Panasonic

New Air Purifier

Air Purifier with nanoe™X F-PXU70M

Panasonic

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 deordorises 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 95m^2

- Boosted performance to 360m^3/hr CADR

Low Energy Consumption

- Runs at 36 W power at Max

Sleep Mode

- Dimmed display light
- Wisper quiet at 18db

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

Apart from use for purposes authorised by Panasonic no part may be reproduced or disclosed to a third party without the written permission of Panasonic. Specifications and prices subject to change without notice. Any suggested Retail Price should be used as a guide only

nanoe™X

Panasonic

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.

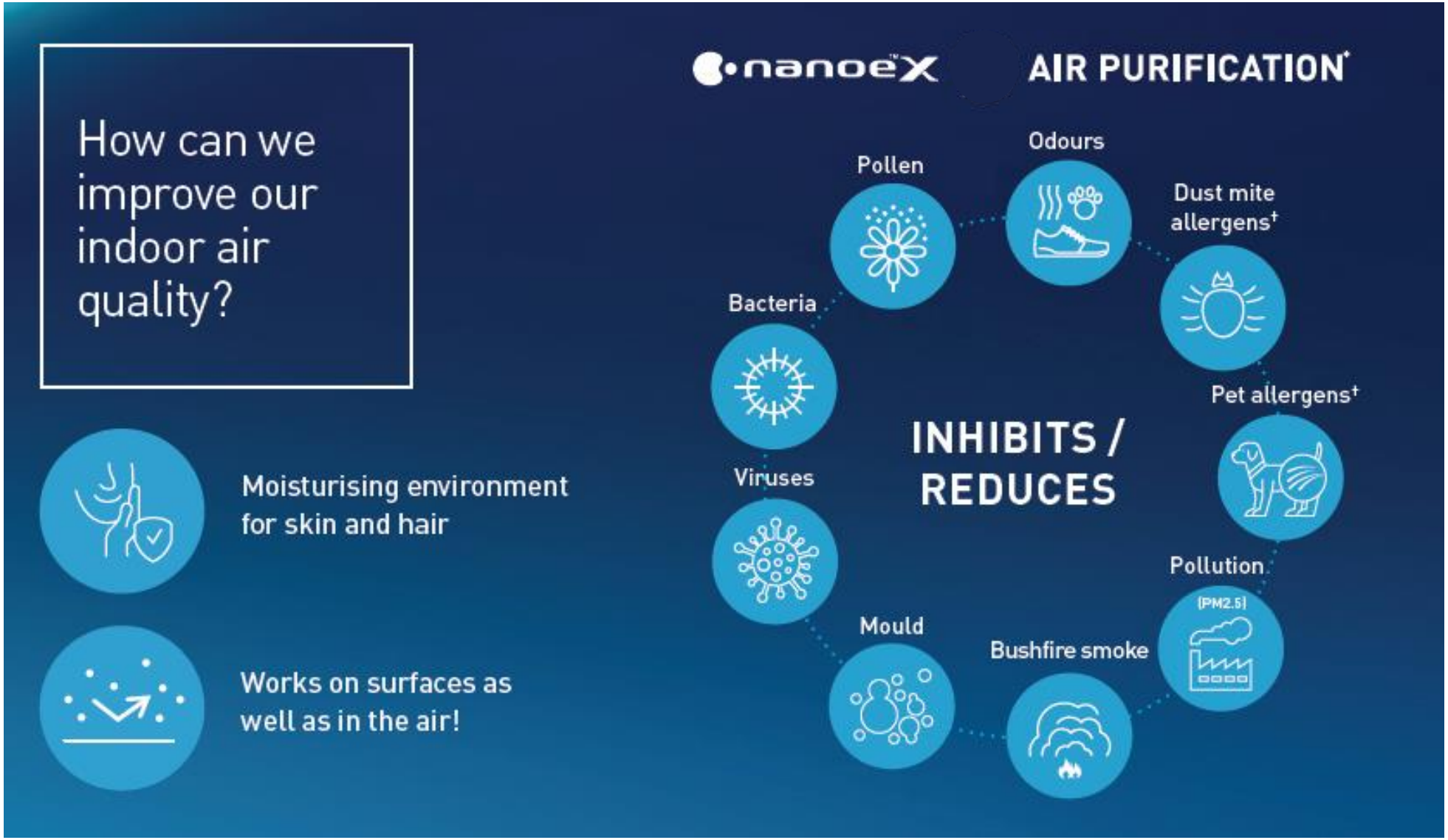
[1] Source: https://www.epa.gov/iaq-schools/why-indoor-air-quality-important-schools#:~:text=EPA%20studies%20of%20human%20exposure,percent%20of%20their%20time%20indoors.

[2] Source: http://www.environment.gov.au/protection/air-quality/indoor-air

[3] Source: https://asthma.org.au/about-asthma/understanding-asthma/statistics/

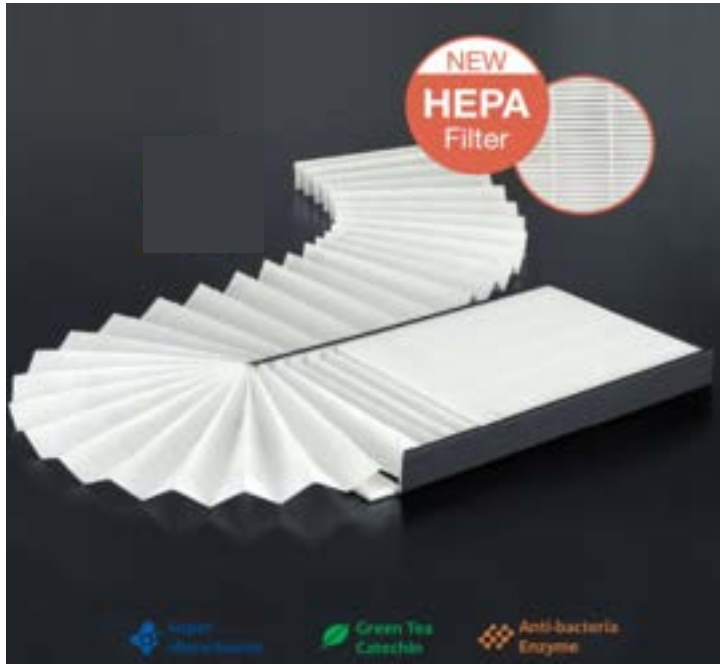
nanoe™X

Panasonic



HEPA Filter

3 Key Elements of New HEPA Filter



Super alleru-buster	▪ Inhibits certain kinds of allergen up to 99% by surrounding and restraining the allergens with phenolic polymer (*1)
Green Tea Catechin	▪ Inhibits certain kinds of virus up to 99% by surrounding the viruses with the Catechin (*2)
Anti-bacteria Enzyme	▪ 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 Sensor

Deodorizing Filter : Deodorizes strong and unpleasant odour.

Performance

Dust CADR(m^3/h): 360
Formaldehyde CADR(m^3/h): 210
Tested at [GB/T] standard.

HEPA Composite filter : Remove up to 99.97% particles 0.3μm particles and formaldehyde removal.

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 μ m/m^3
When the PM2.5 concentration is equal or higher than 600 μ m/m^3 , 600 μ m/m^3 will be displayed.

Panasonic

Thank You.

Panasonic