

# CleanKuuki Ceiling Type Air Purifier

Model No.: EC-01



## Features to kill all kinds of bacteria and virus

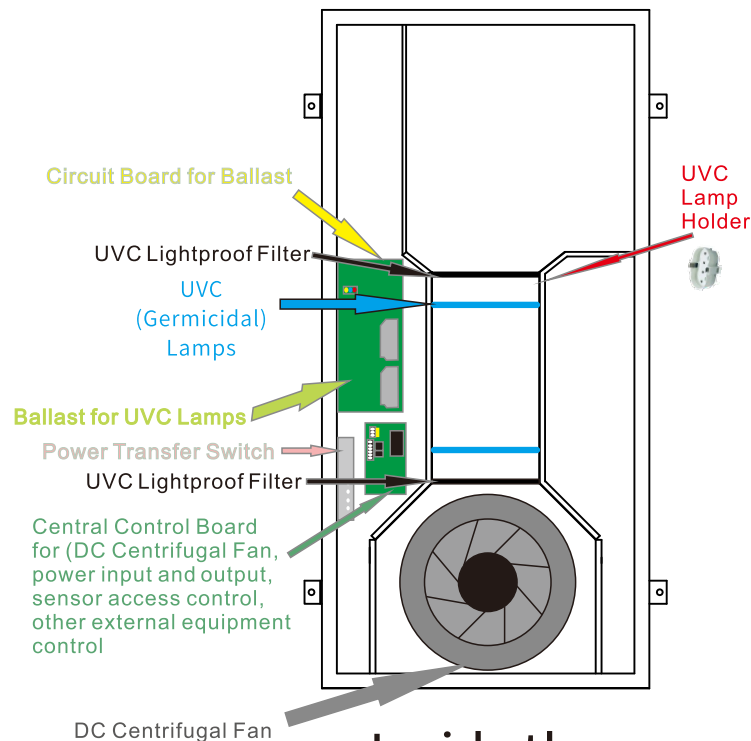
- 1) "Philips" UVC 253.7nm Lamp
- 2) "Nano G" Nano-silver & Photo-catalyst Coating
- 3) H13 HEPA Filter
- 4) Carbon Filter

## Packing for one unit

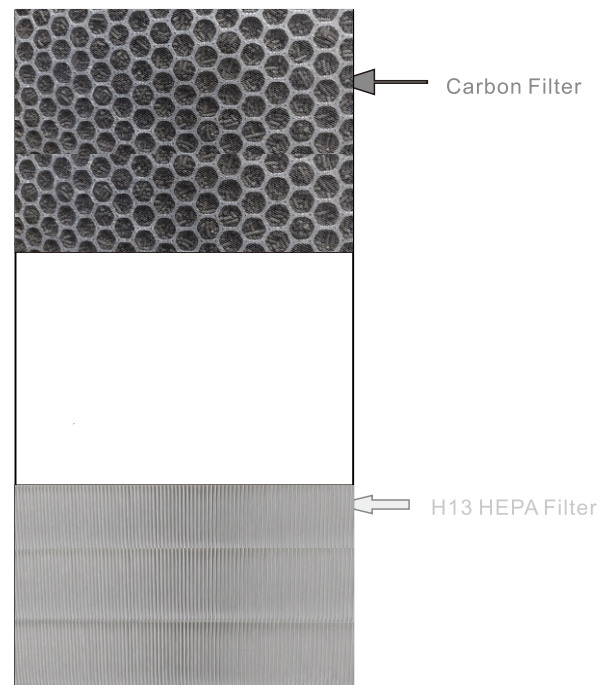
- 1) Air Inflow & Outflow Front Panel
- 2) One set of H13 HEPA Filter and Carbon Filter
- 3) 2 units of UVC Lamps
- 4) Air Purification Box
- 5) LCD Monitor



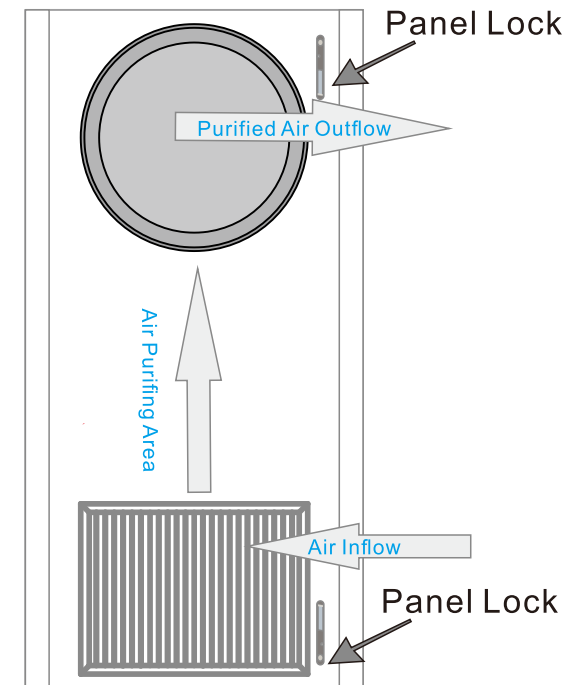
7 inch LCD Monitor



Inside the  
Air Purification Box



Back side of  
the Front Panel



Front side of  
the Front Panel

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## **SPECIFICATIONS**

Model No.	Voltage	Power	Dimensions (L x W x H)	Max. Noise Level	Particulate CADR	Recommended Area	Weight
EC-01	220 V	200 W	1175mm x 570mm x 265mm	61 dBA	2100 m <sup>3</sup> /hr	2000 ft <sup>2</sup>	32 KG

UV -C lamp (253.7nm) Power	UV -C lamp (253.7nm) lifetime	Filters and lifetime	Nano G coating (Kill 99.99% Covid-19)
18 W x 2 tubes	9000 hrs	H13 HEPA filter- 6 months	lifetime - 12 months
		Carbon filter - 12 months	

## **READ AND SAVE THESE INSTRUCTIONS**

### **IMPORTANT SAFETY INSTRUCTIONS**

When using the appliance, the following safety instructions should be strictly followed in order to prevent injury or damage to properties.

- This product 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 product by a person responsible for the safety. Children should be supervised to ensure that they do not play with the product.
- 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.

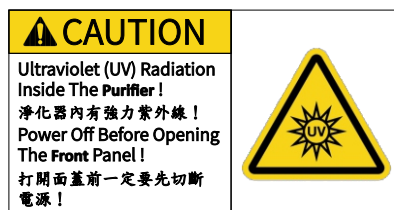
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## WARNING

- The appliance contains a UV-C emitter.
- Unintended use of the appliance or damage to the housing may result in the escape of dangerous UV-C radiation. UV radiation may, even in little doses, cause injury or damage to eyes and skin.
- Appliances that are obviously damaged must not be operated.
- \*\*\*The replacement of the UV-C emitter is strictly done by authorized agent or a specialist
- Disconnect power supply before replacing the UV-C emitter or cleaning or other maintenance.
- Read all the instructions before opening the appliance.\*\*\*
- \*\*\*The below label will be placed on the surface of the appliance as the reminder of using the UV radiation air-cleaning appliance\*\*\*



## INSTRUCTIONS for cleaning UV emitters

### CAUTIONS AND CLEANING METHOD

- Disconnect power supply before cleaning UV-C emitters
- When cleaning the UV emitters, do not wet or splash water on the emitters, to avoid water entering inside and causing malfunction.
- Do not use banana oil, benzine, alcohol, bleach or metal objects to wipe the surface of the emitters.
- Please use soft dry cloth to lightly wipe the surface of the emitters.
- If the surface is very dirty, use a soft cloth and diluted mild detergent to clean, then wipe dry with a soft dry cloth.

### FREQUENCY OF CLEANING

- it is suggested to do cleaning once per month

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## **CAUTIONS during user maintenance**

- Do not let the product get wet, such as spray water to the product during maintenance.
- Do not disassemble or modify the product.  
(Otherwise, the product may malfunction, cause fire, or electric shock.)  
=> Contact the dealer for repair.
- In case of any abnormality or malfunction, stop using the product immediately and disconnect the power.  
(Otherwise, electric shock, fire or smoke may occur.)  
<Examples of abnormality/malfunction>
  - a) If any switches do not work;
  - b) If the circuit breaker is tipped or when fuse blows;
  - c) If you notice a burning smell or an abnormal sound or vibration;
  - d) If there is any other abnormalities or malfunction  
=> Please stop using the product immediately and disconnect the power, and contact the dealer to check and repair.

## **CAUTIONS during installation of the appliance**

### **CAUTION**

#### **Electrical Hazard.**

#### **Can cause personal injury or equipment damage.**

No power is connected before installing or servicing the appliance.

### **IMPORTANT**

Stand on a stable platform when working with the appliance.

#### **When Installing this Appliance...**

1. Read these instructions carefully. Failure to follow them could damage the appliance or cause a hazardous condition.
2. Check the ratings given in the instructions and on the appliance to make sure the appliance is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.

### **DANGER**

If you install by yourself and the appliance is not properly installed, UV radiation leakage, electric shock, fire and injuries caused by the drop of the unit may occur.

**\*\*\*Make sure to have the installation done by your agent or a specialist.\*\*\***

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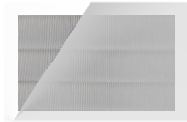


## INSTALLATION

### Unpack The Appliance

Check that all components are included. The unit consists of:

1. H13 HEPA FILTER;



2. UVC LAMP;



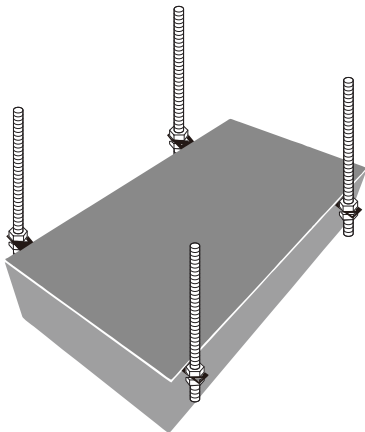
3. LCD MONITOR



### Mount Air Purifier Cabinet

The air purifier can be mounted in a drop ceiling system or hung in an open area. Both mounting methods require the air purifier to be level and positioned facing downward for correct operation.

1. Fit the cabinet into the prepared ceiling opening or position on the ceiling.
2. Use the four 3/8 x 16T internal nuts (one at each corner) to fasten the cabinet to a structural support (i.e. Threaded rod). See below figure.



### NOTE

- All external hardware is furnished by the installer.
- When using the suspension system of mounting, be sure to include a means of leveling adjustment after installation
- 3. Level the air purifier.

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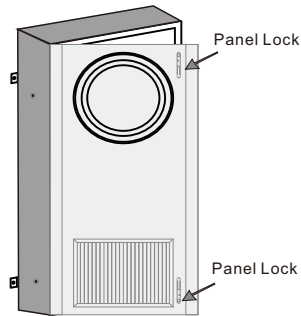


## Electrical Hookup

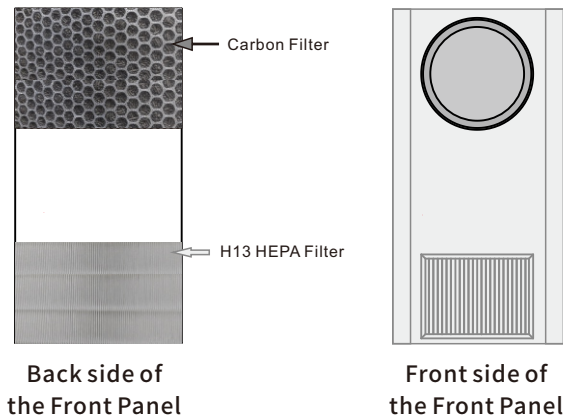
All wiring must comply with applicable codes and ordinances. The power source must agree with the model type: 220V / 50Hz

## Install All Components

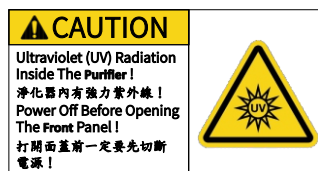
1. Open both Panel Locks; the Front Panel will then open



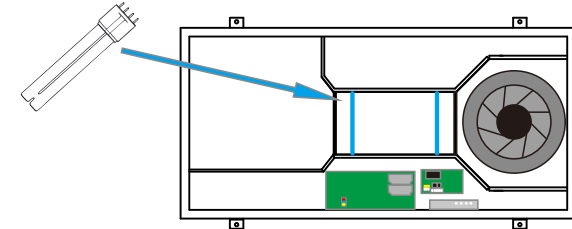
2. Insert H13 HEPA Filter into back side of the Front Panel (Air Inflow) and Insert Carbon Filter into back side of the Front Panel (Air Outflow)



3. Open the panel with the sticker;

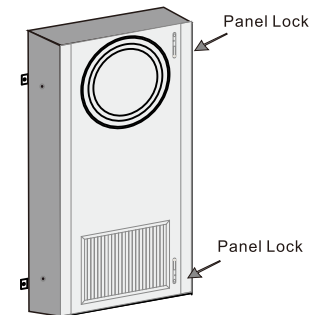


then install UVC lamps

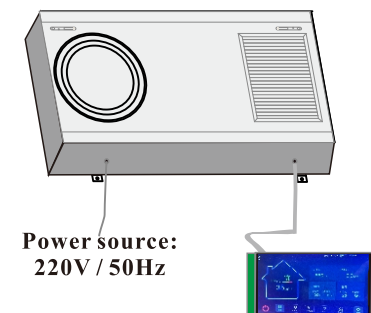


**NOTE: insert one lamp at a time**

4. Close the Front Panel and Close both panel locks.



5. Connect the signal wire to the LCD monitor.



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## Operation

Step 1 – Connect to power source

Step 2 – This product adopts touch screen operation through LCD monitor



Step 3 – Press the button “FAN”  to turn on the DC Centrifugal Fan

Step 4 – Select appropriate air volume for purifying air

Each press of the button “FAN”, the air volume indicator switches in the order shown below:

Level 1 – Silent (purifies air quietly at low speed)



Level 2 – Medium (purifies air at medium speed)



Level 3 – High Speed (purifies air at high speed)



Step 5 – Press the button “UVC Lamp”  to turn on UVC lamps

## MAINTENANCE

1. Change H13 HEPA Filter every six months  
Change Carbon Filter every year
2. Useful life of UVC lamp is about 9000 hours
3. Spray NANO G coating every six months

**This manual can be downloaded from below link:**

[http://www.jmst.com.hk/media/attachments/2022/07/29/instruction-manual\\_air\\_purifier\\_5.pdf](http://www.jmst.com.hk/media/attachments/2022/07/29/instruction-manual_air_purifier_5.pdf)