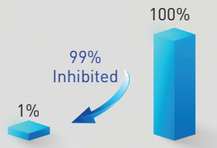
HEPA Composite Filter

- Comprises three innovative technologies:
  Super alleru-buster, Green Tea Catechin, and Anti-bacteria Enzyme
- Inhibits viruses, bacteria, and 17 kinds of allergen by up to 99% *1
- Effectively removes up to 99.99% of PM0.003 particles *2



With a HEPA Composite Filter air purifier

Without an air purifier

Amount of allergens
(pollen, mite droppings, insects, etc.)

PM stands for Particulate Matter. PM2.5 refers to the tiny particles with diameter 2.5 micrometer or less in the air. PM0.003 is about 800 times smaller than PM2.5. They are tiny enough to travel deeply into respiratory tract, reaching the lung and cause health impacts. Panasonic air purifier equipped with HEPA Composite Filter can eliminate these particles efficiently to protect your health.

PM0.003

SUPER alleru-buster
Inhibits allergens by up to 99%

Green Tea "Catechin"
Inhibits viruses by up to 99%

Anti-bacteria Enzyme
Prevents bacteria reproduction

Inhibited Allergens

*1 • Super alleru-buster (Report no. 2127)
Test Laboratory: Osaka Municipal Technical Research Institute of Japan. Test Methodology: Measure reduction level of tick allergens by Enzyme-linked Immuno Sorbent Assay. Inhibit Method: Contact with Super alleru-buster. Test Subject: Allergens captured by filter (tick, pollen, etc.). Test Results: 99% or more is inhibited.
• Catechin (Report no. 15-0115)
Test Laboratory: Kitasato Research Centre of Environmental Sciences. Test Methodology: Inhibit rate of virus using the Plaque method. Inhibit Method: Contact with Green Tea Catechin. Test Subject: Virus captured by filter. Test Results: 99% or more is inhibited.
• Anti-bacteria Enzyme (Report no. 207060074-002)
Test Laboratory: Japan Food Research Laboratory. Test Methodology: Testing of the filter's anti-mold function using the Harrow method

*2 • PM0.003 particle (UN2-200911-T5599900-136)
Test Laboratory: IUTA. Test Subject: NaCl aerosol. Test Results: 3 nm particle removal efficiency >99.99%

De-formaldehyde Technology

With the additive substance, the formaldehyde is removed by means of chemical decomposition.

The porous activated carbon efficiently traps the formaldehyde contaminants.

The additive strengthens the trapping stability of the activated carbon against the contaminants.

3-steps to Eliminate Formaldehyde Contamination

Using the 3-step process, the formaldehyde contaminants are removed by chemical decomposition, activated carbon adsorption, and trapping.

PM2.5/Odor Indicator

The PM2.5 and odor indicator lets you to see the air quality easily and in real-time

Panasonic

Purify The Air Your Loved Ones Breathe

AIR PURIFIER
F-PXU70AWM

A Better Life, A Better World

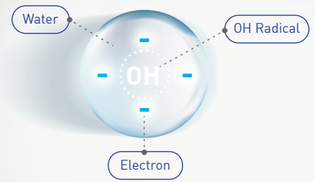
nanoe™X

nanoe™ TECHNOLOGY

Panasonic Unique nanoe™X Technology

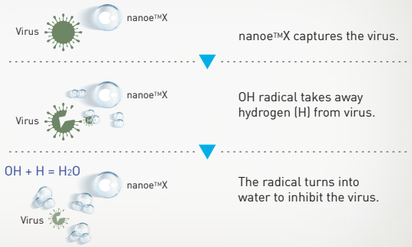
A nanoe™X is a fine (5 to 20nm) and weak acidic water particle with a reactive substance and an electric charge. A nanoe™X device releases radicals in water molecules which effectively removes viruses, bacteria, odors and allergens. The effectiveness of virus and bacteria removal *1 depends on the number of OH radical. *2 A nanoe™X device generates at a high rate 0f 4.8 trillion per second.

nanoe = **nano**-technology + **e**lectric



nanoe™X wrapped in water molecule

How Does nanoe™X Work?



nanoe™X Characteristics

Longer Life

Coated in water, nanoe™X has six times longer life spans than ordinary air ion technology.

Ordinary Air Ion Technology
Dissipates
in 100 seconds

nanoe™X
After 100 seconds

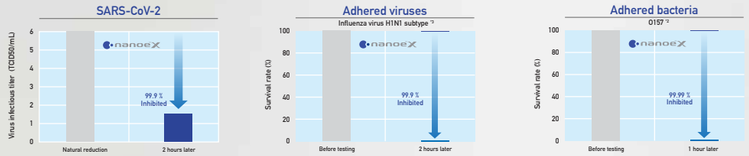
Microscope Scale

One-billionth the volume of a steam particle.

nanoe™X Main Features

Anti-Virus/Bacteria

Inhibits viruses (99.9%) and bacteria (99.99%)



Novel Coronavirus (COVID-19)

Testing Organization : TEXCELL (France)
Testing Method : Exposed to a nanoe™ device at 15cm distance in 45L enclosed box for 2 hours
Test Substance : novel coronavirus (SARS-CoV-2)
Test Results : Over 99.99% of activity is inhibited (1140-01 A1)

Influenza Virus H1N1 Subtype

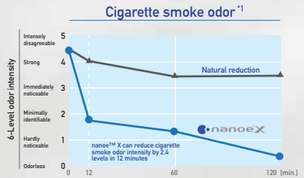
Testing Organization : Kitasato Research Center for Environmental Science
Testing Method : Measured the number of viruses adhered to a cloth in an approximately 1m3 airtight test room
Inhibition Method : nanoe™ released
Test Substance : Adhered virus
Test Results : Inhibited by at least 99.9% in 2 hours (21_0084_1)

E. Coli (O157)

Testing Organization : Japan Food Research Laboratories
Testing Method : Measured the number of bacteria adhered to a cloth in an approximately 45L airtight test room
Inhibition Method : nanoe™ released
Test Substance : Adhered bacteria
Test Results : Inhibited by at least 99.9% in 1 hour (208120880_001)

Deodorization

Reduces strong cigarette smoke odor to hardly noticeable in only 1 hour



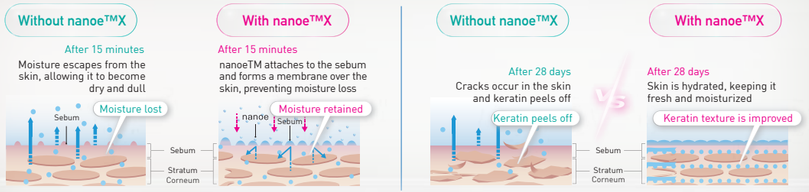
Deeply penetrates into cloth fabrics for inhibiting odor

Cigarette Smoke Odor

[Testing organization] Panasonic Product Analysis Center
[Testing method] Verified using the six-level odor intensity scale method in an approximately 23m³ test room
[Deodorization method] nanoe™ released
[Test substance] Surface-attached cigarette smoke odor
[Test results] Odor intensity reduced by 2.4 levels in 12 mins.
(4AA33-160615-N04)

Skin and Hair Hydration

Helps keep the moisture back to the skin



1. [Testing organization] Panasonic Product Analysis Center [Testing method] Rest period: 90 minutes, nanoe™ exposure time: 60 minutes, retention: 60 minutes. 8 women aged 30–49 with dry to normal skin [Test results] Change in skin moisture content equivalent to a 20% point increase from 30% to 50% in environmental humidity (USG-KT-14K-012-TM)
2. [Testing organization] FCG Research Institute, Inc. [Testing method and test results] Of 20 women 40 ± 2 years old, 10 women used a nanoe™ generating device at home for 28 days, while the other 10 women used a device with no nanoe™ generating device for 28 days at home (19104)

SUPER alleru-buster

Green Tea "Catechin"

Anti-bacteria Enzyme

Appliable Area: 52 m² | Dimensions: H 560 x W 362 x D 280 mm | Weight: 8 kg

Air Purification

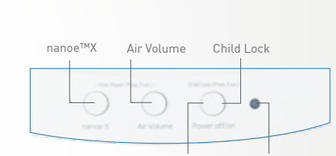
nanoe™X
HEPA Composite Filter
Super Nano-technology Deodorizing Filter
De-Formaldehyde Function

Other Features

PM2.5 / Odor Sensor
Brightness Sensor
Child Lock

Indicator

LCD Indication Panel
PM2.5 Concentration Digital Indicator
Odor Level Indicator
Filter Replacement Indicator



Setting	Air Purification		
	High	Mid	Low
Power Consumption [W]	36	10.5	6.5
Air Volume [m³/min.]	7	3.1	1.1
Noise [dB(A)]	48	32	18

Note:
The calculation of applicable area is based on the standard JEM1467, as stipulated by the Japan Electrical Manufacturers Association. The applicable area is defined as the area filled with dirty air, 30 mins under 1 air change per hour of natural ventilation, as specified under the Building Sanitation Law.

Disclaimer

1. Please note that products incorporating nanoe™X and nanoe™ technology are not to be used for medical treatment.
2. nanoe™X and nanoe™ are not intended to prevent infectious diseases. The technology has been found to be effective in suppressing a variety of harmful airborne and adhering substances, including viruses (e.g., H1N1), bacteria (e.g., E. coli), mold fungi, and allergens. However, nanoe™X and nanoe™ do not create an aseptic environment, nor do they guarantee prevention of infection.
3. Data regarding the effectiveness of nanoe™X and nanoe™ have been obtained through experiments under special conditions using devices that generate electrostatic atomized water, and have not been tested on commercial products with the devices incorporated in them.
4. The deodorization effect varies according to the environment (e.g., temperature and humidity), operation time, odor, and fabric type. It does not eliminate the toxic substances in cigarettes (e.g., carbon monoxide). Odors that are continuously generated (e.g., building material and pet odors) are not completely eliminated. Results may vary based on usage and seasonal/environmental variables (e.g., temperature and humidity). nanoe™X and nanoe™ inhibit activity or growth of viruses, but do not prevent infection.
5. The actual effects may vary depending upon the specific condition of the room, etc.

Panasonic Malaysia Sdn Bhd
Registration No. 197601000977 (26975-W)
Customer Care Centre: Tel: 03-7953 7600 (Mon to Fri: 9am-5pm)
Lot 10, Jalan 13/2, 46200 Petaling Jaya, Selangor Darul Ehsan.
E-mail: ccc@my.panasonic.com www.panasonic.com.my