

KEEPING YOU SAFE FROM VIRUS & BACTERIA



AIR PURIFIER 401

We spend more than 70% of our time indoors, There are countless health killers hidden in the indoor air: dust, bacteria, smoke, particulate impurities, dust mites, viruses, chemical gases, molds, odors, etc. Solving the indoor air pollution imminently will keep you and your family safe.



410mm



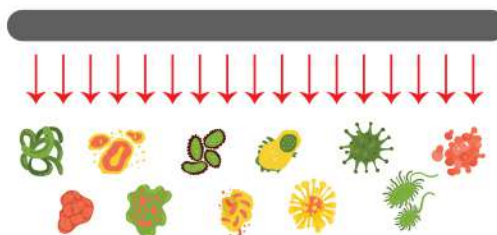
240mm

680mm

NANO

Photocatalyst Technology

- > Decomposition of bacteria rather than adsorption of bacteria. It purifies the air qualitatively rather than quantitatively
- > Outer layer of the ultraviolet lamp is covered with multi-layers titanium dioxide coating net, that can avoid ultraviolet ray leakage



Compound Filter

Pre-Filter + Puraward Antibacterial Filter + Activated Carbon + HEPA

- > **1st Layer:** Pre-Filter is filter that captures large particles from the air before they clog main filters.
- > **2nd Layer:** Puraward primary filters are antibacterial removable filter layer, can kill up to 99.98% of target viruses and bacteria.
- > **3rd Layer:** Consist of large amount micro carbon particles, effectively adsorb toluene, formaldehyde and odors and able to catalyze and decomposition of harmful substances.
- > **4th Layer:** Hepa filter effectively filter out tiny particles as well as eliminate all kinds of bacteria, viruses, and microorganisms. The removal rate of particle size at PM2.5 can reach as high as 99.9%.

Approved by:

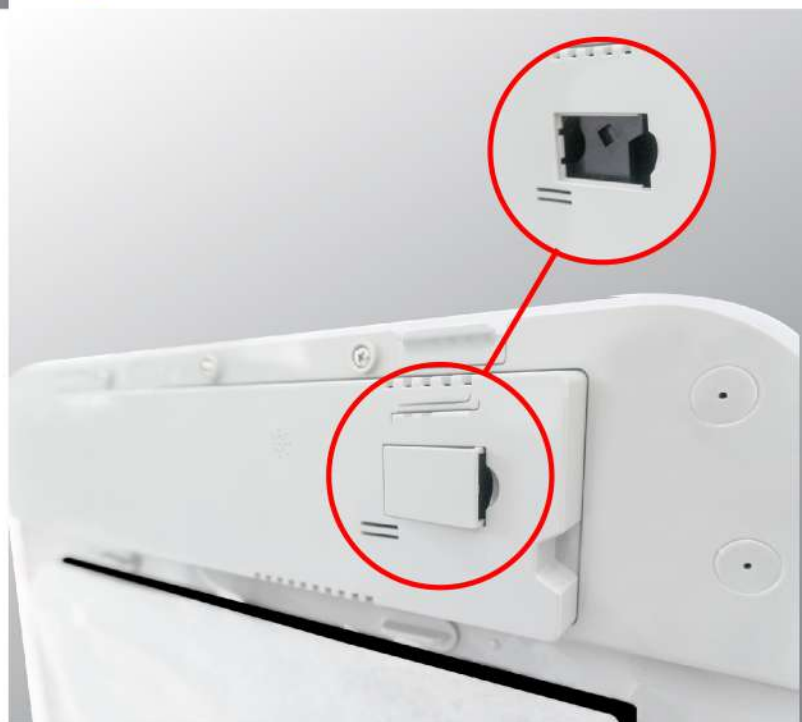


Particle

Sensor

- > Utilizes the light passes through a convex lens shining upon the dust particles in the internal space thereby comparing the size and quantity of these dust particles
- > Can detect dust particles above 1µm

** Available on selected model only



Negative ion

Vitamins in the Air

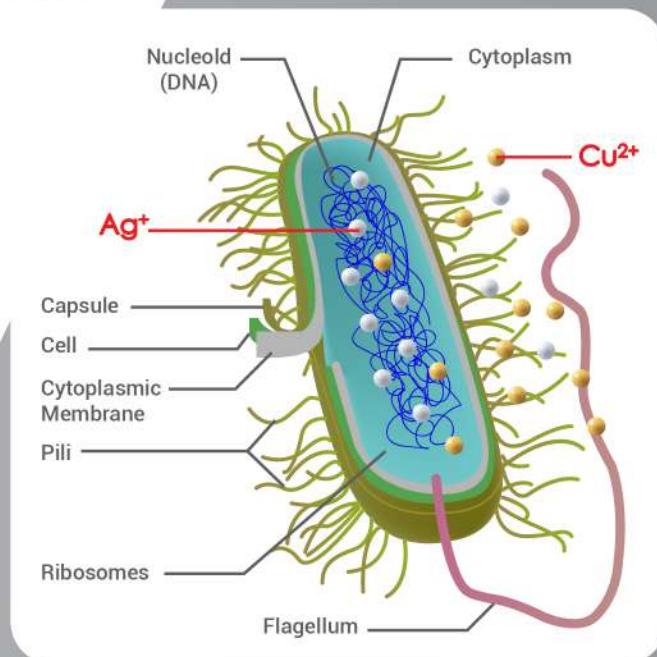
Known as "Vitamins in the Air", it uses negative ions that generated by itself to purify, remove dust, deodorize & sterilize the air, makes the air in the room fresh & natural.



Specification

Model	401
Service Area (m ²)	55
CADR (m ³ /h)	684
Mode of Control	Manual Remote
Power (W)	85±5 45±5 25±5 13±5
Air Flow (m ³ /h)	600 408 264 216
Noise dB (A)	60 53 48 34
PM2.5 Efficiency (30m ² /20mins)	99.9
Sterilization Rate (%)	99
Formaldehyde Removal Rate (%)	>90
Staphylococcus Aureus Removal Rate (30m ³ /2h (%))	99
Negative Ion (ion/cm ³)	3x10 ⁶
Weight (kg)	10
Dimension (WxHxD,mm)	410x680x240
Power Supply (V/Hz)	1Ph/220V/50Hz
Warranty	1 Year
PURAWARD TECHNOLOGY	
H1N1 Virus	99.91%
SARS Virus	99.58%
H7N9 Virus	99.98%

The product is constantly being updated, and the data is subject to change without notice.



Perfect Combination Antibacterial Mechanism - Silver + copper ion (Double-layer effect)

Copper ion and silver ion attack to destroy the protein structure, which leads to the loss of protein activity and inhibits the virus.

PURAWARD sterilized anti-viral fiber contains substances that can produce low PH value on the surface of the fiber. The low pH environment changes the three-dimensional structure of the viral protein shell, and the spatial structure of the protein is irreversibly denatured, so that the virus loses its ability to bind to the host cell receptor. To suppress the virus.



Puraward Antibacterial Technology :

The raw materials of PuraWard fiber are 100% taken from recycled plastic, using excellent fiber technology, non-toxic, no leakage, no outgassing, no transdermal. PuraWard fiber is made of unique silver ions and copper ions, which can provide natural, continuous, safe and effective bactericidal and anti-viral protection; it can be used to kill up to 99.98% of target viruses and bacteria:

Types of viruses (5 minutes contact time):



Influenza A
(H3N2)



Avian influenza
(H9N2, H5N1, H7N9)



Swine flu
(H1N1)



Equine flu
(H3N8)



Influenza B



Atypical pneumonia
(SARS)

Types of bacteria (1 hour contact time):



Methicillin-resistant
Staphylococcus aureus
MRSA)



Streptococcus
pyogenes



Haemophilus
Influenzae



S. aureus (S. aureus)
(99.95% / contact
for 1 hour)



E. coli (99.96% /
contact for 1 hour)



C. albicans (98.90% /
24 hours exposure)

Control Panel & Remote Control



Air Flow: High Medium Low



Child Lock



Filter Indicator: Indicate when filter lifespan reached factory preset time



Timer: 2H, 4H, 8H



Air Quality Indicator (Auto Mode: When AQ is bad, auto turn on high air flow mode)
Normal auto mode: 2H high air flow, 2H medium air flow, 2H low air flow, then repeat.



Sleep Mode: Ultra low noise, UV light shut off



Feature Highlights

- > Energy saving: save 30-40% of energy compare to normal motor
- > Lower noise level (compare to normal motor)

