

Focus on creating  
clean and fresh air



Low maintenance cost



No chemical  
release



Easy Installation



**Pure Air  
Pro X**

5in1 device for  
Air quality improvement

- + Continuous Air quality monitoring
- + photo catalyst titanium oxide
- + HEPA high filtration filter
- + photo ionization
- + UVC disinfection



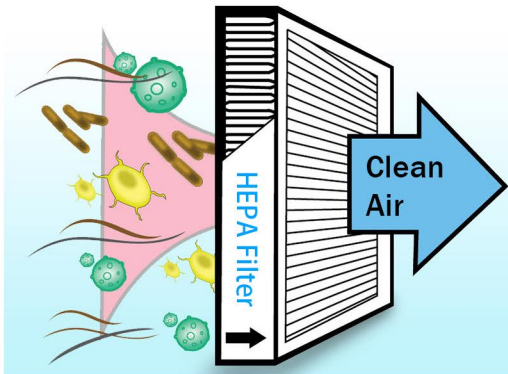


# Pure Air Pro X

## Help improving public air quality

Normally we breath 24000 times every day which Air quality is critical to our health. Maintaining good air quality could reduce the risk of Allergies, asthma and respiratory problems, for better living.

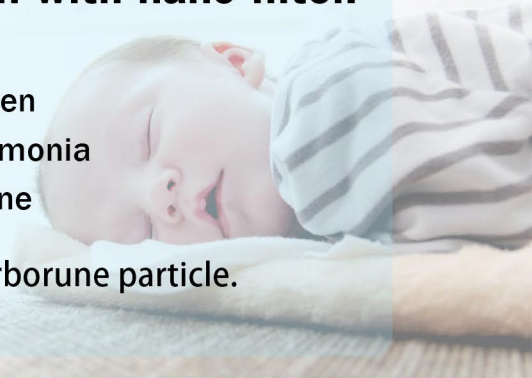
Pure Air Pro X efficiently remove particles, allergens, TVOC, Germs, Virus, as well as pollen, mold spores, etc. irritating susbtances.



### High effective filtration with nano filter.

- Remove dust
- Remove tiny pollen and allergen
- Remove Irritating gas, odor, amonia
- Remove Formaldehyde, Toluene

Filtration up to 99% 0.3  $\mu$  m airborune particle.



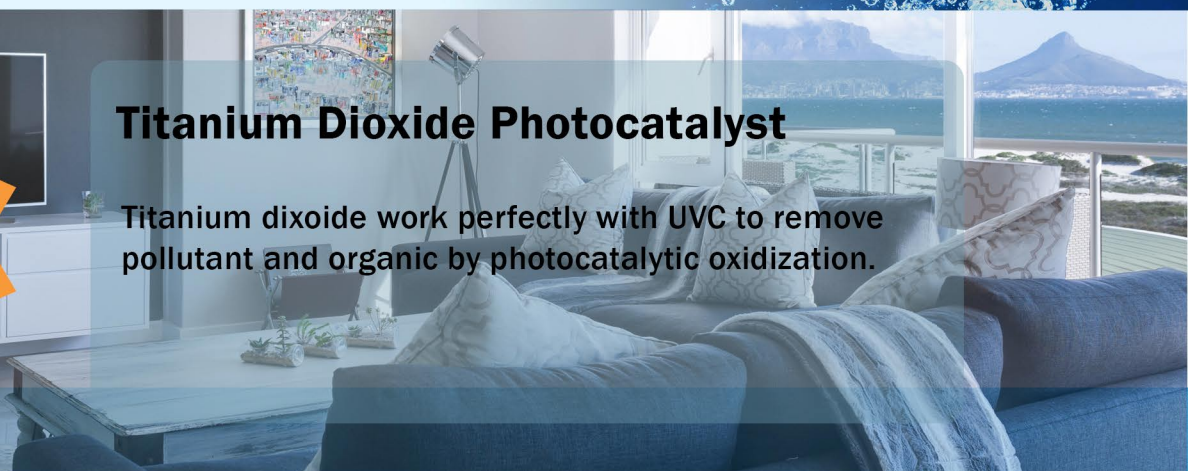
### Deep UVC and Photoplasma reaction

High energised light could react with photocatalyst to remove pollutant by photopcatalytic oxidization.



### Titanium Dioxide Photocatalyst

Titanium dioxide work perfectly with UVC to remove pollutant and organic by photocatalytic oxidization.





## Pure Air Pro X Air Quality Optimization Trilogy

### 1) HEPA Filter

HEPA filtration effectively removes airborne viruses, bacteria, spores, and mold which up to  $0.3 \mu\text{m}$ .

### 2) UVC & Photoplasma

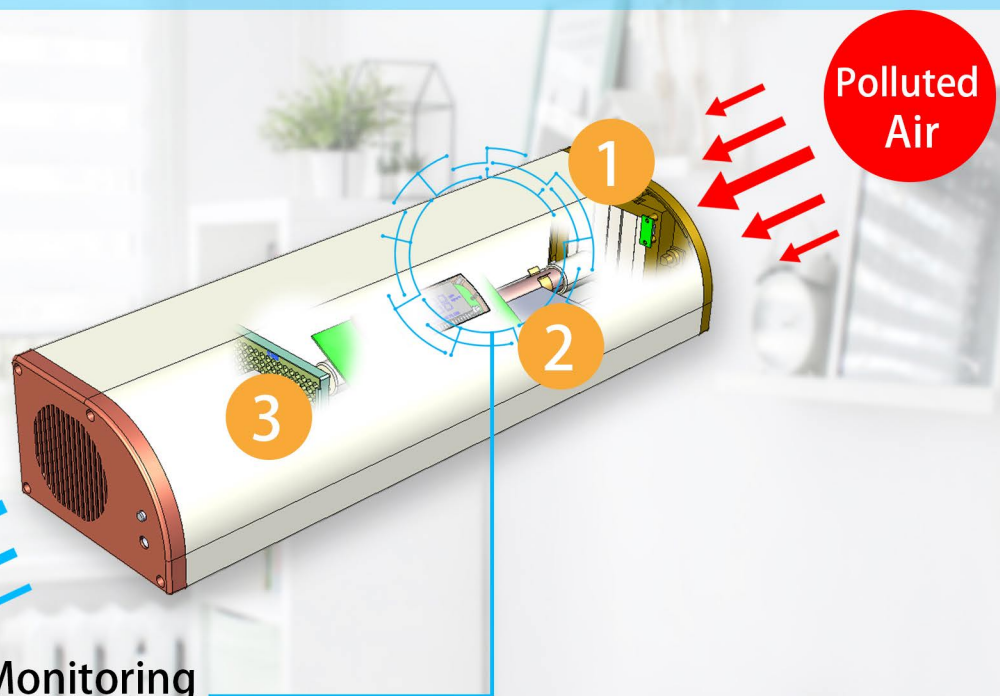
When UVC lights on the particle in the air lead to ionization, captured airborne pollutant and dissolve it into carbon dioxide and water molecule harmless particle, in the chemical process which oxidized bacteria and virus and achieve disinfection.

### 3) TiO<sub>2</sub> & Titanium dioxide

Titanium dioxide is energised by UVC light, electrons are released from its surface. The electron react with the water particle in air and turn into hydroxide ions. These small agile ions then attack organic molecules and burn it by oxidation.

### A+ Fresh Air

- X airborne virus and bacteria
- X tiny pollen and allergen
- X Irritating gas, odor



**Polluted Air**

**A+**  
Fresh Air

### IAQ Monitoring

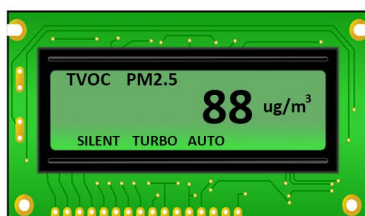
Professional sensors keep monitoring the air quality, showing both reading PM<sub>2.5</sub> and TVOC in turn, It provide real time data for selecting appropriate purifying mode and air speed.

### TVOC (Total Volatile Organic Compounds)

TVOC are a group of thousands of organic chemicals that evaporate at low temperatures, they are toxic, irritating and quite harmful to your health.

**PM<sub>2.5</sub>** It is shown from some studies that airborne particle cause damage to lungs, leads to respiratory problems. PM<sub>2.5</sub> filter could filtrate particles which is weight  $0.3 \mu\text{m}$ , equal to a medical mask continuously blocking the pollutant.

Pure air pro X carries IAQ sensors that effectively adjust the air flow in order to maintain both TVOC and PM<sub>2.5</sub> figure as low as possible to good air quality.



### Pure Air Pro X Working Mode:

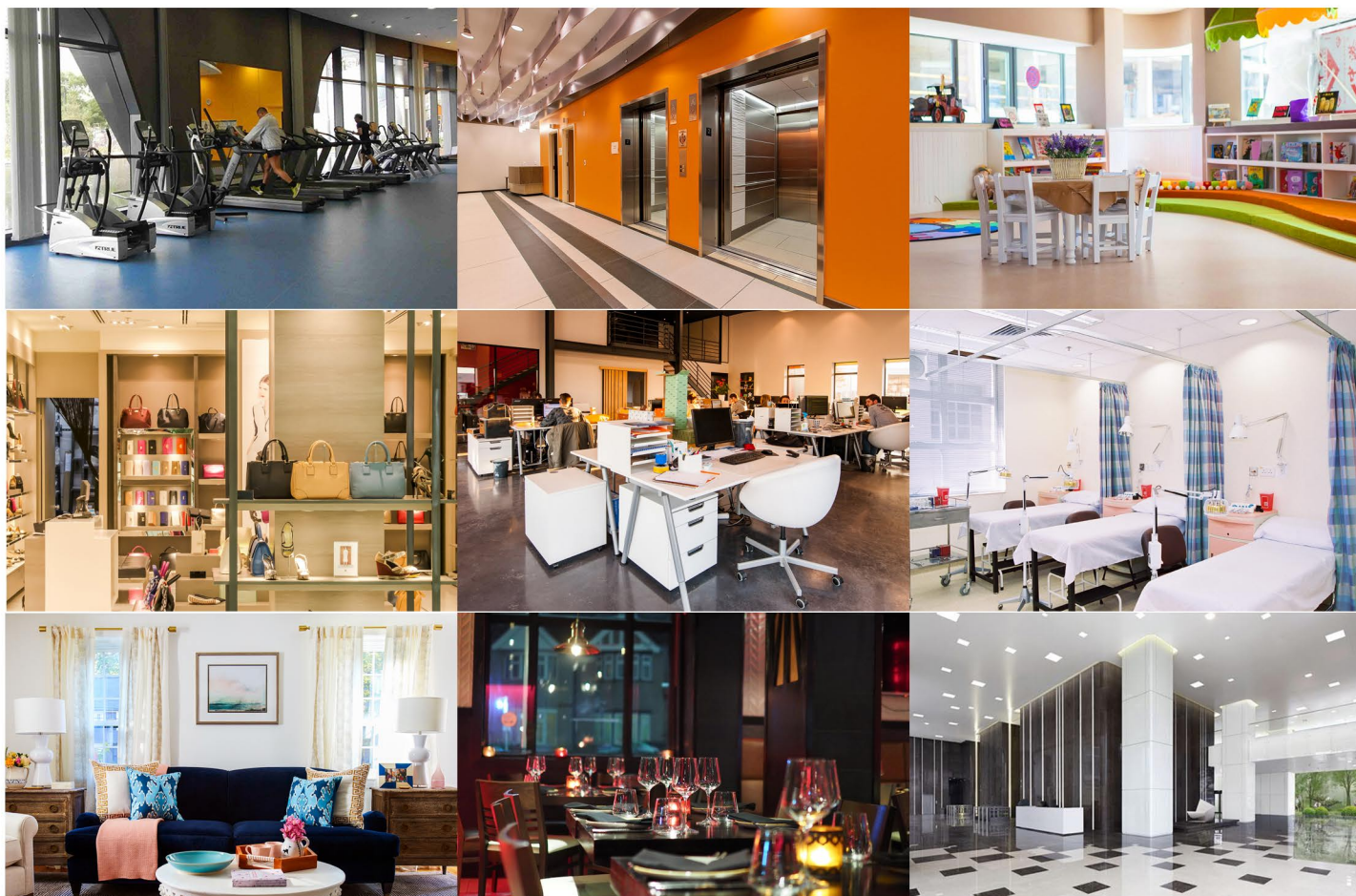
**Silent Mode** : Runs in low power consumption, quietly purifying indoor air.

**Turbo Mode** : Turbo mode maximise the air flow for purifying.

**Auto Mode** : Auto mode auto adjusted the power based on the sensor reading.



**Pure Air Pro X Applications :** Residential / Stair case/ Lift lobby / Typical floor  
Lobby / Office area/ Retails / School / Medicals  
Gymnastic room / Beauty saloon



## AIRWIN - Pure Air Pro X Specifications

Brand	AIRWIN
Model	Pure Air Pro X
Dimensions	420(L) x 120(W) x 80(D)mm
Weight	2.2 kg
Power consumption	25W
UVC tube power consumption	18W
UVC waveLength	253.7nm
Filter	HEPA PM2.5
Voltage	110 / 220V
Technology	UVC + TiO <sub>2</sub>
Scope of application	800 Sq.ft
Composition/ Color	Aluminium alloy/ Black Iron
UVC tube lifespan	9000 hrs

