

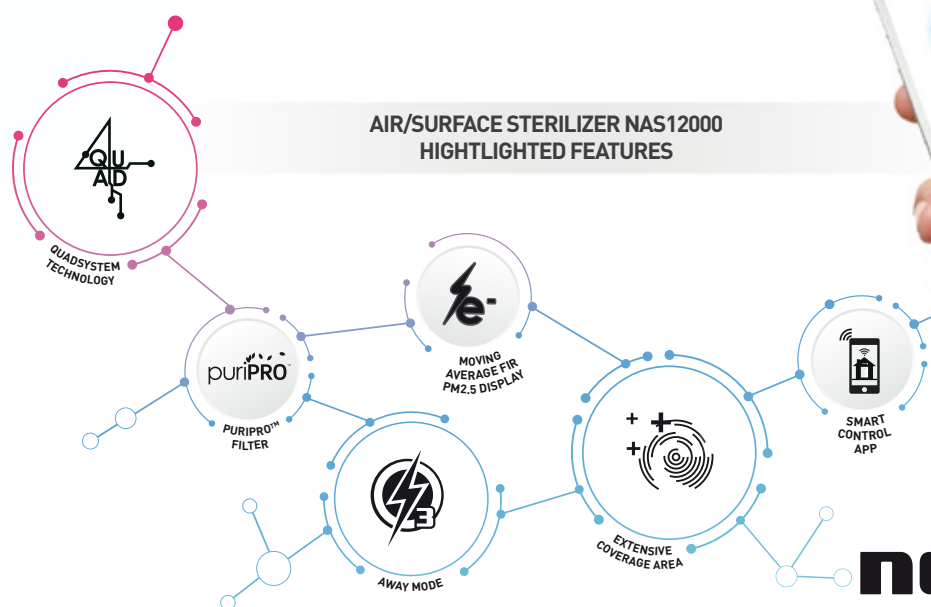


UP TO 60 MILLION NEGATIVE IONS

AIR/SURFACE STERILIZER NAS12000

Powered by QuadSystem™ Technology, the novita AirCare Pro™ Air Sterilizer NAS12000 demonstrates its competence by efficiently sterilizing and eliminating 99.99% of total airborne bacteria, yeast and mold within 3 minutes. Also endowed with a powerful surface sanitization performance, 99.99% of surface-bound E.Coli & Salmonella is removed within 15 minutes. Giving a CADR rating of 295CFM or 501m³/hr based on PM2.5 filter to remove 2.5 microns smoke particles, the NAS12000 proves its purifying efficiency standard. Depend on this air sterilizer to effectively purify, ionize and sterilize your surrounding air for the highest air security protection and a complete surface sanitization today! Be assured of complete air quality management with the SmartControl App that allows you to freely operate the unit anytime, anywhere. Effectively eliminating airborne bacteria and viruses over a large coverage area, this air sterilizer is used in homes, clinics, childcare centres, offices. And together with other features you desire, trust in the novita AirCare Pro™ Air Sterilizer NAS12000 to give optimum and protected indoor air and beyond every day.

QUADSYSTEM™ TECHNOLOGY EFFICIENCY	
AIR PURIFICATION & STERILIZATION	
>99.99%	PM2.5 RESPIRATORY SUSPENDED PARTICULATES within 1 min
>99.99%	PM10 RESPIRATORY SUSPENDED PARTICULATES within 1 min
99.99%	TOTAL AIRBORNE BACTERIA within 3 mins
99.99%	TOTAL AIRBORNE YEAST & MOLD within 3 mins
SURFACE SANITIZATION	
99.99%	E.COLI & SALMONELLA within 15 mins
99.99%	MRSA within 15 mins
99.99%	YEAST within 15 mins
99.99%	MOLD within 15 mins

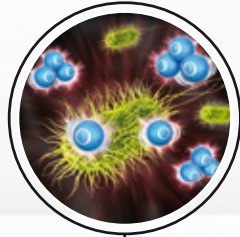


AIR/SURFACE STERILIZER NAS12000 HIGHLIGHTED FEATURES

EXPERIENCE THE POWER & BEYOND

SANITIZE • STERILIZE • IONIZE • PURIFY

01
SANITIZE



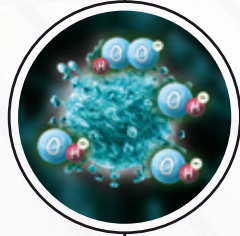
Endowed with a powerful surface sanitization performance, 99.99% of surface-bound E.Coli & Salmonella, MRSA, yeast & Mold is removed within 15 minutes. With controlled ozone concentration levels, cleanliness and hygiene of contact surfaces can assured, having undergone a thorough sanitization

02
STERILIZE



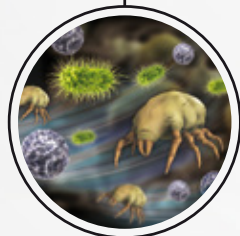
Ensuring optimal sterilization, controlled ozone concentration levels work to eliminate 99.99% of total airborne bacteria, yeast and mold within 3 minutes. The incredible oxidation capacity of ozone facilitates thorough elimination of airborne germs such as virus and fungi while doubling as an effective odour control to prevent unpleasant smells from lingering in the air we breathe.

03
IONIZE

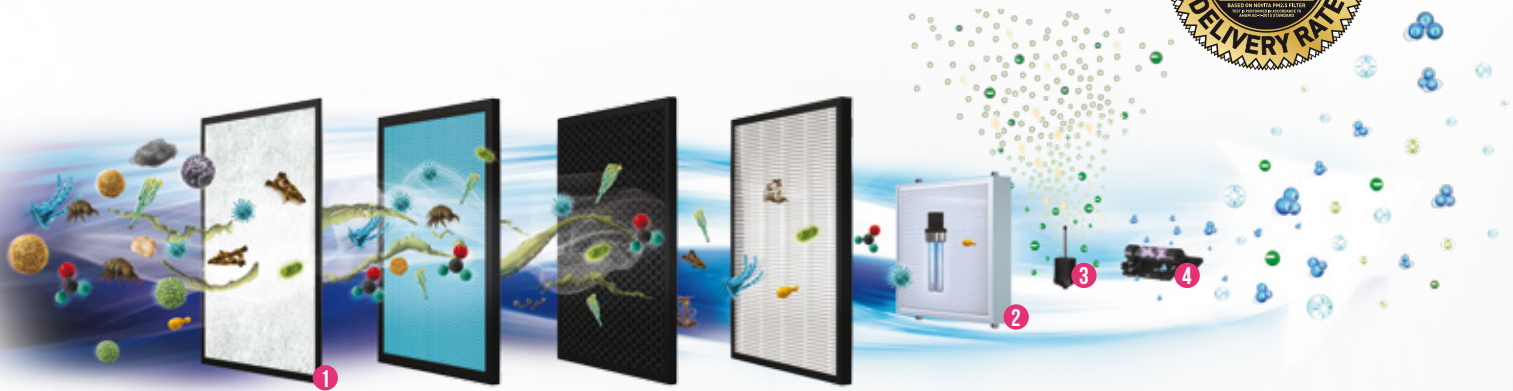


Revel in an overall calming effect and breathe well with the abundance of negative ions that freshens up the indoor air quality. Producing up to 60 million negative ions per cubic centimetre, airborne allergens and germs are eliminated. The negative ions generated also aid in stress relief, boost energy levels and increase overall alertness.

04
PURIFY



The 4-in-1 PuriPRO® Filter integrates a Pre-Mesh filter, Cool Catalyst filter, Granular Activated Carbon filter and 99.97% True HEPA filter into one, capably removing more than 99.99% of PM2.5 & PM 10 respiratory suspended particulates in just 1 minute, ensuring quality air standards for you to breathe well.



STEP

1 4-IN-1 PURIPRO™ FILTER

Integrating a Pre-Mesh filter, Cool Catalyst filter, Granular Activated Carbon filter and 99.97% True HEPA filter into 1 filtration system. Within 1 minute, more than 99.99% of PM 2.5 & PM 10 respiratory suspended particulates is removed and within 5 minutes, more than 99.99% of all surrounding airborne bacteria, yeast and mould is eliminated.

NOTE: All tests are conducted by Singapore Accredited Laboratory, in specific condition for testing analysis and measurement purposes. Actual results may vary due to environmental and usage condition.

STEP

2 ADVANCED UV NANO PHOTOCATALYTIC -OXIDATION (SEMI-PERMANENT)

Ultraviolet light and titanium dioxide (TiO₂) catalyst boosts the unit's air purifying capacity. Producing Hydroxyl radical (OH•) and Superoxide anion (O₂⁻), airborne germs and volatile organic compounds (VOCs) are effectively oxidized and eliminated, keeping the surrounding air free from harmful pollutants.

STEP

3 ADVANCED ELECTRON SPRAY IONIZATION (SEMI-PERMANENT)

Purifies your surrounding air by producing up to 80 million negative ions per cm³ to eliminate airborne allergens and germs. In addition, negative ions also help relieve stress, boost energy levels, increase alertness and freshen the air quality.

STEP

4 ADVANCED CORONA DISCHARGE (SEMI-PERMANENT)

Produces controlled ozone concentration levels which has an incredible oxidation capacity against airborne germs and surface-bound contaminants. Its effective odour control also eliminates unpleasant odours such as cigarette smoke that linger in the air we breathe.

LEGEND

ALLERGENS



GERMS



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 & 99.97% True HEPA Filter are combined as a single filter unit.

PRODUCT FEATURES



QUADSYSTEM™
TECHNOLOGY



PURIPRO®
FILTER



SMARTCONTORL
APP



AWAY
MODE
**DO NOT
OPERATE AWAY MODE
IN OCCUPIED ROOM**



AIRBORNE
STERILIZATION
& SURFACE
SANITIZATION



SMART
PROGRAMMED
SETTING



FIR PM2.5
PARTICLE
SENSOR



MOVING
AVERAGE FIR
PM2.5 DISPLAY



EXTENSIVE
COVERAGE
AREA

SPECIFICATIONS

Voltage/Frequency	220 V / 50 Hz				
Speed Setting	Turbo	High	Medium	Low	Silent
Power Consumption	100 Watts	75 Watts	66 Watts	56 Watts	54 Watts
Air Flow Rate	600 m³/hr	530 m³/hr	480 m³/hr	400 m³/hr	380 m³/hr
Noise Level	63 dB	60 dB	58 dB	53 dB	53 dB
Air Purification Recommended Coverage [◇]	1,292 ft² or 120 m²	1,130 ft² or 105 m²	1,023 ft² or 95 m²	861 ft² or 80 m²	753 ft² or 70 m²
Air Sterilization Recommended Coverage [◇]	Up to 3,000 ft² or 279 m²				
Surface Sanitization Recommended Coverage [◇]	Up to 2,000 ft² or 186 m²				
CADR (Smoke PM2.5) [□]	295 CFM / 501 m³/hr				
Net Weight	10 Kg				
Dimensions (W x D x H)	400 mm x 247 mm x 681 mm				
QuadSystem™ Technology	Step 1: 4-in-1 PuriPRO® Filter Step 2: Advanced UV Nano Photocatalytic-Oxidation Step 3: Advanced Electron Spray Ionization Step 4: Advanced Corona Discharge				
Negative Ions Density [*]	Up to 60 Million/cm³				
Away Mode Ozone Emission	Up to 500 mg/hr				
Do not operate Away Mode in occupied room					
Applicable Wi-Fi Pairing Frequency	2.4 GHz				

◇ The recommended coverage area is based on normal domestic indoor environment usage.

□ The Clean Air Delivery Rate (CADR) in terms of smoke (PM2.5) removal is performed in accordance to AHAM AC-1-2015 standard. CFM unit is equivalent to ft³/min, m³/hr unit is derived from CFM conversion. Based on novita PM2.5 Filter.

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

+ Negative ion density measurement is based from source emission.

Air purification, air sterilization and surface sanitization performance may be subjected to environmental conditions and contaminants level. Recommended coverage based on 2.5 metre or 8.2 feet ceiling height.