

Panasonic

New Air Purifier



nanoe™X product expansion

- November release
- Supporting nanoe™X Marketing campaign
- 2 Ways to improve air quality at home



362 mm x 280 mm x 560 mm (WxDxH)

nanoe™X Air Purification

- Actively neutralises/inhibits 5 types of pollutants and deodorises odours

HEPA Filter & Deodorizing Filter

- HEPA: Remove above 0.3µm particles up to 99.97%
- Deodorizing function

PM2.5/Odour Indication

- PM2.5 digital display
- Clean sign for odour level

Suitable for Rooms of up to 95m²

- Boosted performance to 360m³/hr CADR

Low Energy Consumption

- Runs at 36 W power at Max

Sleep Mode

- Dimmed display light
- Whisper quiet at 18db

Floor area capacity is tested on NRCC 54013, under the condition of high speed.

What is nanoe™X?

Panasonic Air Conditioners now feature a built-in Air Purification system, called nanoe™X



Inhibition of bacteria & viruses

nanoe™X effectively inhibits many common pollutants both in the air as well as surfaces in your home.



Cool, heat, fan, auto, dry

nanoe™X air purification system can function in all of the air conditioners' operating modes



Sensitive Choice Program

nanoe™X is approved by the Asthma Council of Australia's Sensitive Choice Program



Laboratory tested technology

Over 140 independent laboratory tests have been conducted to validate the effectiveness of nanoe™X technology

* The nanoe™X mode can be run independently from cooling or heating mode, and needs to be on for the 24 hour air purification to function.

† Allergens from pet fur or dust mite activity.

The effect of nanoe™X varies depending on model selected.

‡ Source: <https://www.epa.gov/iaq-schools/why-indoor-air-quality-important-schools#:~:text=EPA%20studies%20of%20human%20exposure,percent%20of%20their%20time%20indoors.>

§ Source: <http://www.environment.gov.au/protection/air-quality/indoor-air>

|| Source: <https://asthma.org.au/about-asthma/understanding-asthma/statistics/>

How can we
improve our
indoor air
quality?



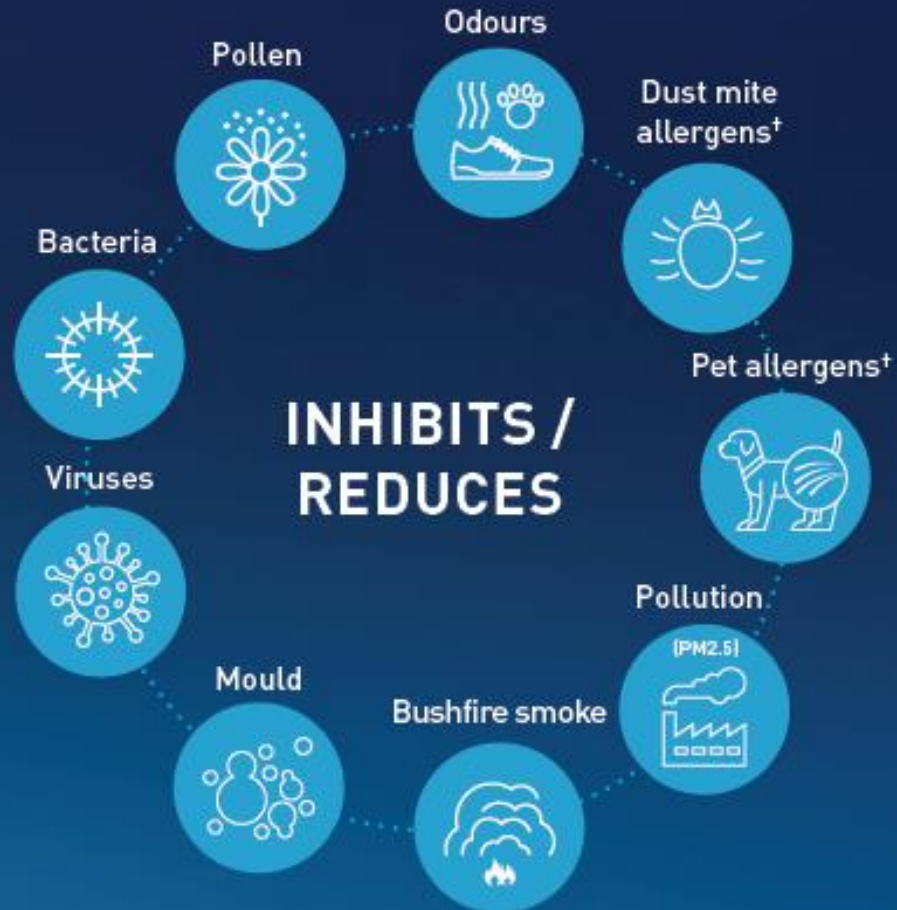
Moisturising environment
for skin and hair



Works on surfaces as
well as in the air!

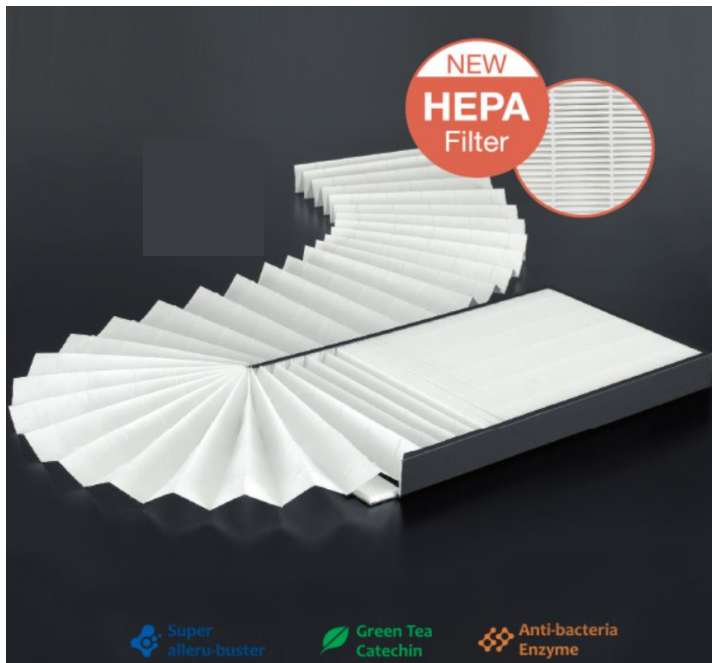
nanoe™X

AIR PURIFICATION*



HEPA Filter

3 Key Elements of New HEPA Filter



	▪ Inhibits certain kinds of allergen up to 99% by surrounding and restraining the allergens with phenolic polymer (*1)
	▪ Inhibits certain kinds of virus up to 99% by surrounding the viruses with the Catechin (*2)
	▪ Prevent the reproduction of bacteria and molds in order to ensure clean environment (*3)

*1 Test laboratory: Osaka Municipal Technical Research Institute of Japan. Test Methodology: Measure reduction level of tick allergen by Enzyme-linked Immuno sorbent Assay. Test Subject: Allergens captured by filter (tick, pollen) / Test Result 99% or more is inhibited *Report no.2127

*2 Test laboratory: Kitasato Research Centre of Environmental Sciences. Test Methodology: Inhibit rate of virus by Plaque method. Inhibiting Method: contact with Catechin Test Subject: Virus captured by filter Test Result 99% or more is inhibited *Report no.15-0115

*3 Test laboratory: Japan Food Research Laboratory. Test Methodology: Testing of anti-mold function of the filter, using the Harrow method. *Report no.207060074-0002
Removal performance of filter only. The performance for whole house would be different.

HEPA/Deodorizing Filter



PM2.5 & Odour Indicator

PM2.5 Digital Display : Indicates PM2.5 concentration
3 Levels Odour Indication : Blue/Purple/Red



Blue: Clean



Purple: Slight dirty



Red: Dirty

Measurement range : 0 – 600 $\mu\text{m}/\text{m}^3$
When the PM2.5 concentration is equal or higher than 600 $\mu\text{m}/\text{m}^3$, 600 $\mu\text{m}/\text{m}^3$ will be displayed.

Thank You.

Panasonic