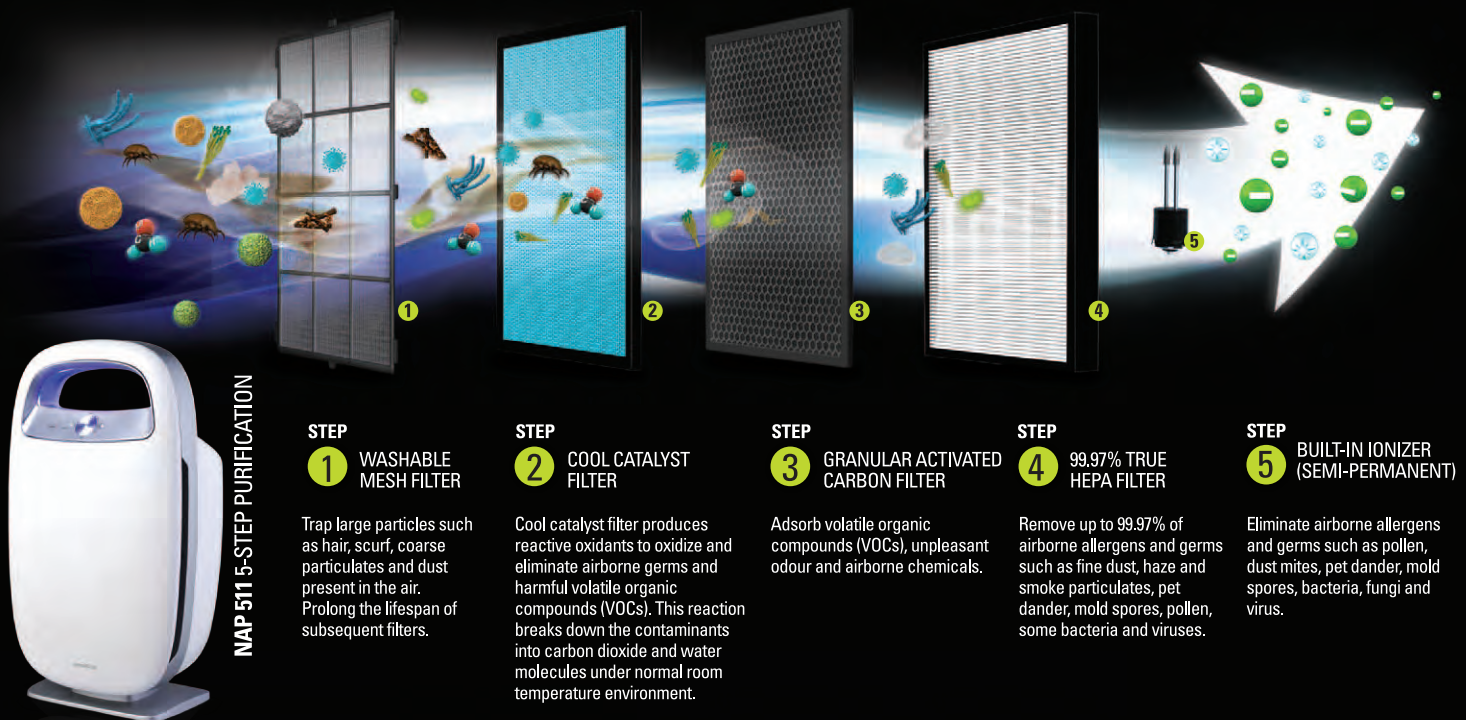
NAP 611-i FEATURES /



* Based on high fan speed setting

RESPIRATORY WELL-BEING FOR THE FAMILY & URBAN DWELLERS

PURIFY



LEGEND /



Note: The contaminants are magnified for better illustration purposes only and they are not in actual proportion to the Filters.

SPECIFICATIONS

NAS AIRCARE™ / AIRCARE PRO™ AIR STERILIZERS


* Based on average eight (8) hours a day, seven (7) days a week under normal domestic indoor environment.
+ Negative ion density measurement is based from source emission.

◊ The recommended coverage area is based on normal domestic indoor environment.
◊ All built-in ionizer are semi-permanent device and require no replacement.

| | MODEL NAME | DIMENSIONS (W X D X H) | NET WEIGHT | POWER CONSUMPTION | VOLTAGE / FREQUENCY | AIR PURIFICATION COVERAGE ◊ | AIR STERILIZATION COVERAGE ◊ | SURFACE SANITIZATION COVERAGE ◊ |
|---|-----------------|--------------------------|------------|-----------------------------------|--------------------------|---|--|---|
|  | NAS 200 | 90 mm x 70 mm x 100 mm | 180 g | 2.7 Watts 2.9 Watts 3.2 Watts | 110 - 240 V / 50 - 60 Hz | - | <ul style="list-style-type: none"> • Low: Up to 108 sq.ft. or 10 m² • Med: Up to 215 sq.ft. or 20 m² • High: Up to 323 sq.ft. or 30 m² (Optimum Performance) | - |
|  | NAS 300 | 95 mm x 120 mm x 108 mm | 171 g | 2.7 Watts 2.9 Watts 3.2 Watts | 110 - 240 V / 50 - 60 Hz | - | <ul style="list-style-type: none"> • Low: Up to 108 sq.ft. or 10 m² • Med: Up to 215 sq.ft. or 20 m² • High: Up to 323 sq.ft. or 30 m² (Optimum Performance) | - |
|  | NAS 6000 | 230 mm x 265 mm x 307 mm | 4.5 Kg | 54 Watts | 220 V / 50 Hz | Recommended Up to 1200 sq.ft. or 111 m ² (Optimum Performance) | Recommended Up to 900 sq.ft. or 84 m ² (Optimum Performance) | Recommended Up to 390 sq.ft. or 36 m ² (Optimum Performance) |

NAI AIRCARE SUPREME™ AIR IONIZER


+ Negative ion density measurement is based from source emission.
◊ The recommended coverage area is based on normal domestic indoor environment.
◊ All built-in ionizer are semi-permanent device and require no replacement.

| | MODEL NAME | DIMENSIONS (W X D X H) | NET WEIGHT | POWER CONSUMPTION | VOLTAGE / FREQUENCY | COVERAGE | CONTROL MODE | TECHNOLOGY |
|---|-----------------|--------------------------|------------|-------------------|--------------------------|--|--|---|
|  | NAI 9000 | 300 mm x 120 mm x 305 mm | 2.83 Kg | 6 Watts | 100 - 240 V ~ 50 / 60 Hz | 60 - 400 sq.ft. or 6 - 37 m ² (Optimum Performance) | <ul style="list-style-type: none"> • Mode 1: Purification • Mode 2: Purification + Sterilization | Advanced Dual Technology System: • Advanced Electron Spray Ionization (Purification) • Advanced Plasma Corona Discharge (Sterilization) |

NAP-H PURICLEAN COMPLETE™ AIR PURIFIER

◊ The recommended coverage area is based on normal domestic indoor environment.
* Based on average eight (8) hours a day, seven (7) days a week under normal domestic indoor environment.
^ The humidification rate may vary subjected to environmental condition.

+ Negative ion density measurement is based from source emission.
◊ All built-in ionizer are semi-permanent device and require no replacement.

| | MODEL NAME | DIMENSIONS (W X D X H) | NET WEIGHT | POWER CONSUMPTION | POWER CONSUMPTION WITH HUMIDIFYING | VOLTAGE / FREQUENCY | RECOMMENDED PURIFICATION COVERAGE | RECOMMENDED HUMIDIFICATION RATE^ |
|--|------------------|--------------------------|------------|---|--|---------------------|--|--|
|  | NAP 2000H | 366 mm x 215 mm x 590 mm | 8.1 Kg | 9 Watts 11 Watts 17 Watts 23 Watts 29 Watts | 12 Watts 14 Watts 20 Watts 26 Watts 32 Watts | 220 V / 50 Hz | 6 m ² 10 m ² 18 m ² 26 m ² 36 m ² | 50 ml/hr 100 ml/hr 120 ml/hr 150 ml/hr 180 ml/hr |

NAP PURICLEAN™ AIR PURIFIERS

* Based on average eight (8) hours a day, seven (7) days a week usage under normal domestic indoor environment.
◊ All Built-In Ionizers are Semi-Permanent device and require no replacement.
+ Negative ion density measurement is based from source emission.

| | MODEL NAME | DIMENSIONS (W X D X H) | NET WEIGHT | POWER CONSUMPTION | VOLTAGE / FREQUENCY | COVERAGE | PROGRAMMABLE MODE | FAN SPEED SETTING |
|---|------------------|--------------------------|------------|---|---------------------|---|---|--|
|  | NAP 101-i | 405 mm x 138 mm x 430 mm | 4.05 Kg | 52 Watts (0.7 Watts At Standby) | 220 V / 50 Hz | Up to 270 sq. ft. or 25 m ² | <ul style="list-style-type: none"> • Low • Medium • High | <ul style="list-style-type: none"> • Low • Medium • High |
|  | NAP 501 | 345 mm x 185 mm x 530 mm | 4.9 Kg | 35 Watts | 220 V / 50 Hz | 5 m ² 8 m ² 12 m ² 18 m ² 25 m ² | <ul style="list-style-type: none"> • Auto Mode • Silent Mode • Turbo Mode • Anion Mode | - |
|  | NAP 511 | 353 mm x 224 mm x 607 mm | 5.6 Kg | 4 Watts 6 Watts 8 Watts 12 Watts 37 Watts | 220-240 V / 50 Hz | 10 m ² 15 m ² 22 m ² 30 m ² 50 m ² | <ul style="list-style-type: none"> • Auto Mode • Silent Mode • Turbo Mode • Air Quality Sensor Light / Anion Mode | <ul style="list-style-type: none"> • Silent • Low • Medium • High • Turbo |
|  | NAP 611-i | 336 mm x 200 mm x 618 mm | 6.0 Kg | 5 Watts 6 Watts 8 Watts 15 Watts 55 Watts | 220 V / 50 Hz | 15 m ² 21 m ² 28 m ² 36 m ² 60 m ² | <ul style="list-style-type: none"> • Auto Mode • Silent Mode • Turbo Mode • Air Quality Sensor Light / Anion Mode | <ul style="list-style-type: none"> • Silent • Low • Medium • High • Turbo |

NAS NAP-H NAP ACCESSORIES

| MODEL NAME | DESCRIPTION | MODEL NAME | DESCRIPTION |
|---|--|--|---|
|  | 36 Months Replacement Accessory Pack NAS 6000F Includes: • 1 x 99.00% HEPA Type Filter Set • 1 x Photocatalytic-Oxidation Cell • 2 x Mica Corona Discharge Plates (Recommended Lifespan: 36 months* (Approx. 8,640 hours)) |  | 24 Months Replacement Filter Pack NAP 2000HF Includes: • 1 x 4-in-1 Filter (Pre-Mesh + Cool Catalyst + Granular Activated Carbon + 99.97% True HEPA) • 1 x Humidifying Filter (Humidifying Filter Frame Not Included) (Recommended Lifespan: 24 months* (Approx. 6,000 hours)) |
|  | 24 Months Replacement Filter Pack NAP 511F Includes: • 1 x Cool Catalyst Filter • 1 x Granular Activated Carbon Filter • 1 x 99.97% True HEPA Filter (Recommended Lifespan: 24 months* (Approx. 6,000 hours)) |  | 24 Months Replacement Filter Pack NAP 611-iF Includes: • 1 x Cool Catalyst Filter • 1 x Granular Activated Carbon Filter • 1 x 99.97% True HEPA Filter (Recommended Lifespan: 24 months* (Approx. 6,000 hours)) |

| CONTROL MODE | TECHNOLOGY | CONTROL METHOD | FAN SPEED SETTING | NOISE LEVEL | AIR FLOW RATE | FILTER UNIT CAPACITY* | NEGATIVE ION DENSITY * |
|---|---|------------------------------|-------------------|--------------------------------------|--|--|------------------------------------|
| <ul style="list-style-type: none"> Low Ozone Emission Mode Medium Ozone Emission Mode High Ozone Emission Mode | Advanced Mica Corona Discharge | Turn - Knob Control | - | 26 dB 30 dB 34 dB | - | - | - |
| <ul style="list-style-type: none"> Low Ozone Emission Mode Medium Ozone Emission Mode High Ozone Emission Mode | Advanced Mica Corona Discharge | Turn - Knob Control | - | 26 dB 30 dB 34 dB | - | - | - |
| <ul style="list-style-type: none"> Photocatalytic-oxidation Mode / Coverage Away Mode* <small>*Not For Use In Occupied Room</small> | QuadSystem™ Technology with Power Amplifier: <ul style="list-style-type: none"> 99% HEPA Type Filtration Advanced UV Nano Photocatalytic-Oxidation Advanced Mica Corona Discharge Advanced Electron Spray Ionization Power Amplifier | Sensitive Soft Key Touch Pad | 1 2 3 4 5 | 39 dB 42dB 46 dB 51 dB 56 dB | 90 m³/hr 108 m³/hr 136 m³/hr 168 m³/hr 194 m³/hr | <ul style="list-style-type: none"> 99% HEPA Type Filter and Photocatalytic-Oxidation Cell (Recommended Replacement 8640 Hours/ 36 Months*) Mica Corona Discharge Plate (Recommended Replacement 4320 Hours/18 Months*) | ≥ 25 Million Negative Ions per cm³ |

| CONTROL METHOD | DISPLAY | NEGATIVE ION DENSITY * | |
|---------------------|--------------------|------------------------------------|--|
| Touch Sensor Button | LED Ambience Light | ≥ 25 Million Negative Ions per cm³ | |

| TANK CAPACITY | CONTINUOUS HUMIDIFICATION | PROGRAMMABLE MODE | FAN SPEED SETTING | NOISE LEVEL | AIR FLOW RATE | FILTER UNIT CAPACITY | NEGATIVE ION DENSITY * |
|---------------|--|--|--------------------------------------|---------------------------------------|--|---|------------------------|
| 1.8 Litres | Up to 12 hours <small>(Based on High Fan Speed Setting)</small> | <ul style="list-style-type: none"> Auto Mode Silent Mode Turbo Mode Anion Mode Humidifying Mode | Silent Low Medium High Turbo | 15 dB 30 dB 36 dB 50 dB 60 dB | 60 m³/hr 100 m³/hr 180 m³/hr 260 m³/hr 360 m³/hr | <ul style="list-style-type: none"> 4-in-1 Filter (Pre-Mesh + Cool Catalyst + Granular Activated Carbon + 99.97% True HEPA) Suggested Replacement 24 Months* <small>(Approx. 6,000 hours)</small> Humidifying Filter Suggested Replacement 24 Months* <small>(Approx. 6,000 hours)</small> | ≥ 20 Million/cm³ |

| NOISE LEVEL | AIR FLOW RATE | FILTER UNIT CAPACITY | NEGATIVE ION DENSITY * | |
|---------------------------------------|---|--|------------------------|--|
| 28 dB 39 dB 48 dB | 85 m³/hr 130 m³/hr 195 m³/hr | <ul style="list-style-type: none"> 3-in-1 Washable Mesh Filter + 95.00% HEPA Type + Granular Activated Carbon Filter <small>(Recommended Replacement 3000 Hours/12 Months*)</small> | ≥ 9 million/cm³ | |
| 15 dB 25 dB 30 dB 40 dB 50 dB | 50 m³/hr 80 m³/hr 120 m³/hr 180 m³/hr 250 m³/hr | <ul style="list-style-type: none"> 3-in-1 Filter (Cool Catalyst + Granular Activated Carbon + 99.97% True HEPA) <small>(Recommended Replacement 6000 Hours/24 Months*)</small> | ≥ 20 million/cm³ | |
| 15 dB 25 dB 30 dB 36 dB 45 dB | 100 m³/hr 150 m³/hr 220 m³/hr 300 m³/hr 500 m³/hr | <ul style="list-style-type: none"> Cool Catalyst Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> Granular Activated Carbon Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> 99.97% True HEPA Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> | ≥ 20 million/cm³ | |
| 18 dB 25 dB 30 dB 36 dB 50 dB | 150 m³/hr 210 m³/hr 280 m³/hr 360 m³/hr 600 m³/hr | <ul style="list-style-type: none"> Cool Catalyst Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> Granular Activated Carbon Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> 99.97% True HEPA Filter <small>(Recommended Replacement 6000 Hours/24 Months*)</small> | ≥ 20 million/cm³ | |

| MODEL NAME | DESCRIPTION | MODEL NAME | DESCRIPTION |
|------------|---|------------|--|
| | NAP 101-i F 12 Months Replacement Filter Pack NAP 101F Includes: • 1 x 3-in-1 Washable Pre Filter + 95.00% HEPA Type + Granular Activated Carbon Filter <small>(Recommended Lifespan: 12 months* (Approx. 3,000 hours))</small> | | NAP 501F 24 Months Replacement Filter Pack NAP 501F Includes: • 1 x 3-in-1 Filter (Cool Catalyst + Granular Activated Carbon + 99.97% True HEPA) <small>(Recommended Lifespan: 24 months* (Approx. 6,000 hours))</small> |

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SUPPORTING PARTNERS



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