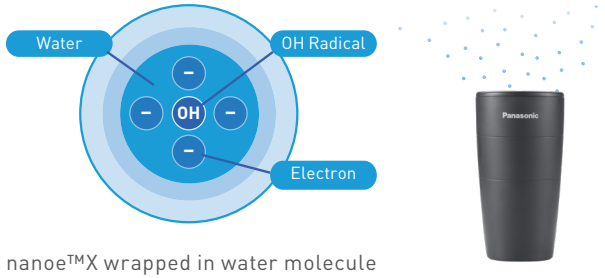
WHAT IS nanoe™X?

nanoe™ = nano-technology + electric

nanoe™ are Hydroxyl Radicals (OH) inculpated in water, giving them a longer life span (up to 10 min*1). Their size is 5-20nm*2 which allows them to penetrate fabrics thoroughly and reach every corner of the room in order to inhibit pollutants like viruses and allergens etc.

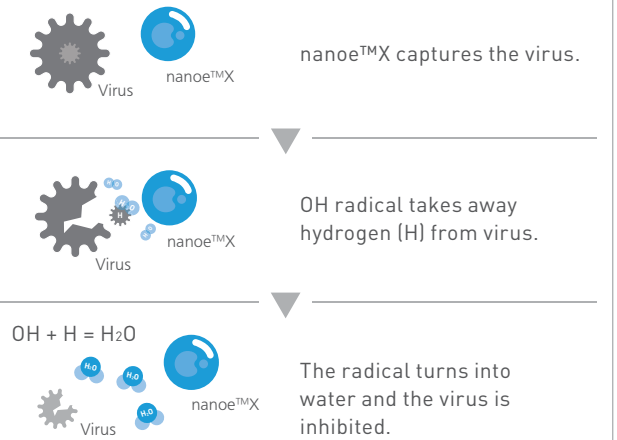
The F-GPT01M nanoe™X device generates 4.8 trillion nanoe™ per second, effectively inhibiting both adhered and airborne pollutants for an improved air quality and comfort.

*1 https://www.panasonic.com/global/consumer/clean/hydroxyl/history.html
*2 1nm (nanometre = 0.000000001m (one billionth of a metre)



nanoe™X wrapped in water molecule

HOW nanoe™X INHIBITS POLLUTANTS



*1 Virus: the effect resulted in 1cu.m. enclosed test box for 2 hours, not at actual usage space.

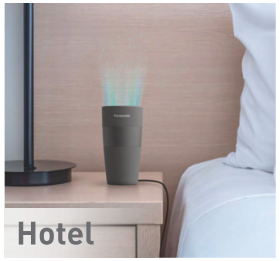
・<Adhering Virus> [Test Laboratory] Kitasato Research Centre of Environmental Sciences [Test methodology] exposed to charge water particles for 2 hours in 1 cu.m. by TCID50 (50% tissue culture infectious dose) [Test result] 99% is inhibited [Report no.] 21_0084_1

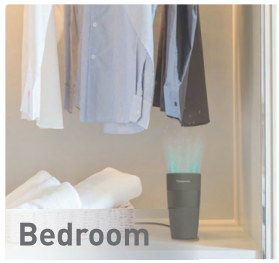
*2 Bacteria: the effect resulted in 25cu.m. enclosed test space for 4 hours, not at actual usage space.

・<Airborne Bacteria> [Test Laboratory] Kitasato Research Centre of Environmental Sciences [Test methodology] exposed to charge water particles for 4 hours in 25 cu.m. test room [Test result] 99% is inhibited [Report no.] 24_0301_1

*3 Based on the ESR test methodology, applicable in the air purifier launched after September 2011.

ANYWHERE, ANYTIME, QUALITY INDOOR AIR





SPECIFICATIONS

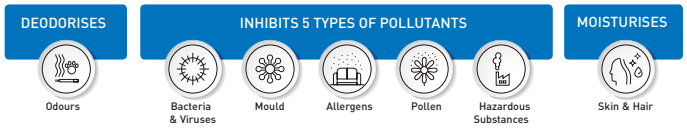
Model	Estimated Applicable Volume	Air Volume	Noise	Power Consumption	Voltage	Power Cord	Dimensions (Height x Top x Base)	Weight
F-GPT10M	3m³	1.1L/s	34dB	3.5W	DC 5V (Adaptor 1.5A)	1.5m USB-A to USB-C	170 x 90 x 66mm	0.4kg

Eliminates 99% bacteria in 3m³ space in 2 hours [Test organization] Guangzhou Institute of Microbiology Research [Report no. KJ20203596-2]

Condition for generating nanoe™X
- Room temperature : about 5°C ~ 40°C (dew point temperature more than 2°C)
- Relative humidity : about 30% ~ 85%

nanoe™X is generated using the air in the room, and its amount is subject to the temperature and humidity.

EFFECTIVENESS OF nanoe™X



For further details and validation data, please refer to the following website:

www.panasonic.com.au/nanoe

Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it. Specifications are subject to change without prior notice. The contents of this catalogue are accurate as of October 2021. Due to printing considerations, the actual colours may vary slightly from those shown. All graphics are provided merely for the purpose of illustrating a point.

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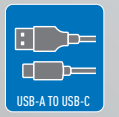
Panasonic
AIR CONDITIONING

Panasonic

Portable nanoe™X Generator
F-GTP01M

ENJOY CLEANER AIR AROUND YOU



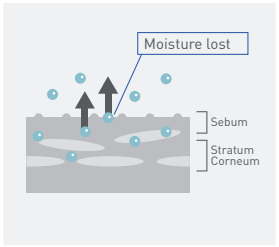
nanoe™X

Recognised by the National Asthma Council (NAC) Australia.
Live better with asthma and allergies.

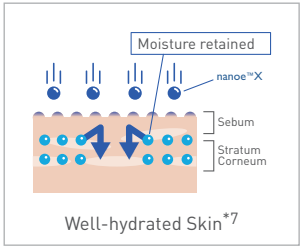
Hydrate Skin and Hair

nanoe™X attaches on sebum and forms membranes on skin and improves keratin texture. This helps restore moisture of the entire area which brings you well-hydrated skin and smoother hair.

Without nanoe™X



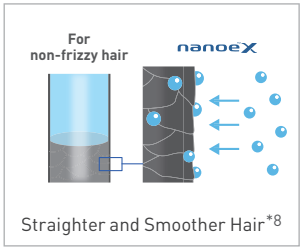
With nanoe™X



Well-hydrated Skin*7

Without nanoe™X

With nanoe™X



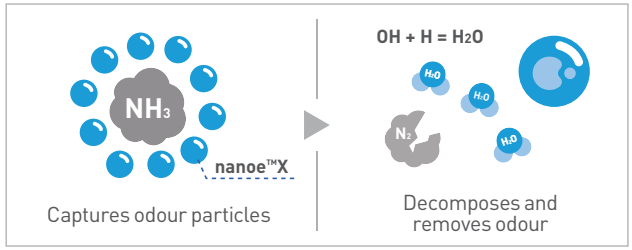
Straighter and Smoother Hair*8

*7 [Testing organisation] FCG Research Institute, Inc. [Testing method and test result] 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)

*8 [Testing organisation] Panasonic Product Analysis Center [Testing method and test result] Approximately 46m³ sized test room, room temperature 25 degrees Celsius, humidity 40%. Bundles [6 bundles] of hair were suspended 2m from a nanoe™ generating device, with repeated operation of the nanoe™ generating device: 8 hours on and 16 hours off. (USD-KS-15S-009-TM) [Method] nanoe™ released [Test substance] Hair Individual results may vary based on usage, and seasonal and environmental variables (temperature and humidity).

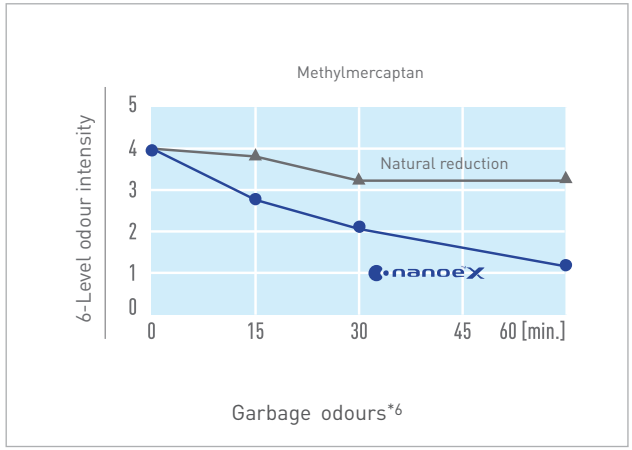
Deodorise Unwanted Smells

nanoe™X deodorises unwanted smells like garbage odours, bushfire smoke odours and body odours in a short time.



Captures odour particles

Decomposes and removes odour

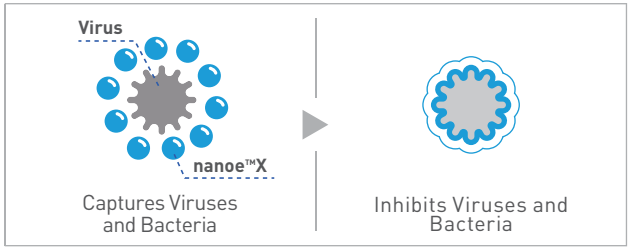


Garbage odours*6

*6 <Garbage odour - Methylmercaptan> [Test organization] Panasonic Product Analysis Center [Test method] Verified using the 6-level odour intensity scale method in an approximately 23m³ sized test room [Test method] nanoe™ released [Test substance] Surface-attached garbage odour [Test result] Odour intensity reduced by 1.2 levels in 30 min. (IV332-18220-K11)

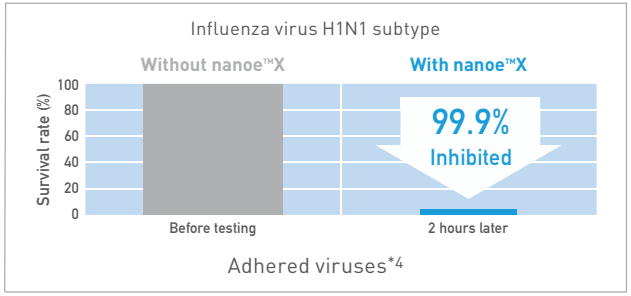
Inhibit Viruses and Bacteria

nanoe™X inhibits both airborne and adhered viruses and bacteria for an improved air quality and comfort.

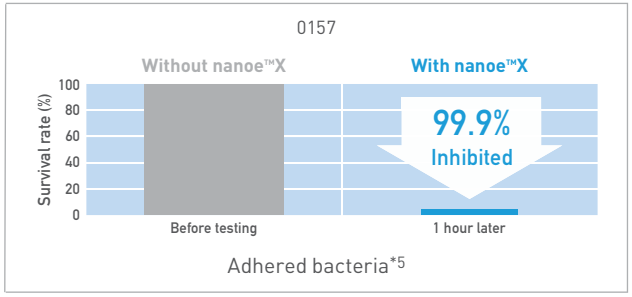


Captures Viruses and Bacteria

Inhibits Viruses and Bacteria



Adhered viruses*4



Adhered bacteria*5

*4 <Adhered virus (Influenza virus H1N1 subtype)> [Test organization] Kitasato Research Center for Environmental Science [Test method] Measured the number of virus adhered to a cloth in an approximately 1m³ sized airtight test room [Test method] nanoe™ released [Test substance] Adhered virus [Test result] Inhibited by at least 99.9% in 2 hours (21_0084_1)

*5 <Adhered bacteria (0157)> [Test organization] Japan Food Research Laboratories [Test method] Measured the number of bacteria adhered to a cloth in an approximately 45L sized airtight test room [Test method] nanoe™ released [Test substance] Adhered bacteria [Test result] Inhibited by at least 99.99% in 1 hour (208120880_001)