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WORLD'S BEST NANO-PHOTOCATALYST FILTER

Filter Removing
Not Screening



광주광역시 광산구 진곡산단 2번로 39-11(오선동) 39-11, Jingoksandan 2beon-ro, Gwangsan-gu, Gwangju, Korea
T. +82-62-956-0876 F. +82-62-953-9604 E. nurio0876@daum.net / khs7664@hanmail.net

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

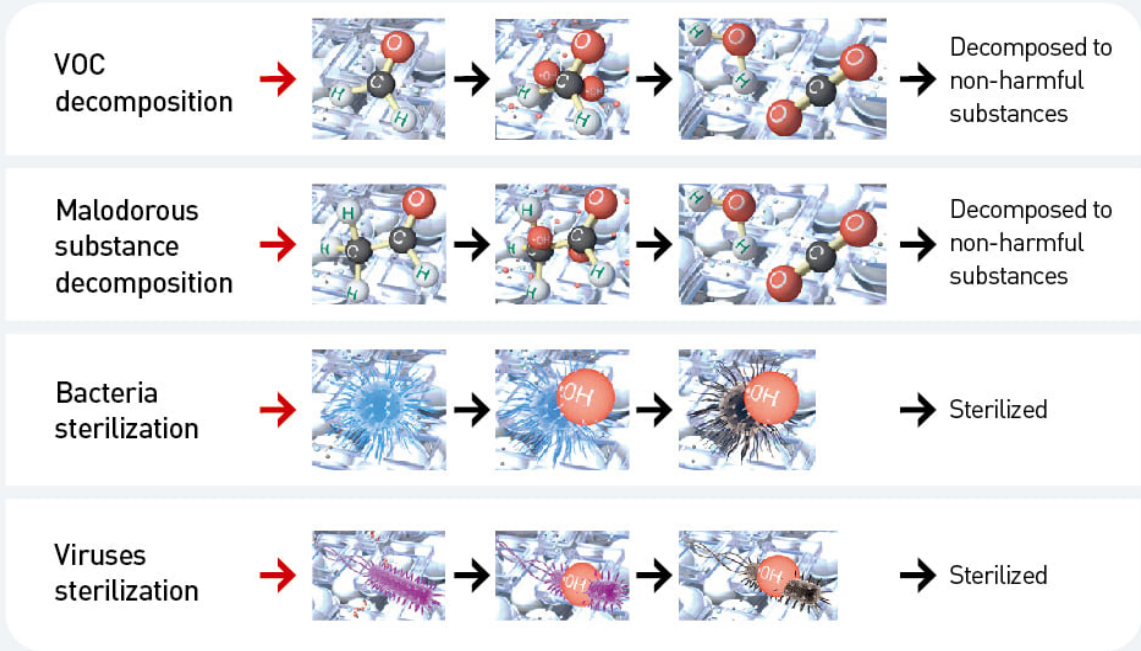
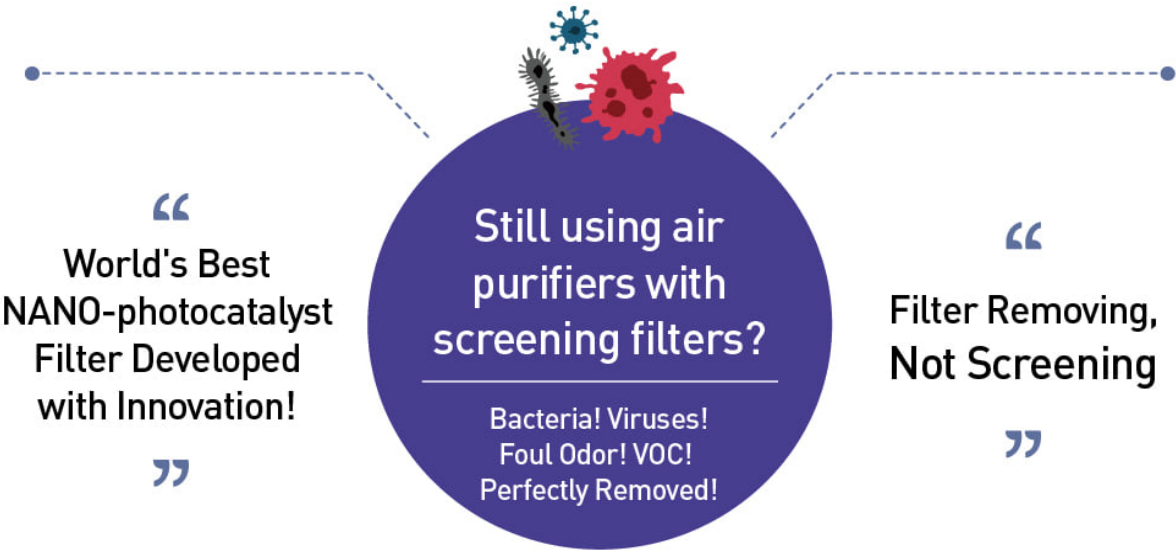
구분 Item	내용 Description
타입 Type	차량용 / 거치형 For vehicles / Cradle
전원 Power Supply	12V
소비전력 Power Consumption	5W(max)
크기 Dimensions(mm)	179×128×56mm
무게 Weight	900g
전용면적 Area Applicable	14 - 21㎡
필터구성 Filter Configuration	HEPA Filter Sterilization Filter



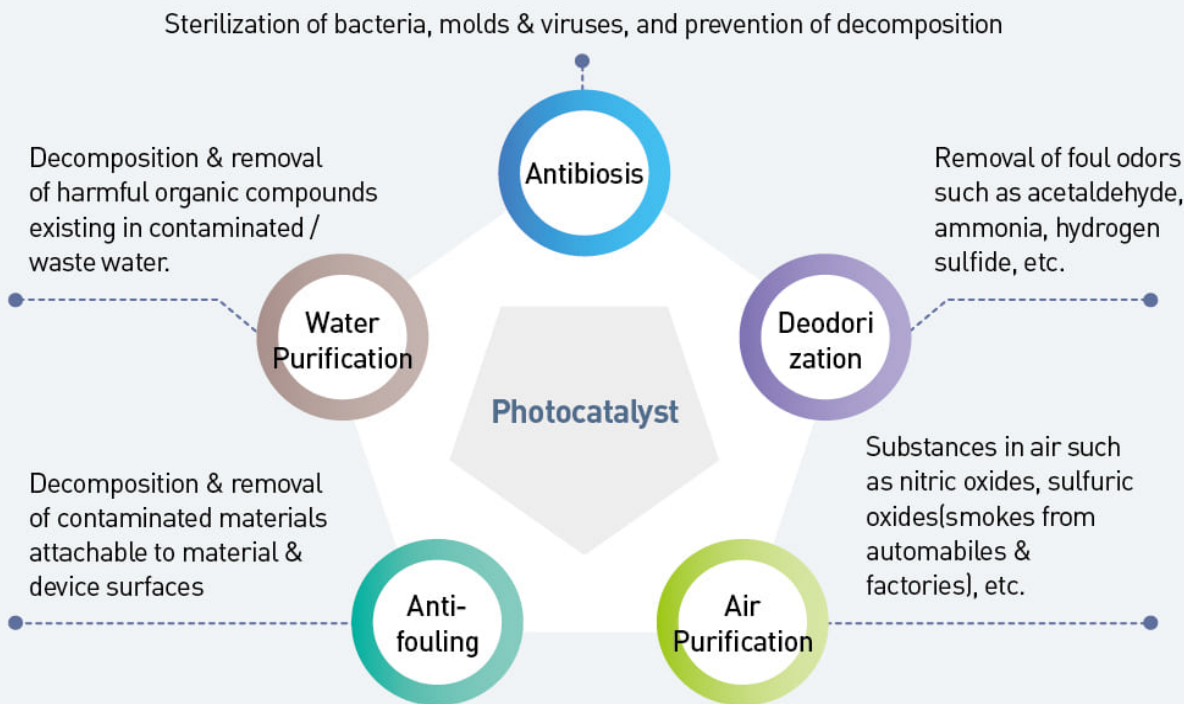
| PRODUCT _BLUE BREEZE

구분 Item	내용 Description
전원 Power	마이크로 USB 어댑터 Micro USB adapter
필터구성 Filter Configuration	나노 촉매 + UVA LED 모듈 Nano catalyst + UVA LED module
전용면적 Area Applicable	2㎡
크기 Dimensions(mm)	48×48×60mm

INFORMATION



PRINCIPLES OF PRODUCT



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

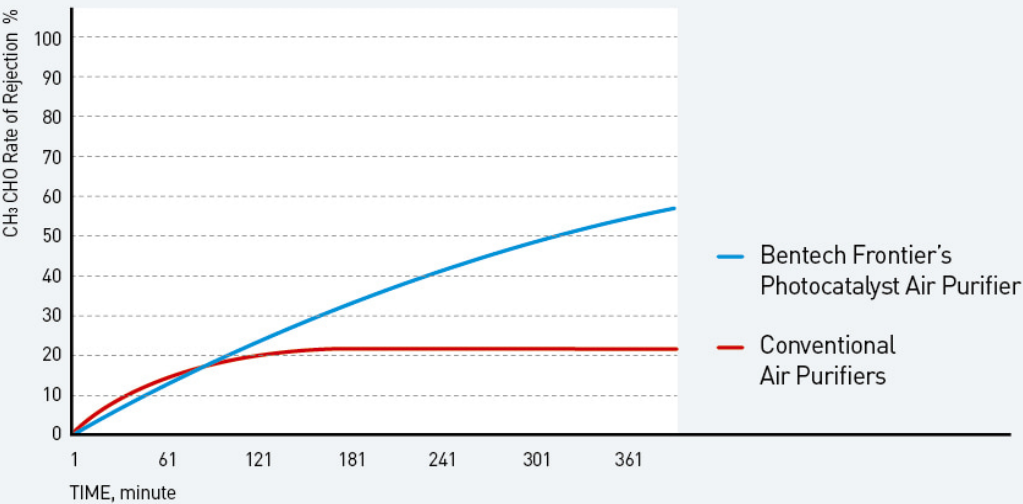
<Photocatalyst Filter>
Excellence of multiple functions

	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

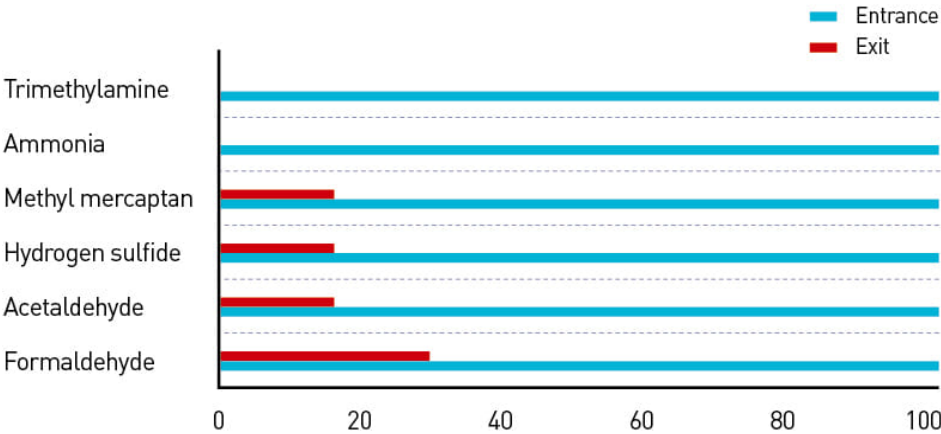


- Conventional air purifiers show good initial performance with purification made through filter adsorptions but such performance is not sustainable due to excessively saturated adsorption.
- Photocatalyst sterilizing purifier demonstrates the sustainable removing performance.

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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