



ics cool energy

A large, stylized graphic in shades of blue. It consists of several interconnected, rounded shapes that resemble a molecular structure or a cluster of cells. The central part of the graphic is white, where the text 'AirX Pro' is placed.

# AirX Pro

AIR PURITY

99% PURE AIR

Medical Grade Ultra Slim Air Purifiers



**0800 840 4210**

# Ultra Slim – Medical Grade Air Purifiers



Wall Mountable or Floor Standing



The sound of nature

10dB



The sound of breathing

15dB



Quiet Library

Sleep Mode



Ticking Clock

50dB



Normal Speech

60dB

# Whisper Quiet Operation



**35** dB  
Sleep Mode





## 4 Different Methods to Control

Infrared Remote Control, Touch Panel Control, WiFi Application Control, Speech - Alexa & Google

Infrared Remote Control



Touch Panel Control



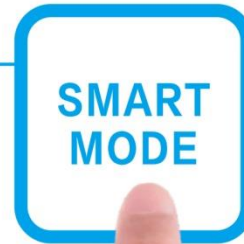
WiFi Application Control



Multiple Systems can be Controlled Remotely from one WiFi APP – very easy for Building Management

# Smart Mode

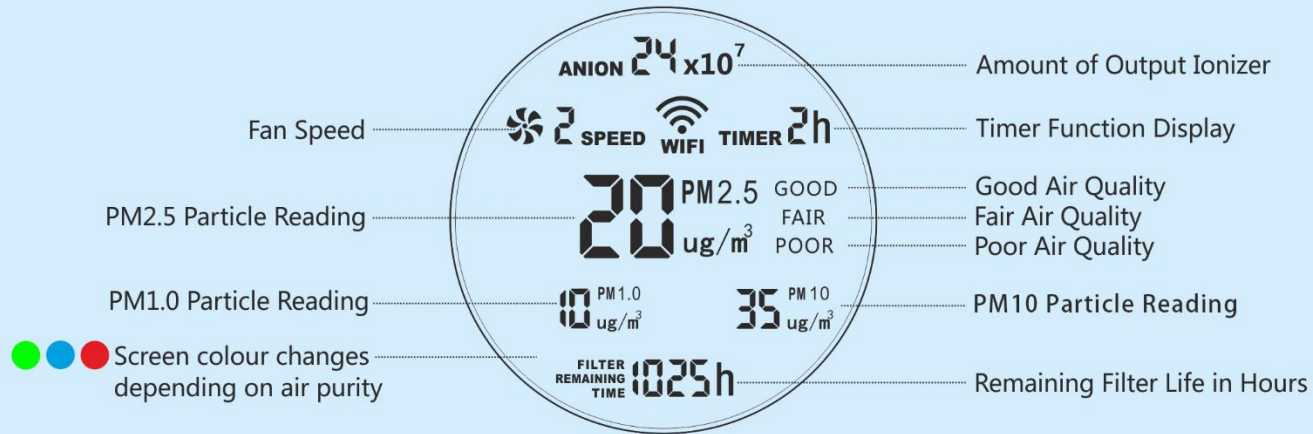
The air is analysed by the sensors and monitored automatically.  
The unit will determine the optimal settings to restore the air purity.  
This will adjust the fan speed automatically.



One button operation  
Enjoy the comfort of simplicity

# LCD Display Screen

The display changes colour depending on the air quality, showing green, blue and red.



ug/M<sup>3</sup> - Micrograms per cubic metre



Display: Green  
 $PM_{2.5} < 75 \mu g/m^3$   
 Excellent Air Quality



Display: Blue  
 $75 \leq PM_{2.5} < 150 \mu g/m^3$   
 Air is Lightly Polluted



Display: Red  
 $PM_{2.5} \geq 150 \mu g/m^3$   
 Heavily Polluted Air



# More Functions and Features...



## Patented multi fan technology

Using multiple fan blades creates a larger area air intake and also greater air output. This means they are over five times more efficient compared to a single fan purifier.



## Dust sensor

The introduction of a high precision Japanese laser dust sensor.



## Sleep mode

Low noise operation, whilst still purifying will create a comfortable sleeping environment.



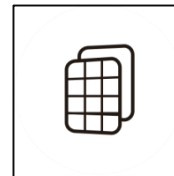
## Timer Function

Customise a convenient timer to your needs.



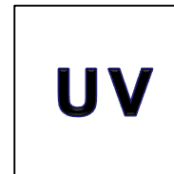
## Air quality testing module

High-Efficiency CO2 sensors, PM2.5 sensors, temperature and humidity sensors (optional) and indoor pollution detection.



## Filter replacement timer

Intelligent detection of filter life, when the filter needs to be replaced the unit automatically remind you to change the filters. The filters have an average lifespan of 1500hrs.



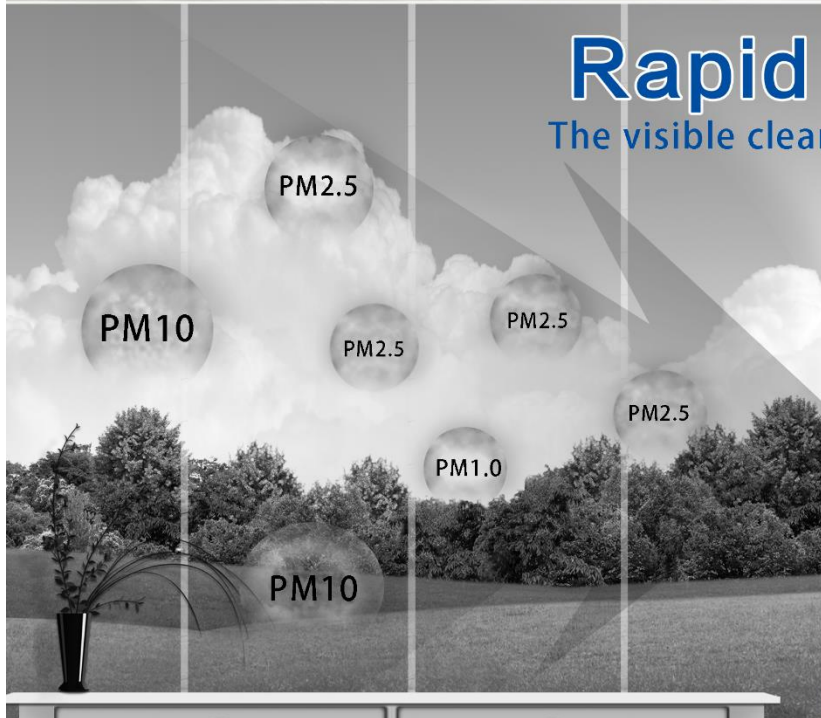
## Ultra violet lamps

All systems are fitted with UV lamps, 2 in smaller systems and 4 in larger systems. UV further destroys bacteria for cleaner air.

High efficiency clean air - to help your family's health

# Rapid purification

The visible cleanliness and the refreshing smell





# Ultra thin modern air purifier

## Bringing you a smart and effective form of purification

**Identifiable Display**  
Easy to understand

PM2.5/Negative ion display

**Purify the air indoors**  
Designed for Offices and Homes

Suitable for indoor usage

**Effective Purification**  
6 Layer filtration

Efficient and fast  
cleansing

**Designed to Last**  
Professional and reliable

Long lasting fresh air output



## ○ Ultra Thin Design

Ultra thin design with a thickness of only 12cm



# Touch Panel



Power button



Sleep mode  
Low fan speed  
Medium fan speed  
High fan speed



Prevents changing of settings/  
control whilst active.



Remaining life of filter  
in hours.



Intelligent detection of air quality  
will determine the fan speed.



Set up timer function to  
work independently



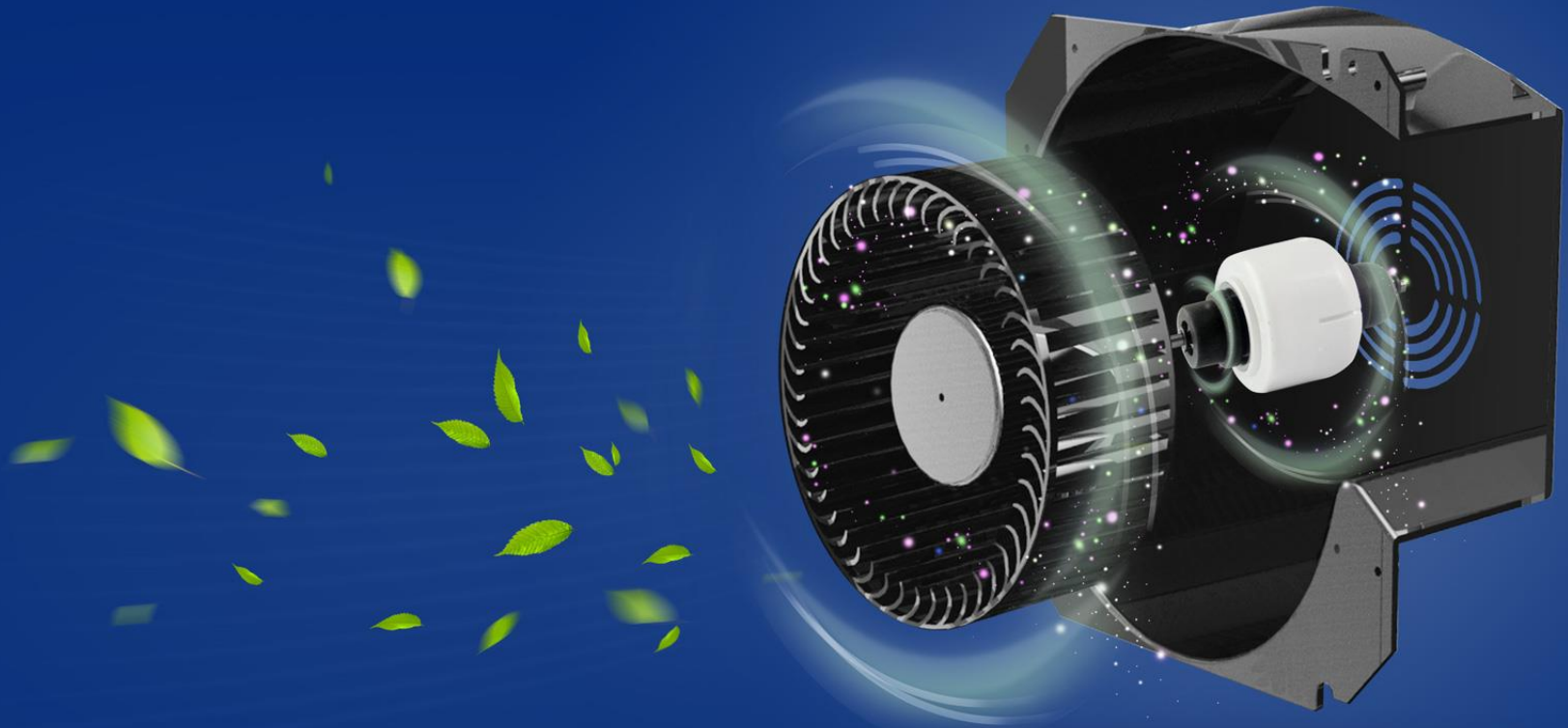
## ● How do they work?

Polluted air is drawn through the rear and filtered through the unit. Fresh clean air is then blown out the sides.



# ○ Upgraded Brushless Motors

12V/8W Brushless DC Motor

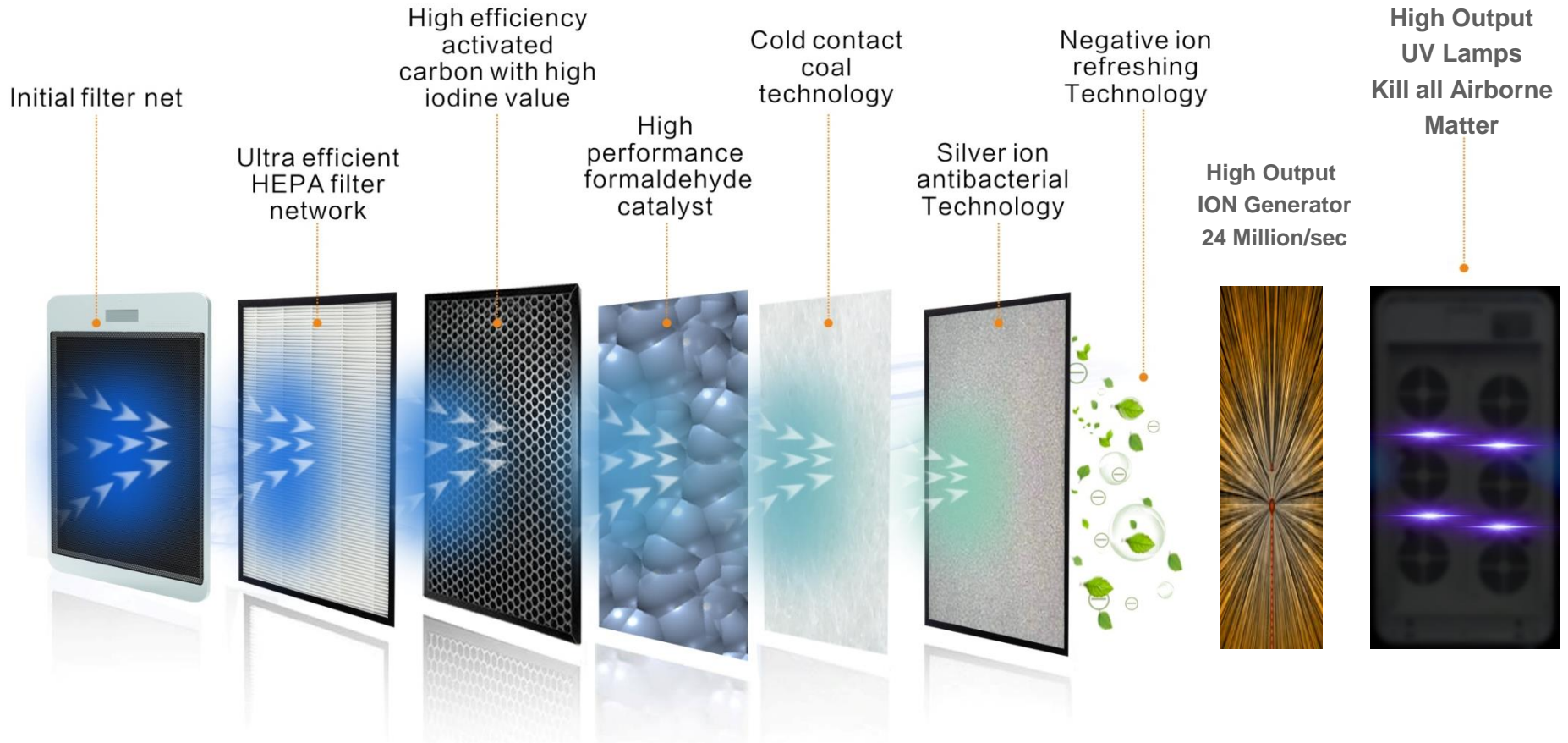


Why are more fans better than 1?

Low Energy Consumption, High Efficiency,  
Very Quiet Operation, Large Air Volume, Longer Life.

# 8 Stage Filtration and Purification System

Efficient removal of PM2.5, Formaldehyde, Viruses, Bacteria etc.



\*The transmission of COVID-19 may occur in a variety of ways and circumstances, many of the aspects of which are currently not known. HVAC systems, products, services and other offerings have not been tested for their effectiveness in reducing the spread of COVID-19, including through the air in closed environments.

Main parameter	Solid pollutant CADR	380 (m3/h)
	Gaseous pollutants CADR	95 (m3/h)
	Solid pollutant CCM	More than 12000 P4
	Gaseous pollutants CCM	More than 1500 F4
	Purification energy efficiency of solid pollutants	High efficiency grade of 10.5 m3/h. W
	Purification energy efficiency of gaseous pollutants	High efficiency, 3.33 m3/h. W
	PM2.5 removal rate -1h	99.87%
	Bacterial removal rate (Staphylococcus alba) -2h	99.66%
	Removal of formaldehyde -1h	93.30%
	Ozone concentration	nothing
	Anion	high concentration
	High grade speed	1120±20rpm
	Sleep power	4W
	Sleep noise	Less than 35dB
	Sleep gear speed	600±20rpm
	Remote control distance	More than 6 meters
	Air outlet / outlet	Four fan
	Air inlet / inlet	Large area of metal mesh
	Special filter screen	Four in one
	Negative ion concentration	Greater than 24 million per second
Good air element addition	High concentration negative ion	
Filter network mode	Six heavy composite filter net	
Bacteria removal (length / strength / number / life)	Silver ion plus cold catalyst	
Easy to operate	Dust cover	Dustproof
	Handle	Hidden hand
	Dust sensor	High precision of laser in Japan
	Air mass display (PM2.5/ carbon dioxide)	Digital LCD display
	Filter replacement reminding	LCD digital countdown prompt
	Automatic mode	Intelligent real-time monitoring
	quiet mode	Yes
	Children's lock	Yes
	Product timing	1-12 hours of arbitrary choice
	Installation method	Wall hanging
	remote control	Manual remote control infrared remote control
	APP control	APP intelligent control
Basic indicators	colour	Surface full treatment of silver gold
	Applicable area	(0.07-0.12) * particulate matter CADR
	Input power (W)	40W
	Uv lamp	Optional 2W, wavelength 253.7mm
	Motor specification	12V/8W DC brushless motor
	Rise power level noise (dB)	The highest 55dB, the lowest 35dB
	Dust sensor specification	Laser, CP-15-A4-CG
	plug size	National standard three foot plug
	Power line specification	Black /H05VVH2-F
	Standby power (W)	Less than 1W
	Net product weight (Kg)	8.5
	HEPA filter network specification	500x364x20mm
	Silver ion filter network specification	500x364x15mm
	Specification of activated carbon filter net	500x364x15mm
	Type of filter net	HEPA filter net + activated carbon filter + silver ion
Operation key	Remote control control	
Application scope	Working temperature of product	0 C -40 C
	Product storage temperature	-10 C -50 C
	Work altitude of the product	< 3000m
	Humidity of the product	10%-90%RH (no condensation)
	Storage humidity of products	10%-90%RH (no condensation)



**AXP-400**  
**720\*430\*127mm**  
**Area Covered 65M<sup>2</sup>**

Main parameter	Solid pollutant CADR	720 (m3/h)
	Gaseous pollutants CADR	180 (m3/h)
	Solid pollutant CCM	More than 12000 P4
	Gaseous pollutants CCM	More than 1500 F4
	Purification energy efficiency of solid pollutants	High efficiency grade of 10 .2 m3/h. W
	Purification energy efficiency of gaseous pollutants	High efficiency, 3.2 m3/h. W
	PM2.5 removal rate -1h	99.87%
	Bacterial removal rate (Staphylococcus alba) -2h	99.66%
	Removal of formaldehyde -1h	93.30%
	Ozone concentration	nothing
	Anion	high concentration
	High grade speed	1120±20rpm
	Sleep power	8W
	Sleep noise	Less than 35dB
	Sleep gear speed	600±20rpm
	Remote control distance	More than 6 meters
	Air outlet / outlet	Eight fan
	Air inlet / inlet	Large area of metal mesh
	Special filter screen	Four in one
	Negative ion concentration	Greater than 24 million per second
Good air element addition	High concentration negative ion	
Filter network mode	Six heavy composite filter net	
Bacteria removal (length / strength / number / life)	Silver ion plus cold catalyst	
Easy to operate	Dust cover	Dustproof
	Handle	Hidden hand
	Dust sensor	High precision of laser in Japan
	Air mass display (PM2.5/ carbon dioxide)	Digital LCD display
	Filter replacement reminding	LCD digital countdown prompt
	Automatic mode	Intelligent real-time monitoring
	quiet mode	Yes
	Children's lock	Yes
	Product timing	1-12 hours of arbitrary choice
	Installation method	Wall hanging
	remote control	Manual remote control infrared remote control
APP control	APP intelligent control	
Basic indicators	colour	Surface full treatment of silver gold
	Applicable area	(0.07~0.12) * particulate matter CADR
	Input power (W)	75W
	Uv lamp	Optional 2W, wavelength 253.7mm
	Motor specification	12V/8W DC brushless motor
	Rise power level noise (dB)	The highest 60dB, the lowest 35dB
	Dust sensor specification	Laser, CP-15-A4-CG
	plug size	National standard three foot plug
	Power line specification	Black /H05VVH2-F
	Standby power (W)	Less than 1W
	Net product weight (Kg)	13.5
	HEPA filter network specification	900x364x20mm
	Silver ion filter network specification	900x364x15mm
	Specification of activated carbon filter net	900x364x15mm
Type of filter net	HEPA filter net + activated carbon filter + silver ion	
Operation key	Remote control control	
Application scope	Working temperature of product	0 C -40 C
	Product storage temperature	-10 C -50 C
	Work altitude of the product	< 3000m
	Humidity of the product	10%-90%RH (no condensation)
	Storage humidity of products	10%-90%RH (no condensation)



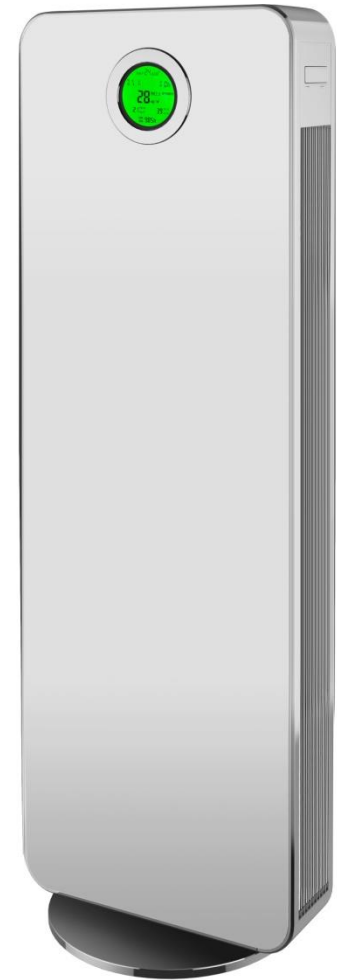
AXP-800

1021\*430\*127mm

Area Covered 130M<sup>2</sup>

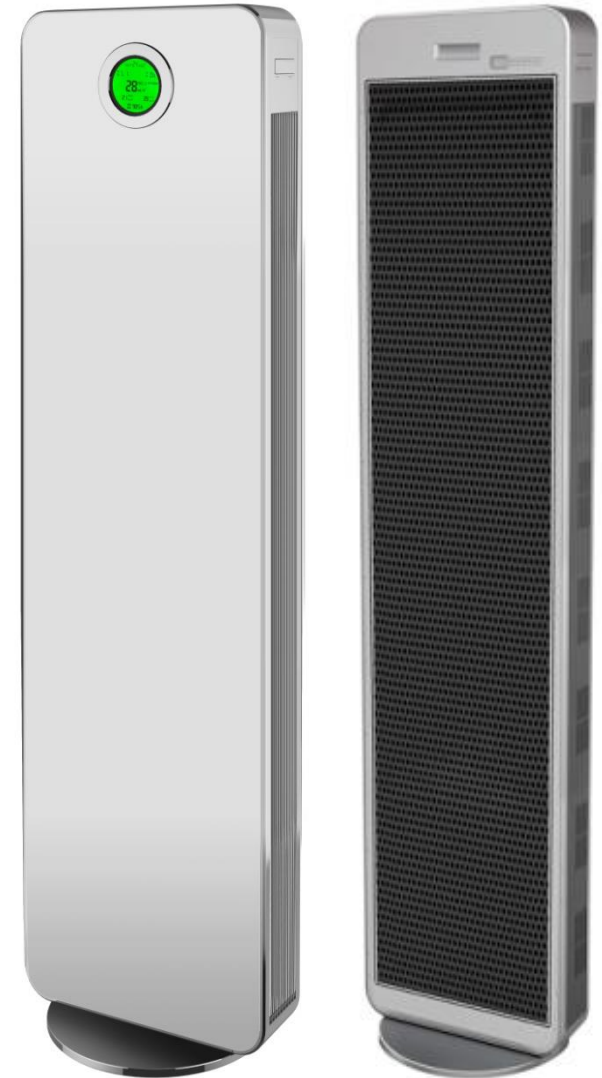


Main parameter	Solid pollutant CADR	1100 (m3/h)
	Gaseous pollutants CADR	275 (m3/h)
	Solid pollutant CCM	More than 12000 P4
	Gaseous pollutants CCM	More than 1500 F4
	Purification energy efficiency of solid pollutants	High efficiency grade of 10.2 m3/h. W
	Purification energy efficiency of gaseous pollutants	High efficiency, 3.2 m3/h. W
	PM2.5 removal rate -1h	99.87%
	Bacterial removal rate (Staphylococcus alba) -2h	99.66%
	Removal of formaldehyde -1h	93.30%
	Ozone concentration	nothing
	Anion	high concentration
	High grade speed	1120±20rpm
	Sleep power	12W
	Sleep noise	Less than 35dB
	Sleep gear speed	600±20rpm
	Remote control distance	More than 6 meters
	Air outlet / outlet	Twelve fan
	Air inlet / inlet	Large area of metal mesh
	Special filter screen	Four in one
	Negative ion concentration	Greater than 24 million per second
Good air element addition	High concentration negative ion	
Filter network mode	Six heavy composite filter net	
Bacteria removal (length / strength / number / life)	Silver ion plus cold catalyst	
Easy to operate	Dust cover	Dustproof
	Handle	Hidden hand
	Dust sensor	High precision of laser in Japan
	Air mass display (PM2.5/ carbon dioxide)	Digital LCD display
	Filter replacement reminding	LCD digital countdown prompt
	Automatic mode	Intelligent real-time monitoring
	quiet mode	Yes
	Children's lock	Yes
	Product timing	1-12 hours of arbitrary choice
	Installation method	Wall hanging
Basic indicators	remote control	Manual remote control infrared remote control
	APP control	APP intelligent control
	colour	Surface full treatment of silver gold
	Applicable area	(0.07-0.12) * particulate matter CADR
	Input power (W)	110W
	Uv lamp	Optional 2W, wavelength 253.7mm
	Motor specification	12V/8W DC brushless motor
	Rise power level noise (dB)	The highest 63dB, the lowest 35dB
	Dust sensor specification	Laser, CP-15-A4-CG
	plug size	National standard three foot plug
	Power line specification	Black /H05VVH2-F
	Standby power (W)	Less than 1W
	Net product weight (Kg)	19.5
	HEPA filter network specification	1300x364x20mm
Silver ion filter network specification	1300x364x15mm	
Specification of activated carbon filter net	1300x364x15mm	
Type of filter net	HEPA filter net + activated carbon filter + silver ion	
Application scope	Operation key	Remote control control
	Working temperature of product	0 C -40 C
	Product storage temperature	-10 C -50 C
	Work altitude of the product	< 3000m
	Humidity of the product	10%-90%RH (no condensation)
	Storage humidity of products	10%-90%RH (no condensation)



AXP-1200  
1413\*430\*127mm  
Area Covered 180M<sup>2</sup>

Main parameter	Solid pollutant CADR	1500 (m3/h)
	Gaseous pollutants CADR	375 (m3/h)
	Solid pollutant CCM	More than 12000 P4
	Gaseous pollutants CCM	More than 1500 F4
	Purification energy efficiency of solid pollutants	High efficiency grade of 10.1 m3/h. W
	Purification energy efficiency of gaseous pollutants	High efficiency, 3.25 m3/h. W
	PM2.5 removal rate -1h	99.87%
	Bacterial removal rate (Staphylococcus alba) -2h	99.66%
	Removal of formaldehyde -1h	93.30%
	Ozone concentration	nothing
	Anion	high concentration
	High grade speed	1120±20rpm
	Sleep power	16W
	Sleep noise	Less than 35dB
	Sleep gear speed	600±20rpm
	Remote control distance	More than 6 meters
	Air outlet / outlet	Sixteen fan
	Air inlet / inlet	Large area of metal mesh
	Special filter screen	Four in one
	Negative ion concentration	Greater than 24 million per second
Good air element addition	High concentration negative ion	
Filter network mode	Six heavy composite filter net	
Bacteria removal (length / strength / number / life)	Silver ion plus cold catalyst	
Easy to operate	Dust cover	Dustproof
	Handle	Hidden hand
	Dust sensor	High precision of laser in Japan
	Air mass display (PM2.5/ carbon dioxide)	Digital LCD display
	Filter replacement reminding	LCD digital countdown prompt
	Automatic mode	Intelligent real-time monitoring
	quiet mode	Yes
	Children's lock	Yes
	Product timing	1-12 hours of arbitrary choice
	Installation method	Wall hanging
	remote control	Manual remote control infrared remote control
	APP control	APP intelligent control
Basic indicators	colour	Surface full treatment of silver gold
	Applicable area	(0.07-0.12) * particulate matter CADR
	Input power (W)	140W
	Uv lamp	Optional 2W, wavelength 253.7mm
	Motor specification	12V/8W DC brushless motor
	Rise power level noise (dB)	The highest 64dB, the lowest 35dB
	Dust sensor specification	Laser, CP-15-A4-CG
	plug size	National standard three foot plug
	Power line specification	Black /H05VVH2-F
	Standby power (W)	Less than 1W
	Net product weight (Kg)	25
	HEPA filter network specification	1700x364x20mm
	Silver ion filter network specification	1700x364x15mm
	Specification of activated carbon filter net	1700x364x15mm
Type of filter net	HEPA filter net + activated carbon filter + silver ion	
Operation key	Remote control control	
Application scope	Working temperature of product	0 C -40 C
	Product storage temperature	-10 C -50 C
	Work altitude of the product	< 3000m
	Humidity of the product	10%-90%RH (no condensation)
	Storage humidity of products	10%-90%RH (no condensation)



Rear View

AXP-1600

1806\*430\*127mm

Area Covered 240M<sup>2</sup>

# Air Purifier Patent



Traditional air purifier

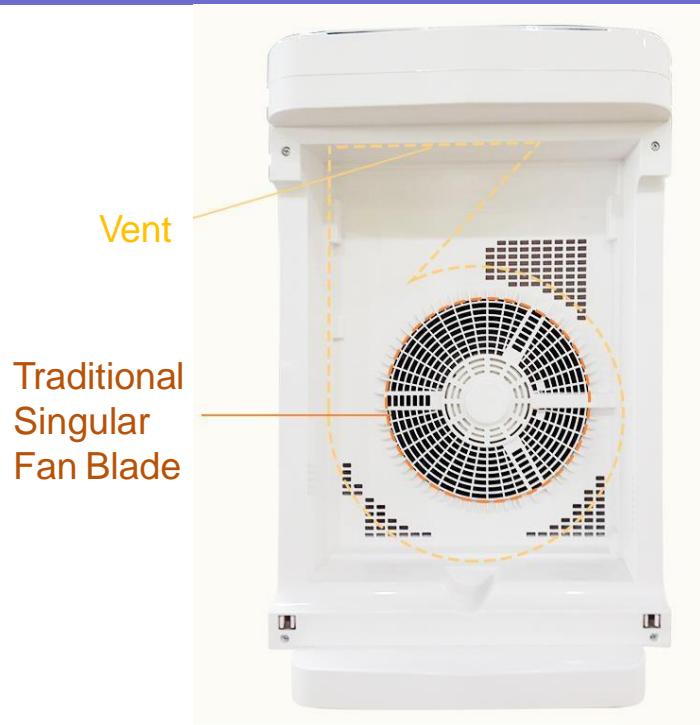


New patented technology air purifier

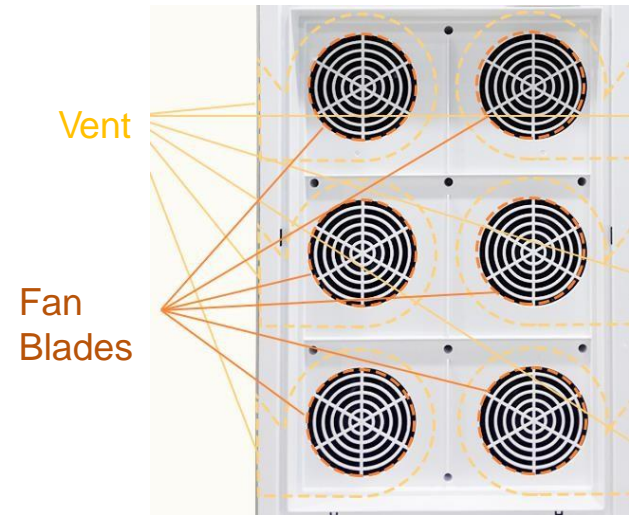
In the traditional air purifier, the air pressure generated from the single fan motor will cause the center of the filter to bend and will be damaged, this will eventually form a gap on the edges allowing harmful bacteria such as formaldehyde and PM2.5, this will then in turn not purify the air.

The new patent technology will solve the above problems, this is due to the wind pressure of the new patented technology will be evenly distributed and will not have a singular intake. The dust absorption and life of the filter will be increased by more than 50%.

# Air Purifier Patent



Traditional air purifier



New patented technology air purifier

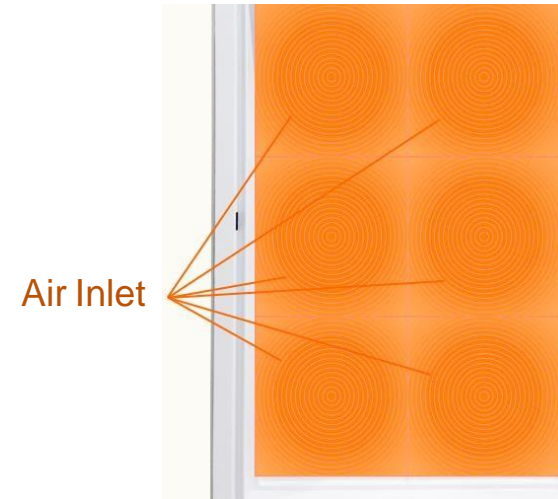
There are multiple advantages of the new patented design, more than three times the airflow, less than 40% of the noise of the traditional purifier, lower energy consumption.

# Air Purifier Patent



Wind pressure diagram of single fan motor

The wind pressure indicates that the deeper the color is, the greater the wind pressure is. The negative pressure generated by the fan puts a lot of pressure on the filter. The matching of activated carbon leads to uneven adsorption and will damage the filter over time.



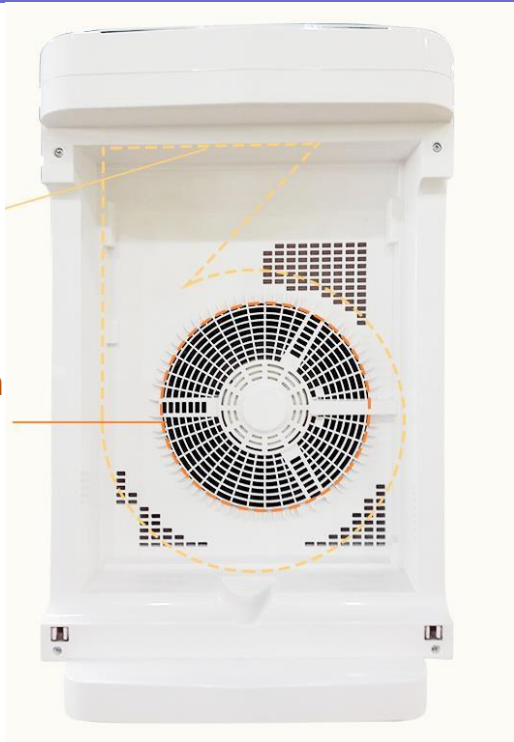
Multiple fan motors wind pressure diagram

The wind pressure indicates that the deeper the color is, the greater the wind pressure is. The central wind pressure is 60 PPA, and the outside is 40 PPA. The wind pressure will ensure that the uniformity will not lead to the failure of the active carbon in the filter, and it will also ensure the even adsorption of around the filter screen and will not cause damage over time.

# Air Purifier Patent

Cross section  
air outlet

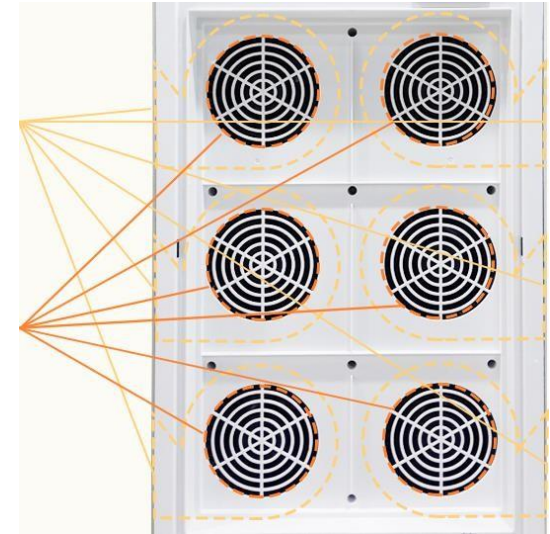
Cross section  
air inlet



Cross section of single fan motor

Cross section  
air outlet

Cross section  
air inlet



Cross section of multiple fan motors

The combination of multiple fan motors, larger area air intake and larger area of wind is more than five times of the traditional purifier.

# Air Purifier Patent

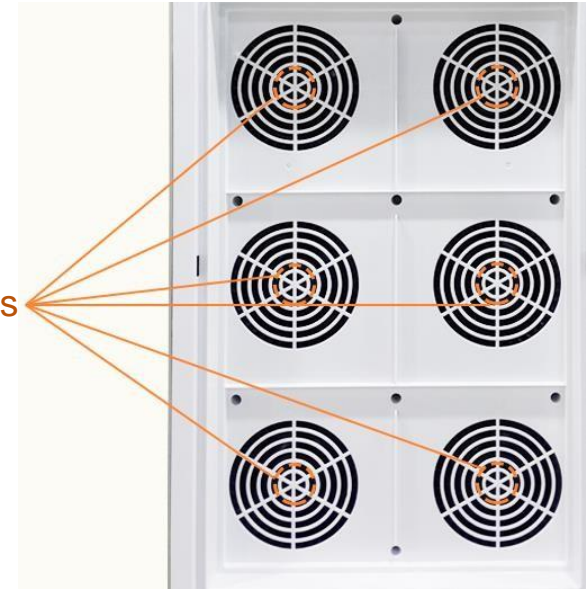
Singular fan motor



Schematic diagram of single wind wheel

With a single fan motor, the speed must be very high to achieve a greater airflow, which will cause noise and consume a lot more energy, which is not as efficient for energy saving and quietness.

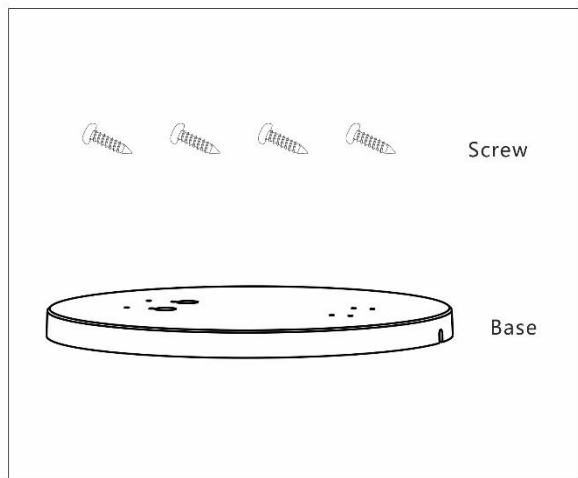
Fan motors



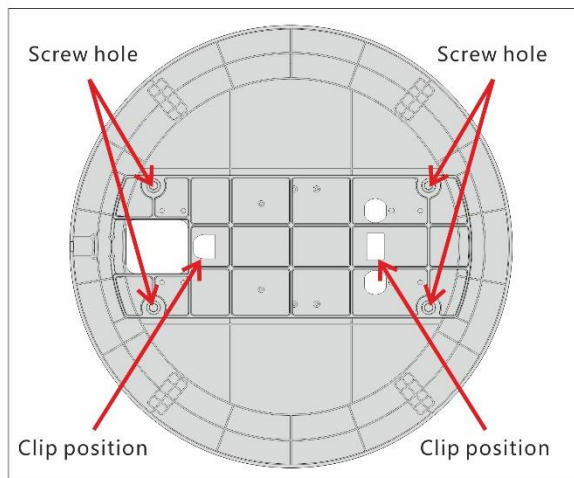
A schematic diagram of a multi wind wheel

With multiple fan motors, the speed of the fans are lower than the single fan motor. It can also reach a higher airflow. This will reduce the noise and energy consumption, which is beneficial to energy saving and quietness.

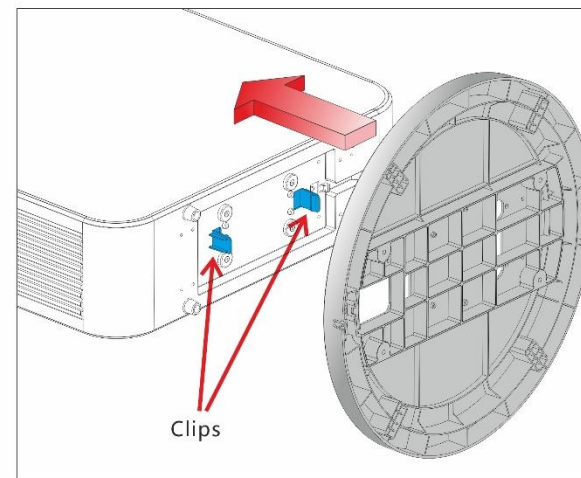
# Installation of circular base for Free Standing Mode - Optional



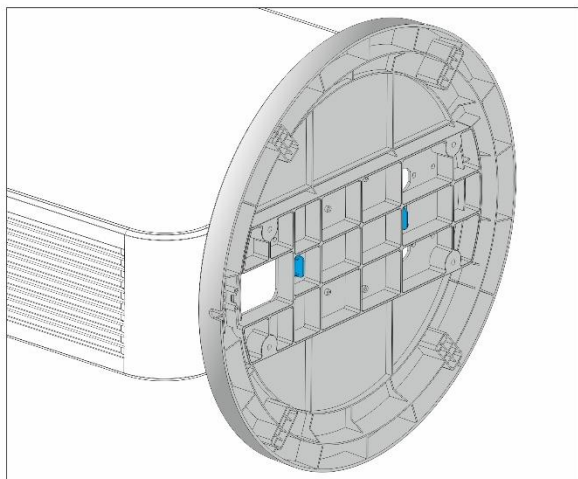
1. Check you have all of the required parts.



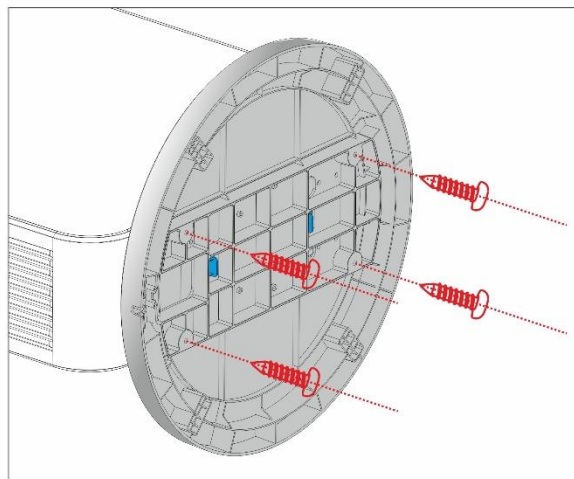
2. Line up the correct holes.



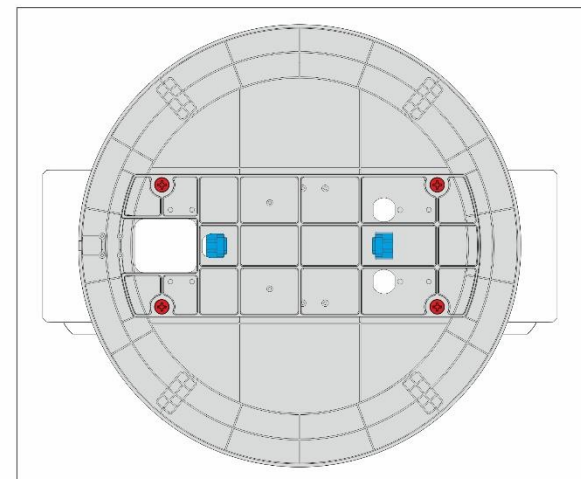
3. Push the base onto the clips from the unit to secure. You may need to have the unit raised up slightly.



4. After the base is clipped in this should hold the base in place for you to fasten it into place.



5. Screw in all 4 screws using a screwdriver. You may need to have the unit raised up slightly.



6. Once the base is securely fastened it should look like this, and installation is complete.