

REMEDICAL ACTIVE™

# AIR PURIFIER

BREATHE CLEANER AND HEALTHIER AIR

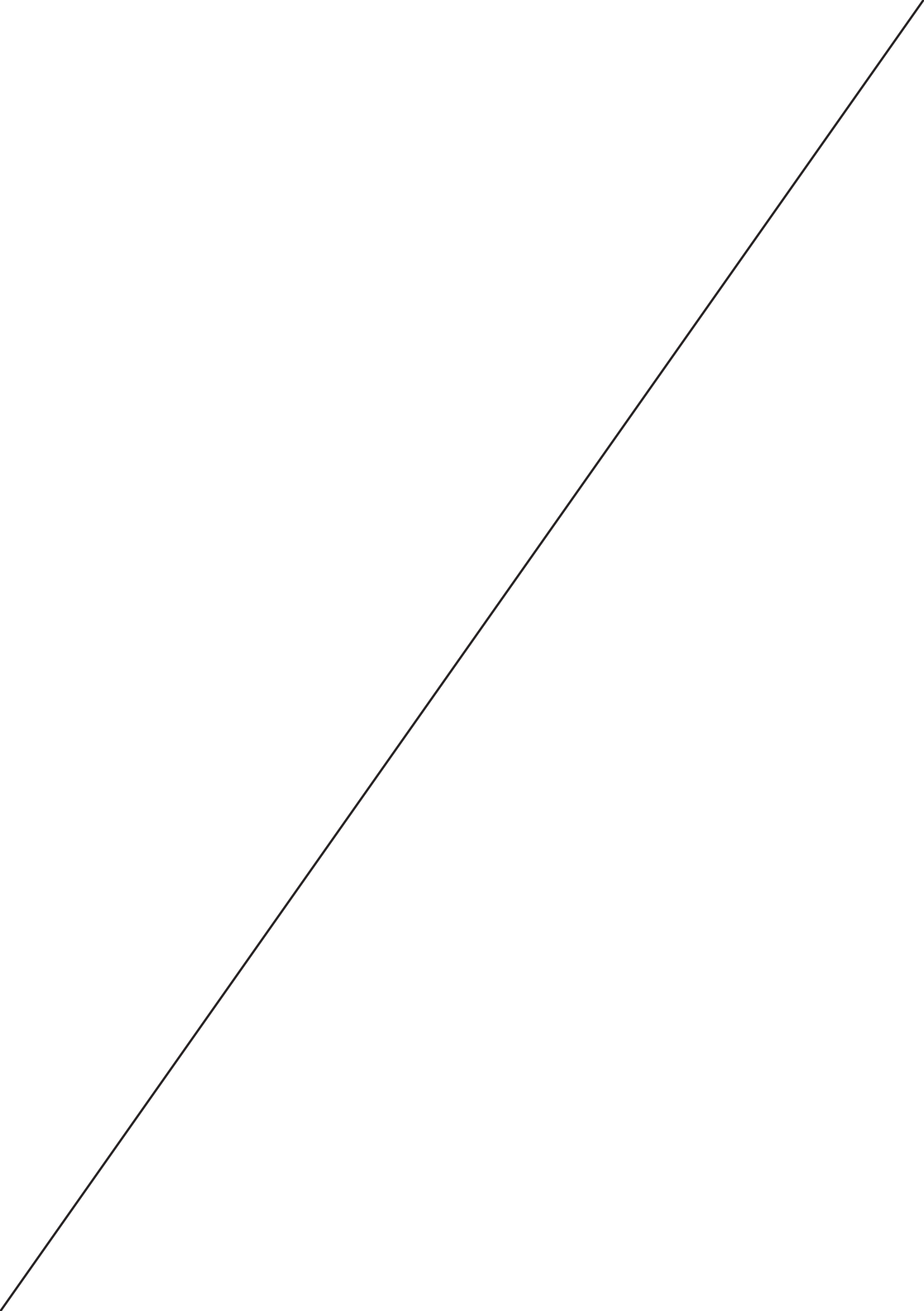
**SCAN ME**

For Helpful Hints & Tips



# USER MANUAL

These instructions contain **important information** which will help you get the **best** from your equipment and ensure **safe and correct** assembly, **use** and **maintenance**.



# SAFETY WARNINGS

When using your Advanced Air Purifier, basic safety precautions should always be followed, including the following:

- Make sure to read all the safety precautions below and look at the illustrations before you start using the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Before cleaning and other maintenance, the appliance must be disconnected from the supply mains.
- Do not damage the power cord, If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Use the appliance for its intended use only described in this manual.
- Do not lift or move the machine with excessive force.
- Do not use beyond the rated power, universal socket or connected devices. This may cause the cord or machine to overheat and cause fire accidents.
- Do not touch the power plug with wet hands, this may cause electric shock.
- Do not put your fingers, any part of your body or metal objects into the air outlet gap, this may cause electric shock or injury.
- Do not let water, flammable detergent or other liquid into the product, this may cause electric shock or fire.
- This product is not supposed to be used as a daily ventilator, dust cleaner or cooker hood.
- Do not use this product near gas appliances, heating devices or near a stove.
- Do not use this product in a humid or high temperature environments. (For example a bathroom, toilet or kitchen)
- Do not allow children to access the remote control.
- Do not place the product in unstable places (Products may drop, overturned, resulting in injury, cause leakage, electric shock or fire accident.
- Do not place the product in high temperature areas, high humidity or places with wet areas (eg. The bathroom, kitchen or places with soot emission.)
- Do not use the air purifier in aromatherapy scent or insecticide environments. The chemical residue may accumulate in the machine, then be released from the outlet and may cause harm to health.
- After using insecticide, ensure the room is thoroughly ventilated before using the air purifier.

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# PERFORMANCE INDICATORS

Product Name	Advanced Air Purifier
Rated Voltage-Frequency	220-240Vac, 50/60Hz
Power	80W
Noise (Low)	≤29.4dB
Ionizer	20million/cm <sup>3</sup>
CADR(PM2.5)	320 m <sup>3</sup> /h
CCM(PM2.5)	P4
CADR (Formaldehyde)	80 m <sup>3</sup> /h
CCM (Formaldehyde)	F4
Application Area	22-38m <sup>2</sup>
Filter Replacement Time	Filter No.1: 2 Years No.2 & No.3: 6 Months
Net Weight	8.0 KG
Product Size	370mm x 195mm x 650mm
Packing Size	433mm x 256mm x 720mm
Purification	Pre-filter, Cold-catalyst, Honeycomb activated carbon filter, Antibacterial filter, UV sterilization, H13 HEPA filter, Anion release.

For product maintenance and filter replacement cleaning information, please refer to the installation manual.

Purification performance parameters are tested under specific third-party laboratory conditions with specific dust particles and formaldehyde gas as target pollutants.

The recommended area is calculated according to (0.07-0.12) xCADR particles, which is the theoretical value. With the different use of environment and building structure the applicable area will also change due to various factors such as the degree of indoor pollution.

# PACKING LIST

Machine	1x PCS
Remote Control	1x PCS
Filters	3x PCS
User Manual	1x PCS

# PURIFIER FEATURES

## **Aluminum Pre Filter**

Aluminum Pre filter; This filter removes large granules of dust, dander, pollen, floating compound and other pollutants. This filter is washable and reusable.

## **Cold Catalyst Filter**

The cold catalyst filter will play a catalyst effect in normal living environment without any external assistance like UV light, sunlight, high temperature or pressure.

The cold catalyst can be used to deal with formaldehyde, ammonia, benzene, TVOC, hydrogen sulfide and other harmful gases released by plywood, furniture, wallpapers, carpets, curtains and bedspreads.

## **Honeycomb Activated Carbon Filter**

This is a removal filter, designed to quickly absorb and decompose gaseous pollutants such as formaldehyde. This filter is ideal for household and office use.

The honeycomb is filled with a unique activated carbon filling, this filter is made from top quality materials for enhanced durability.

## **Antibacterial Filter**

The 5 microns filter with antimicrobial agents can efficiently kill bacteria in the air.

## **High Efficiency H13 HEPA Filter**

The precision of the HEPA filter is 0.3 micron and is able to eliminate particles which are larger than 0.3 micron with the filtration rate of 99% or more.

## **UV Sterilizing Light**

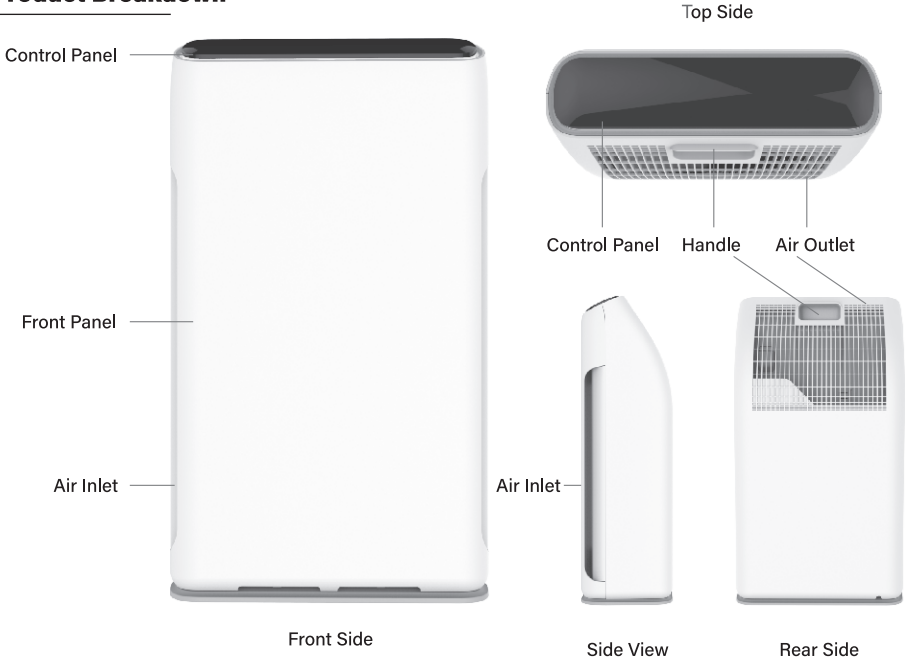
A variety of bacteria can be killed by the 365mm UV light. The UV germicidal lamp is used to purify the air.

## **Anion Release**

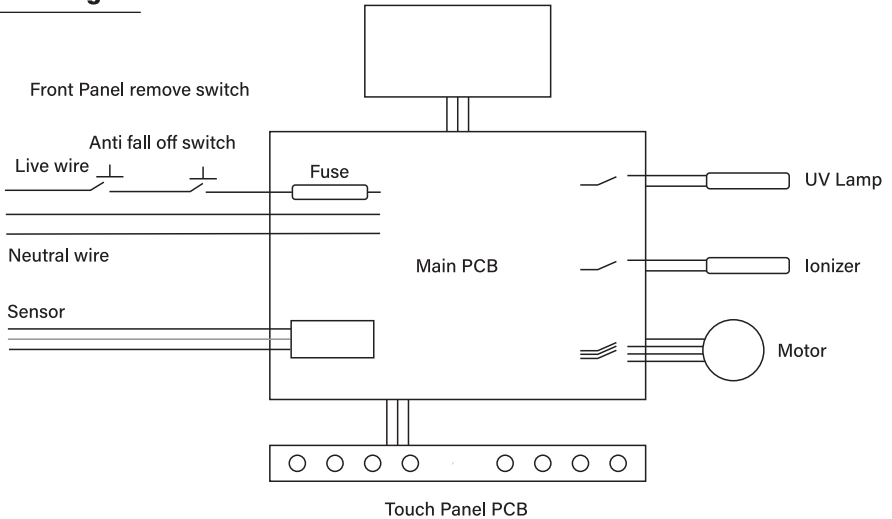
The ionizer releases large amounts of anions and makes the oxygen negatively charged. Thus gathering the positively charged particles like floating dust, bacteria, viruses and smoke. The particles become denser and sink to the ground. The smaller the particle size, the higher the capture rate.

# PRODUCT OVERVIEW

## Product Breakdown

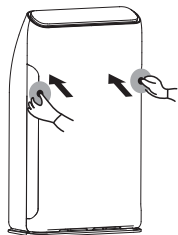


## Circuit Diagram

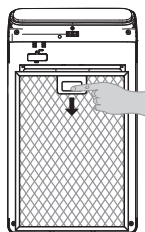
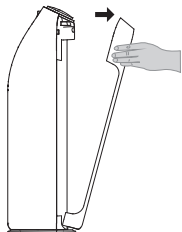


# INSTALLING THE FILTER

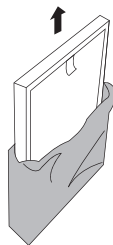
## 1. Take Out Filter from Machine



1. Open the cover

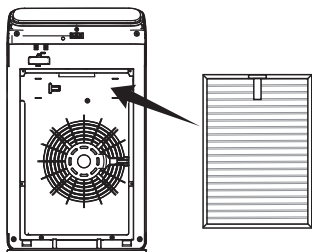


2. Take out the filters

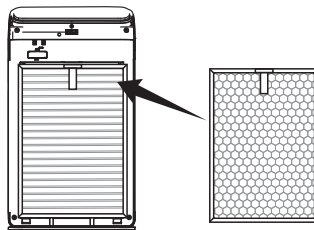


3. Remove all the packaging material

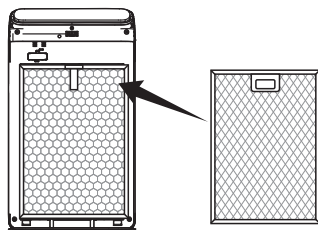
## 2. Install Filter & Front Panel



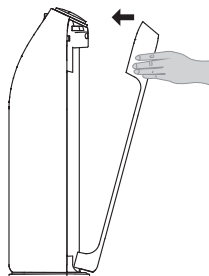
1. Install filter 3 (Antibacterial + HEPA compound filters)  
**Note:** Please ensure the tab side is facing you.



2. Install filter 2 (Cold Catalyst + Activated carbon Filters)  
**Note:** Please ensure the tab side is facing you.



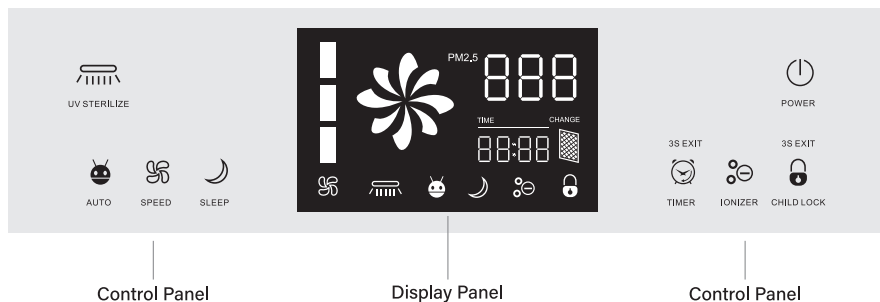
3. Install filter 1 (Pre-filter)  
**Note:** Please ensure the handle side is facing you.



4. Install front plate



# CONTROL OVERVIEW



## Switch On

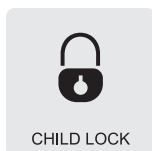


Touch the power button while in standby mode. The Air Purifier will start on the last running mode. (Not including timer and sleep mode)

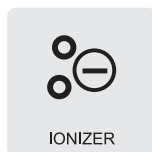
The Air Purifier will go into standby mode after pressing the power button when it is on running mode. It will record the current operation mode at the same time.

**Note:** The Air Purifier includes a panel switch and anti fall switch. The Air Purifier won't turn on when the panel has been removed or the Air Purifier has fallen over.

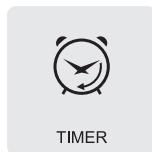
## Select the Operating Mode



All buttons will disable when you press child lock, the Icon will light up and keep running. Press this button for 3 seconds to exit this mode.



The Ionizer will turn on/off when pressing this button. The icon will light up and down accordingly.



Press this button to set the working time. Every time you press the timer button it will increase by 30 minutes up to 12 hours. To exit this mode simply press for 3 seconds.

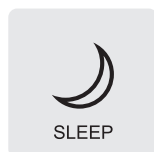
# CONTROL OVERVIEW



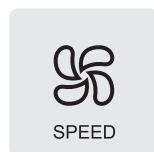
Press the UV sterilize on/off button when the Air Purifier is running. The icon will light up indicating the UV mode is on.



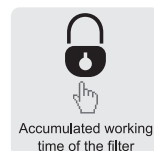
Press the auto button on the control panel, the Air Purifier will automatically start to work. In this mode, according to the degree of air pollution the air purifier will automatically start to work and the air volume will automatically be adjusted.  $PM_{2.5} < 60$  (Low speed),  $60 \leq PM_{2.5} < 150$  (Medium speed),  $PM_{2.5} \geq 150$  (High speed)



The display panel and light will turn off when sleep mode is activated and the motor will only work at low speed. The timer setting is available during this mode and the Air Purifier will enter standby mode after the time setting has finished. Press any button to exit sleep mode.



Pressing this button can adjust the motor speed to Low (500RPM), Medium (600RPM), High (900RPM). Pressing this button will exit auto mode.



Press the child lock for 5 seconds during the normal working mode, it will show accumulated working time of the filter. It will disappear after 3 seconds.

## Switch Off



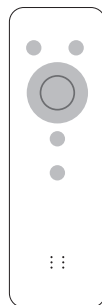
When the air purifier is running, it will go into standby mode when you press this button.

# FUNCTION DESCRIPTIONS

## Remote Control

The Air Purifier is equipped with a remote control.  
(If you don't intend on using the remote control for a long time, please take out the battery)

**Note:** The buttons on the remote control are comparable to the buttons on the operation panel, function and operation method are exactly the same.



## Product Use

**Intelligent operation:** After plugging the air purifier into a power supply, press the power button and then the Auto Button. The machine can run under the sensor intelligent induction. The operation of the motor gear will follow the sensors adjusted value. This operation can use the vast majority of applications.

**Enforce running:** After plugging in the air purifier into a power supply, press the power button. Then set the purification functions you desire: Speed, Ionizer on/off (negative ions) & UV Sterilize on/off. Unit will start the purification process.

**Sleep Mode:** After plugging the air purifier into a power supply, press the power button and let it run at night. As long as the sleep button is in use in the air purifier will operate at a low level, thus reducing noise and all the display lights will turn off, to not disturb the user. To exit sleep mode, press the sleep button once.

**Regular operation:** Press the timer button, select your desired running time, the time will automatically countdown. The air purifier will then stop running automatically after the time has reached zero. (To cancel the timer, press the timer button for 3 seconds)

**Child lock mode:** Whist the Child lock button is engaged, the control panel and buttons on the remote control will not work.  
(To lift the child lock, press the child lock button for 3 seconds or press the unlock button on the remote control)

# AIR QUALITY INDICATOR

## What is the PM2.5 Measurement on the LED Screen?

This measurement indicates the amount of particulate matter in the air that have a diameter of less than 2.5 micrometers.

## What is Particulate Matter?

Particulate Matter (PM) is a mixture of solid and liquid particles that are suspended in the air. These are categorized into coarse, fine and ultrafine. PM2.5 are fine particles that have a diameter less than 2.5 micrometers (more than 100 times thinner than a human hair) and remain suspended in the air for longer durations. The health risk with PM2.5 is that they can potentially travel deep into the respiratory tract, reaching the lungs and entering the blood stream.

## Using Your Air Purifier to reduce PM2.5:

The filters in the Remedical Active Air Purifier will filter and reduce the amount of PM2.5 in the air of your home:

## Air Quality Indicator:

### Green Light:

1~100

= Excellent air quality



PM2.5

036

1~100

### Yellow Light:

101~200

= Good air quality



PM2.5

159

101~200

### Red Light:

Above 201

= Poor air quality



PM2.5

238

Above 201

# CLOCK SETTING

## Clock Setting

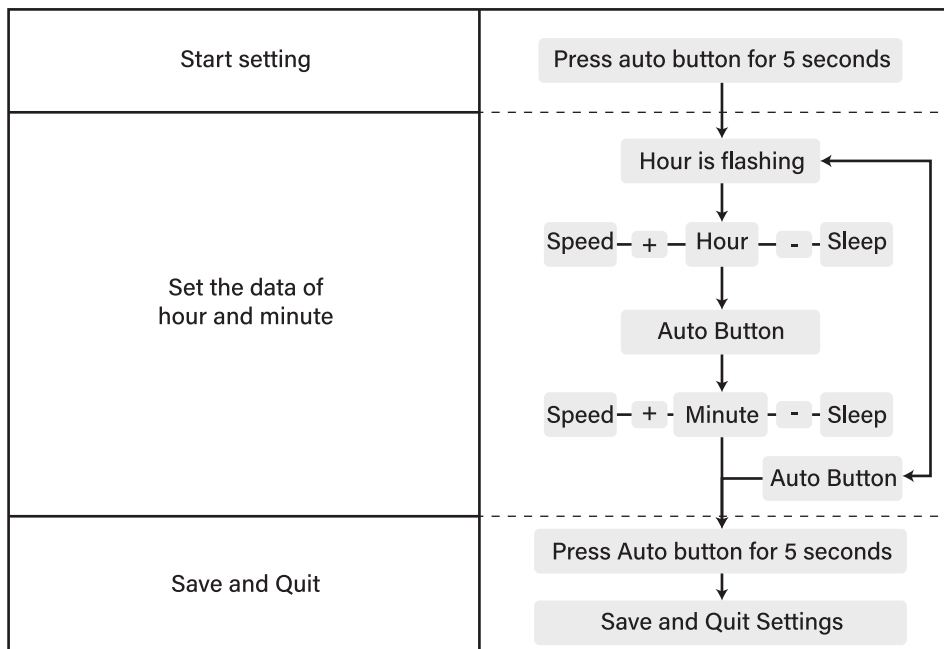
- Press the Auto button for 5 seconds.
- On the time display the hour digits will begin to flash.
- Press the speed button to increase the hour or press the sleep button to subtract the hour.
- Press the auto button again.
- On the time display the minutes digits will begin to flash.
- Press the speed button to increase the hour or press the sleep button to subtract the minutes.
- To complete the time setting press the auto button for another 5 seconds.

**Note:** The power for the Clock function is completely independent. Clock will continue to function even when unit in standby mode.

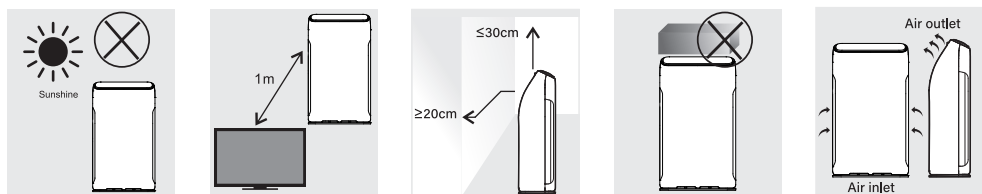
When unit is disconnected from power supply, clock function will continue to work for 10 days & then run out of power.

When connecting unit back to power supply, re-set the clock as stated above.

Time display accuracy does not affect the purification.



# INSTALLATION



- Do not place in direct sunlight or facing the outlet of an air conditioning unit.
  - Do not place in a heated place, this may cause deformation, deterioration, discoloration and malfunction.
  - Please place more than 1 meter away from Televisions, radios and other equipment nearby.
  - When the air purifier is in close proximity to pollen and outdoor dust, this product should be placed on a flat part of the gown as pollen and dust fall towards the floor.
  - In order to make effective air circulation in the room there should be a gap of at least 20 cm at both sides and back of the product, while 30cm from the top surface.
  - Do not place anything on the product as this may cause malfunction.
- Note:** do not place magnets and metal objects.
- Do not block the air inlet or outlet.

# CLEANING & MAINTENANCE

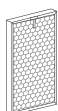
## Pre-Filter



Please clean the Pre-filter every 15 days

- Use the vacuum cleaner to clean the dust on the surface of the screen or wash with water, then dry thoroughly.

## Cold-catalyst Filter / Honeycomb Activated Carbon Filter



Please clean the Cold-catalyst Filter & Honeycomb Activated Carbon Filter every 2 months.

- Use a vacuum cleaner on a **VERY SOFT SUCTION LEVEL**, to clean the dust on the surface of the screen.
- Place the filter into a well ventilated place, do not expose under strong sunshine.
- Do not enforce any pressure onto the filter.
- Do not use water to clean the filter.

# CLEANING & MAINTENANCE

## Antibacterial / HEPA Filter

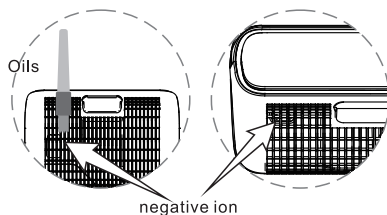


Please clean the Antibacterial / HEPA Filter every 2 months.

- Place the filter into a well ventilated place, do not expose under strong sunshine.
- Do not use water to clean the filter
- Use a vacuum cleaner on a **VERY SOFT SUCTION LEVEL**, to clean the dust on the surface of the screen.

## Negative Ion Generator

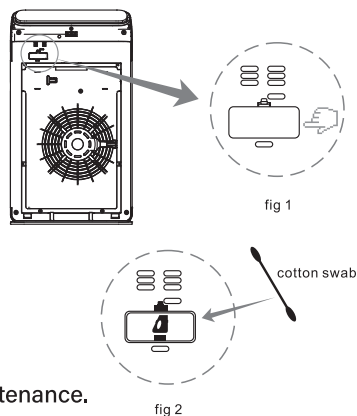
- When you hear the Air Purifier make a creak sound, use a brush as a cleaning tool.
- Regularly clean the dust around the Negative ion which can be located on the upper left hand side at the back of the air purifier.



## Particle Sensor

Please clean the Particle sensor every 2 months.

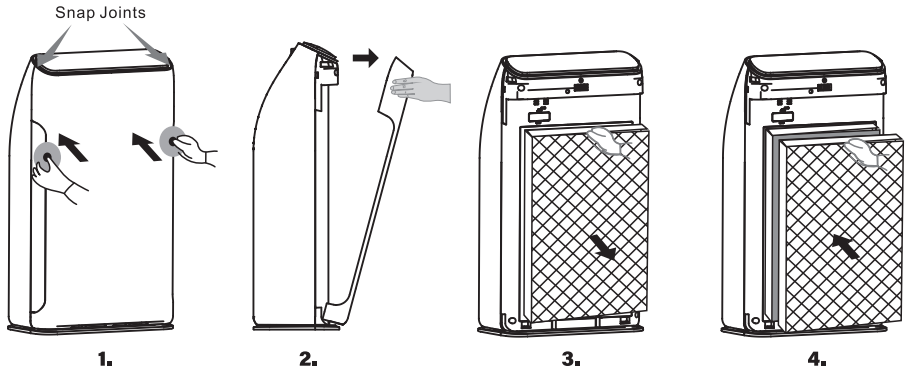
- Please ensure to disconnect the power before cleaning.
- With a dry cotton swab clean the lens to remove moisture and smoke. To access, remove the outer cover of particle sensor.



## Cleaning Tips

- Ensure to disconnect the power before cleaning and maintenance.
- Do not switch on the machine when removing the filters.
- Please unplug the machine when not in use for long periods of time
- Depending on the environment in which the air purifier is in, (smoke or polluted areas), the filter life can be shortened.
- Please replace the filters in the recommended times.

# REPLACING THE FILTERS



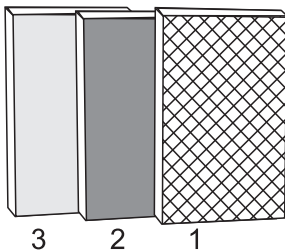
## Replacing the Filters

**Step 1.** Press the middle of the front panel to make the upper button pop out of its position.

**Step 2.** Pull out the front panel.

**Step 3.** Take out the filters one by one.

**Step 4.** Place the new filters in one by one, ensuring they are in the correct order.



**Filter 1.** Pre-Filter

**Filter 2.** Honeycomb activated carbon filter / Cold catalyst filter

**Filter 3.** Antibacterial / HEPA filter

## Filter Change Reminding Reset

The Air Purifier has a filter change reminding function which is set at 1500 hours. Please replace filter 2 and filter 3 when "Change" icon lights up. Please press the child lock button for 5 seconds to reset this function.



# TROUBLESHOOTING

<b>Problem</b>	<b>Solution</b>
Can not turn on or key has no response.	<ul style="list-style-type: none"><li>▪ Make sure the power cord is plugged in.</li><li>▪ Make sure the front plate is covered.</li><li>▪ The Air Purifier may be in child lock mode, if the "Child Lock" light is on. Press and hold the Child lock/reset button for 5 seconds.</li><li>▪ Ensure the Air Purifier is on a flat surface.</li></ul>
The air is dirty but the indicator still shows a green colour.	<ul style="list-style-type: none"><li>▪ Try a different location where the Air Purifier is in a more open space.</li><li>▪ Clean the particle sensor.</li></ul>
Strange or loud sound during operation.	<ul style="list-style-type: none"><li>▪ Clean the negative ion generator as it has built up too much dust.</li></ul>
The Air Purifier is giving off a strange smell.	<ul style="list-style-type: none"><li>▪ Clean the filters.</li><li>▪ If it has been past the filter replacement time, replace the filters.</li></ul>
Not entering into sleep mode automatically at night.	<ul style="list-style-type: none"><li>▪ Ensure the Air Purifier is not in manual mode.</li><li>▪ Press "Auto" button on the control panel.</li></ul>
The air quality hasn't improved over a long period of time.	<ul style="list-style-type: none"><li>▪ Ensure the filter bad has been used if it is the first time using the product.</li><li>▪ Make sure the filters have been installed correctly and in the correct order.</li></ul>
Display is showing 'F1 or F2'	<ul style="list-style-type: none"><li>▪ Please turn off the power immediately and contact us at <a href="http://www.klevarange.com.au">www.klevarange.com.au</a>.</li></ul>

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For Helpful Hints & Tips



You **MUST** read all instructions before using any equipment. We assume no responsibility for personal injury or property damage sustained by or through the use of this product.

**Simpler**®

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