

NANOE™ X. QUALITY AIR FOR LIFE



1 Deodorises
nanoe™ X deodorises strong and unpleasant odours that cause uneasiness so you can enjoy a more pleasant living space for greater well-being.

2 Inhibits certain Bacteria & Viruses
nanoe™ X inhibits the growth of certain allergens, bacteria and viruses in your home, maintaining a cleaner home for your children.

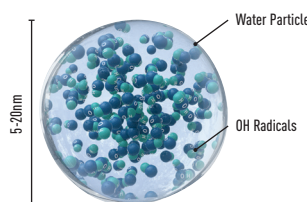
3 Moisturing Skin
Helps retain the moisture of the skin.

nanoe™ X deodorises and inhibits certain bacteria and viruses

nanoe™ X contains **10X times** ¹⁾ more OH radicals.

The newly developed nanoe™ X device produces 10x times more OH radicals (4800 billion) ¹⁾ than regular nanoe™ device. Greater amounts of OH radicals contained in nanoe™ X lead to outstanding effects in bacteria, viruses and allergens inhibition as well as deodorisation. A fresher and cleaner home awaits you.

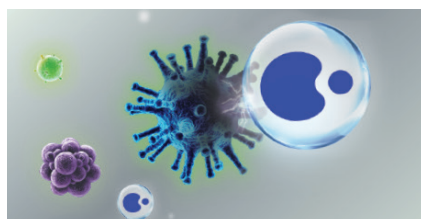
1) Based on Panasonic Survey.



**4800 BILLION
OH RADICALS /
PER SECOND**



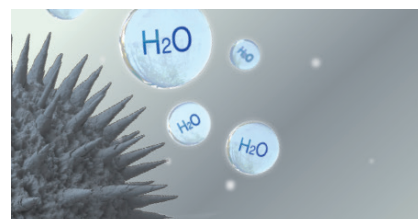
How nanoe™ X keeps air fresh and clean



nanoe™ X reaches bacteria.



OH radicals take away hydrogen from bacteria.



OH radicals transform hydrogen in bacteria to water and inhibit bacterial activity.

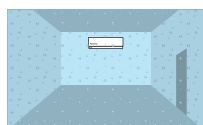
No matter where you are on planet earth, air is an essential part in your life. We're working to help every person enjoy better health and comfort by nanoe™ Xair purifier technologies.



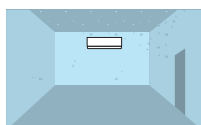
Characteristics of nanoe™ X Technology

1. Long Life. 6 times longer lifespan than general negative ion. nanoe™ X contains moisture around 1000 times more than general negative ion. Being contained in water particles, it has a longer lifespan and is able to spread for a long distance.

Comparison of distribution in the room



nanoe™ X.
nanoe™ X spreads to every corner.

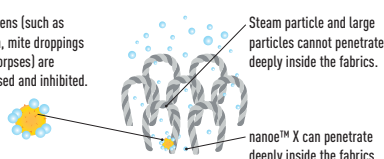


General negative ion.
Ions decay before spreading throughout the room.

2. Water-originated. nanoe™ X comes from condensed moisture in the air so that water replenishment for nanoe™ X generation is not required.

nanoe™ X is tiny enough to penetrate into clothes for inhibiting mould and deodorizing.

Allergens (such as pollen, mite droppings and corpses) are enclosed and inhibited.



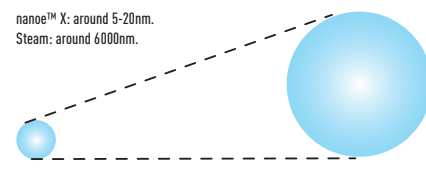
Steam particle and large particles cannot penetrate deeply inside the fabrics.

nanoe™ X can penetrate deeply inside the fabrics.

3. Microscopic Scale. With the size of one-billionth of a meter, nanoe™ X is much smaller than steam. It can deeply penetrate into cloth fabrics to deodorize.

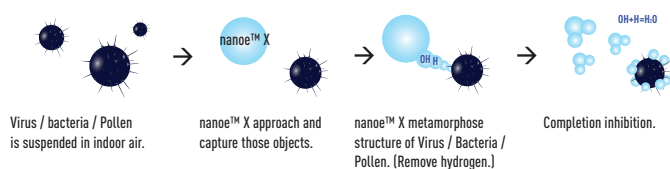
* 1nm (nanometer) = one billionth of meter.

nanoe™ X: around 5-20nm.
Steam: around 6000nm.



How does nanoe™ X technology help you?

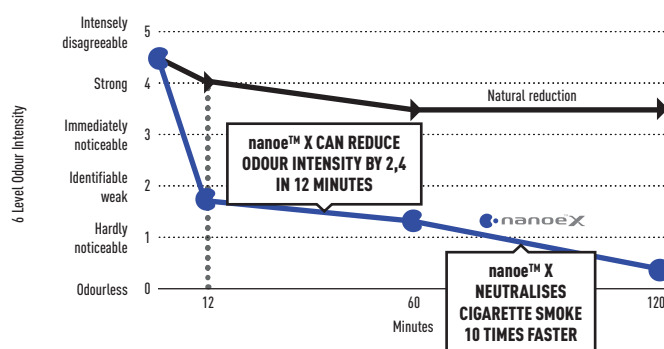
1. Virus / Bacteria / Pollen inhibition. Inhibits certain virus. Influenza virus 99.9% inhibited.



The effectiveness of nanoe™ X.

Tested contents		Result (deactivate)	Testing condition		Tested laboratory / company	Report doc No.
			Size	Time		
Airborne	Virus (Coliphage)	99%	10m ²	6h	Kitasato research center for Environmental science	KRCES 24_0300_1
	Bacteria (Staphylococcus aureus)	99%	10m ³	4h	Kitasato research center for Environmental science	KRCES 21_0142
Adhesive	Virus (Coliphage)	99%	10m ²	8h	Japan food research laboratories	13001265005-01
	Virus (Influenza)	99.9%	1m ³	2h	Kitasato research center for Environmental science	KRCES 21_0084_1
	Bacteria (Staphylococcus aureus)	99%	10m ²	8h	Japan food research laboratories	13044083003-01
	Tobacco odour	Deodorized in 2h	10m ²	2h	Panasonic analysis center	BAA33-130125-D01
	Cedar pollen	99%	45L	2h	Panasonic analysis center	E02-080303IN-03

2. Deodorization. Deodorization effect works with the smell adhered at objects like sofa and curtains. Reduce 90% Odour (tobacco smell) after 120 minutes.



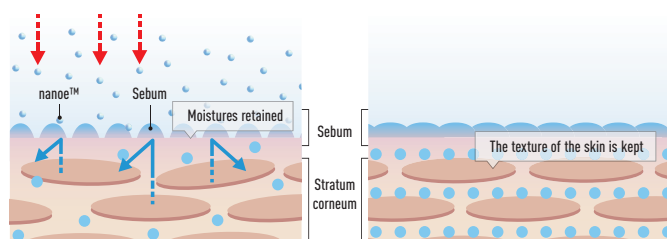
Deodorization effect for adhering odour (tobacco).

Odour is reduced by 2,4 in only 12 minutes, and almost disappear after 2 hours.

The deodorization effect will vary subject to the surrounding environment (temperature / humidity), operation time, types of smell and clothes.

• Test Laboratory: Panasonic Corporation Analysis Center. • Test Methodology: Verifying with 6-level odour intensity indication in 10m² test room. • Deodorization Method: nanoe™ X emit. • Test Subject: Adhering Tobacco Smell. • Test Result: 1,2 level of odour intensity is decreased after 120 minutes. • Report No.: 4AA33-160615-N04.

3. Moisturing Skin. Helps retain the moisture of the skin.



With nanoe™ X.
nanoe™ X hydrate the sebum on the skin to prevent the loss of moistures.

After 28 days
Skin is hydrated that nanoe™ X keeps the texture of the skin.

Test Laboratory: FCG Research Institute Inc. Report no. 19104.

Reliable technology chosen by the world.

The cutting edge technology of Panasonic's nanoe™ purifying technology has been chosen by Lexus to equip its vehicles for clean indoor air.

