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WORLD'S BEST NANO-PHOTOCATALYST FILTER

Filter Removing
Not Screening



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PRODUCT



| PRODUCT _CREBLU

구분 Item	내용 Description
타입 Type	벽걸이 타입 / 크래들거치형 겸용 Wall Mounting / Cradle Headrest
전원 Power Supply	12V
소비전력 Power Consumption	10W(max)
크기 Dimensions(mm)	300×200×35mm
무게 Weight	1.5kg
전용면적 Area Applicable	24 - 35㎡
필터구성 Filter Configuration	Free Filter / HEPA Filter Sterilization Filter



| PRODUCT _AIR-GREEN

구분 Item	내용 Description
타입 Type	차량용 / 거치형 For vehicles / Cradle
전원 Power Supply	12V
소비전력 Power Consumption	5W(max)
크기 Dimensions(mm)	179×128×56mm
무게 Weight	900g
전용면적 Area Applicable	14 - 21㎡
필터구성 Filter Configuration	HEPA Filter Sterilization Filter



| PRODUCT _AIR CURE3

구분 Item	내용 Description
전원 Power	마이크로 USB 어댑터 Micro USB adapter
Battery	충전식 리튬 3.7v / 1000mAh Rechargeable Li-Ion 3.7v / 1,000mAh
작동 시간 Hours of operation	2시간(계속적으로 사용하는 동안 배터리 감소) 2 hours(Reduced battery life during cumulative use)
충전 시간 Charging time	4시간 4 hours 마이크로 USB 어댑터
필터구성 Filter Configuration	나노 촉매 + UVA LED 모듈 Nano catalyst + UVA LED module
전용면적 Area Applicable	2㎡
크기 Dimensions(mm)	48×48×60mm



PRINCIPLES OF PRODUCT

INFORMATION

“

World's Best
NANO-photocatalyst
Filter Developed
with Innovation!

”



Still using air
purifiers with
screening filters?

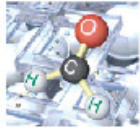
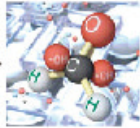
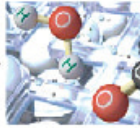
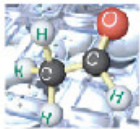
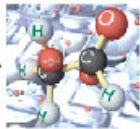
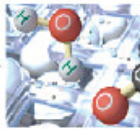
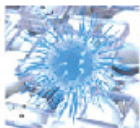
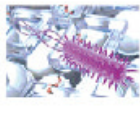
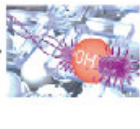
Bacteria! Viruses!
Foul Odor! VOC!
Perfectly Removed!

“

Filter Removing,
Not Screening

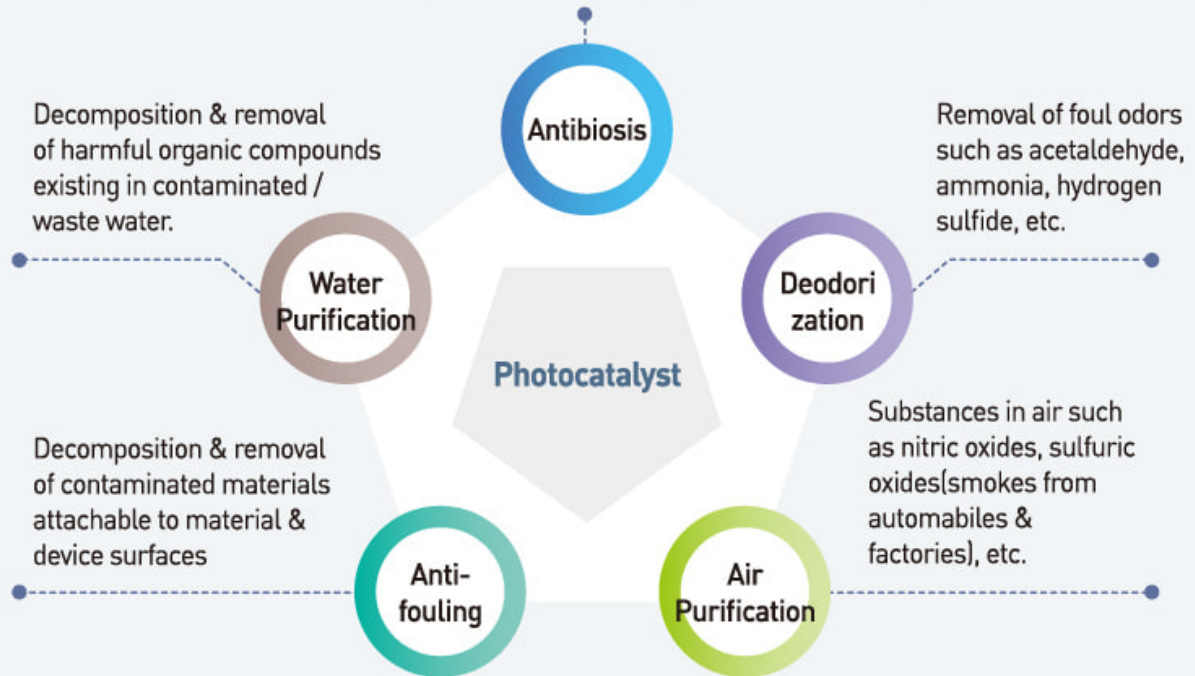
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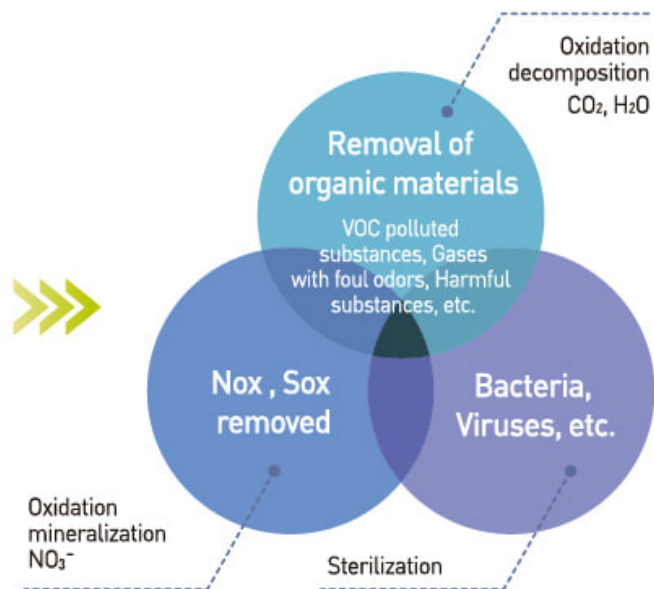
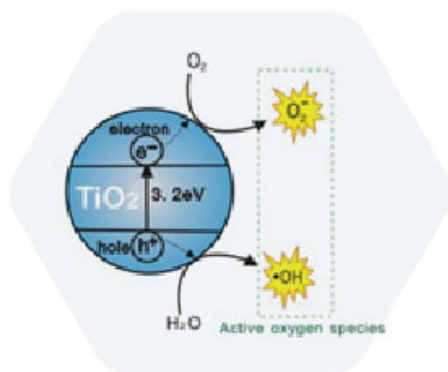
VOC decomposition	→		→		→		→	Decomposed to non-harmful substances
Malodorous substance decomposition	→		→		→		→	Decomposed to non-harmful substances
Bacteria sterilization	→		→		→		→	Sterilized
Viruses sterilization	→		→		→		→	Sterilized

PRINCIPLES OF PRODUCT

Sterilization of bacteria, molds & viruses, and prevention of decomposition



Photocatalyst Mechanism



Powerful Photocatalyst Oxidation

Oxidizer	OH Radical	Oxygen Atom	Ozone	Hydrogen Peroxide	Chlorine
Oxidizing Power(eV)	2.80	2.42	2.07	1.77	1.39

AIQ CERTIFIED

Technologies employed
in conventional air purifiers

<Photocatalyst Filter>
Excellence of multiple functions

	HEPA	ES Filter	Ozone	UV	Air-Ionizer	Photo catalyst
Fungi	++	+	++	++	+	+++
Germes	+++	+	++	++	+	++++
Viruses	+	+	+	+	+	++
House dust mites	+++	++	+	+	+	+
Toxics	+	+	++	++	+	+++
Odors	+	+	++	+	++	+++
Smoke	++	++	++	+	+++	++
VOC	+	+	++	++	+	+++
Allergens	++	++	++	+	+++	+++

Remarks

HEPA _High-Efficiency Particulate Air Filters

ES _Electrostatic

UV _Ultraviolet Light

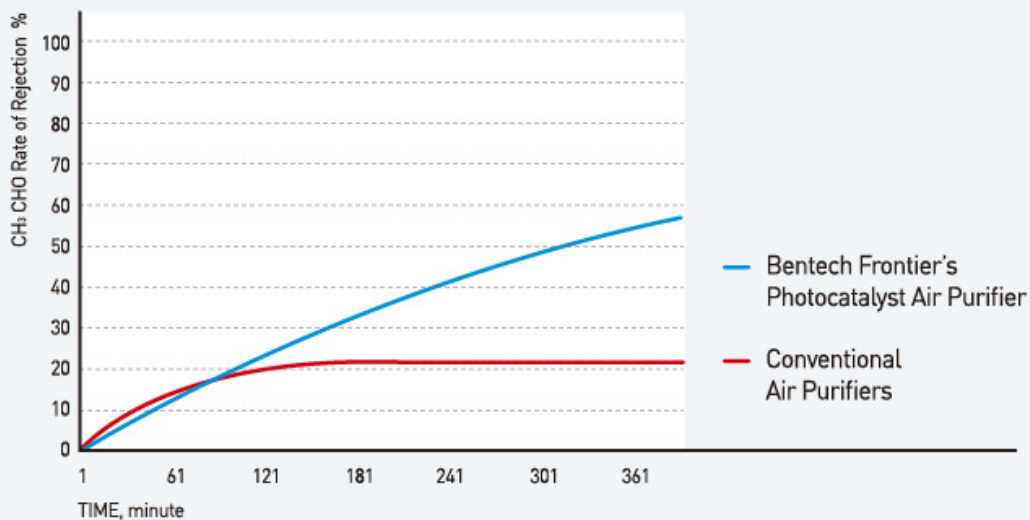
VOC _Volatile Organic Compounds

+ : normal

++ : good

+++ : very good

Comparison of Organic Substance Performance Evaluation

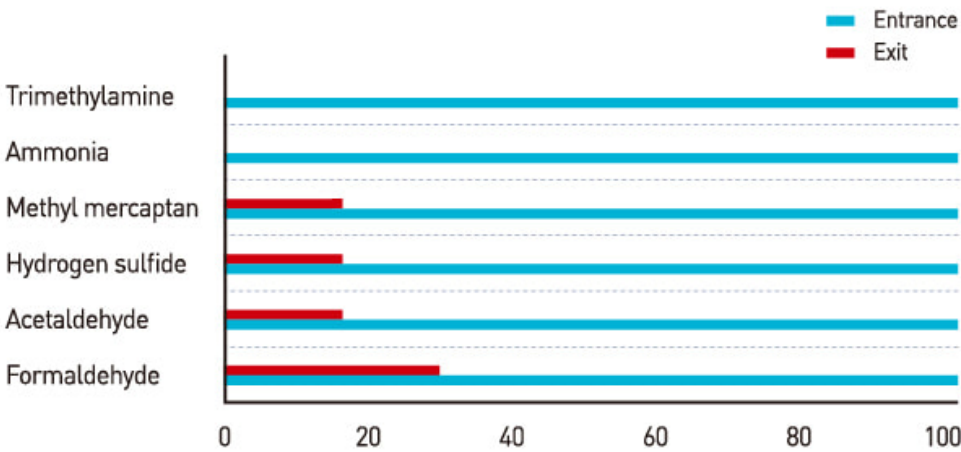


- Conventional air purifiers show good initial performance with purification made through filter adsorptions but such performance is not sustainable due to excessively saturated adsorption.
- Photocatalyst sterilizing purifier demonstrates the sustainable removing performance.

APPLICATION

Offensive Odor Treatment

Over 80% of malodorous substance removed with just one time filtering.



It completely removes hidden odors or germs
and can be used in various places such as public places and restaurants.



Office · School · Jawbox · Daycare center · Pleasant place · Hospital · Public place · Nursery room

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