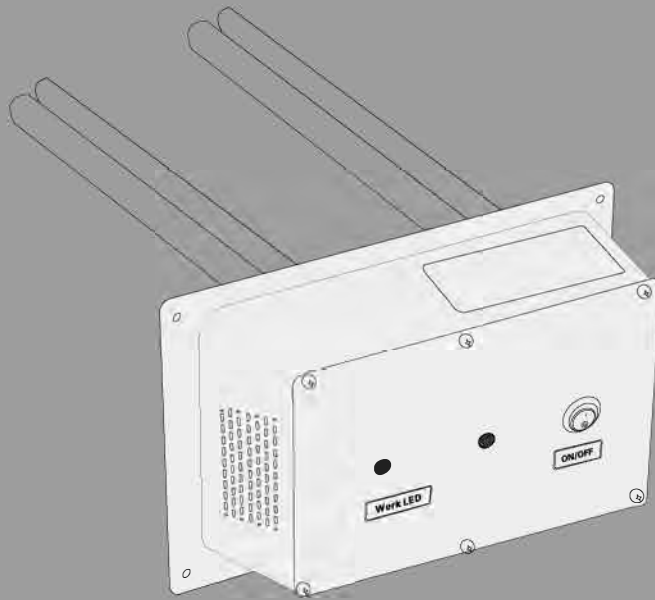


UV germicidal  
lamp holder



Product Manual

## Save these instructions



### **WARNING** Important safety instructions **READ AND SAVE THESE INSTRUCTIONS**

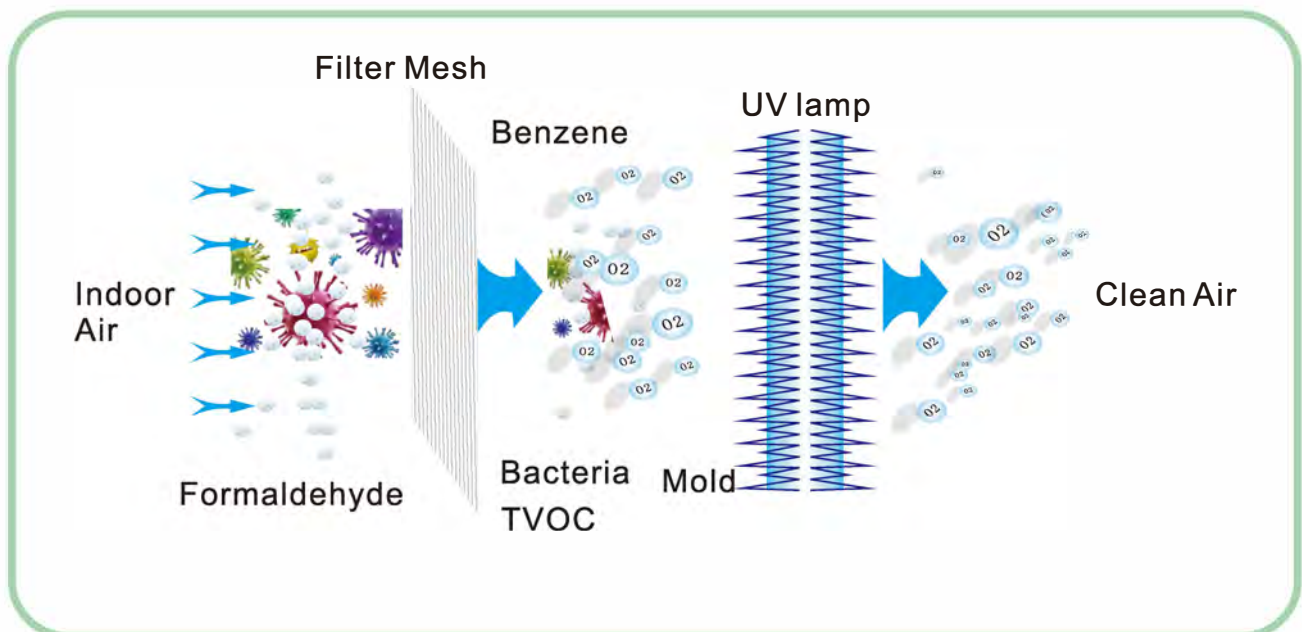
- The device plug should be placed in a place beyond children's reach, to avoid the risk of electric shock;
- In a thunderstorm weather, please pull the plug to protect the device from lightning;
- Under prolonged outage situation, please pull the plug to avoid the occurrence of accidents;
- It's forbidden to inset the power plug via wet hand, so as to avoid electric shock;
- Before starting the device, you should check carefully whether there are foreign bodies blocked in the device wind inlet and outlet;
- Do not put your hand or other objects into the inlet or outlet, so as to avoid personal injury or machine damage;
- The distance between the nearest wall and the inlet or outlet shouldn't be less than 1m, and the machine cannot be placed horizontally or upside down;
- During wet or high temperature weather, or when there are combustible materials nearby, please do not use the remote control to avoid dangers;
- When cleaning the device, you should select organic solvent. Do not use water or other liquids to clean the device, otherwise it might damage the device or cause other risks;
- The device shall not be used in such places as kitchens or bathrooms, etc.;
- Please do not disassemble the machine internal structure, in case of the occurrence of dangers or electric shock during the operation;
- Under abnormal conditions, such as abnormal sound, abnormal high temperature, peculiar smell, smoke or electricity leakage, please turn off the power immediately. You shall consult professional staff instead of dealing with the problems on your own;
- We recommend you to shut down the device when it's running for 24 hours continuously, and restart the device after working every 6 hours. In this way, the service life of the device can be prolonged.
- Children should be under supervision so as to make sure that the device is out of their reach.



## OVERVIEW OF UV LAMP AIR PURIFIER

### Working Principle

It is the central air conditioning disinfection machine pipe-in ultraviolet air purification and disinfection device. The product consists of a power distribution base and several low-voltage, high-strength, ozone-free and low-attenuation ultraviolet lamps. Can be installed in the fresh air, return air duct in any position. Directly kill the pathogenic bacteria carried by airflow, keep the circulating air clean, remove peculiar smell and keep the air conditioning system running efficiently. Effectively prevent the growth of bacteria and odor in the air supply system.





### MAIN FUNCTION AND CHARACTERISTICS

#### **Main function :**

The air duct purification and disinfection device of central air conditioning system mainly USES ultraviolet radiation to sterilize the air passing through the air duct. By ultraviolet (UV) make the ventilation duct with ultraviolet light and then to kill by the bacteria in the air.

#### **Characteristics of UV lamp air purifier**

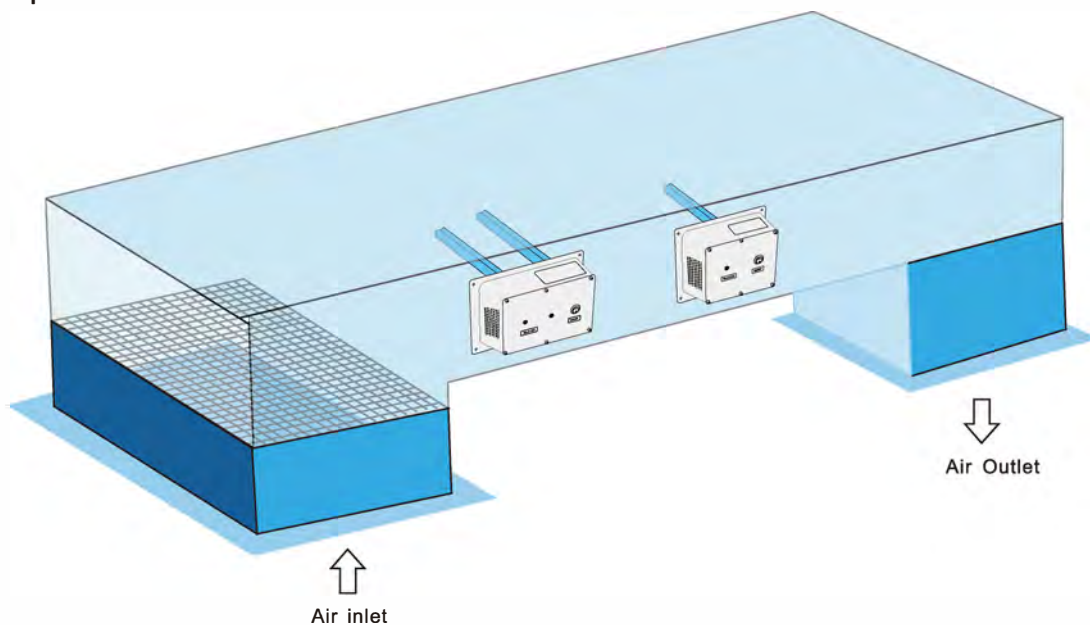
##### **(pipe-insert ultraviolet air purification and disinfection device) :**

- ① Economy: the system needs only a small amount of electricity to run;
- ② Safety: no danger of overexposure;
- ③ Easy installation: easy installation and maintenance of simple automatic, continuous disinfection;
- ④ General purpose: various models are available to meet different system requirements;
- ⑤ Low maintenance cost: only 3 to 5 years to change the lamp and regular cleaning, suitable for the central air conditioning system or ventilation system;



### HOW AIR PURIFIER CLEAN ROOM SYSTEM WORKS

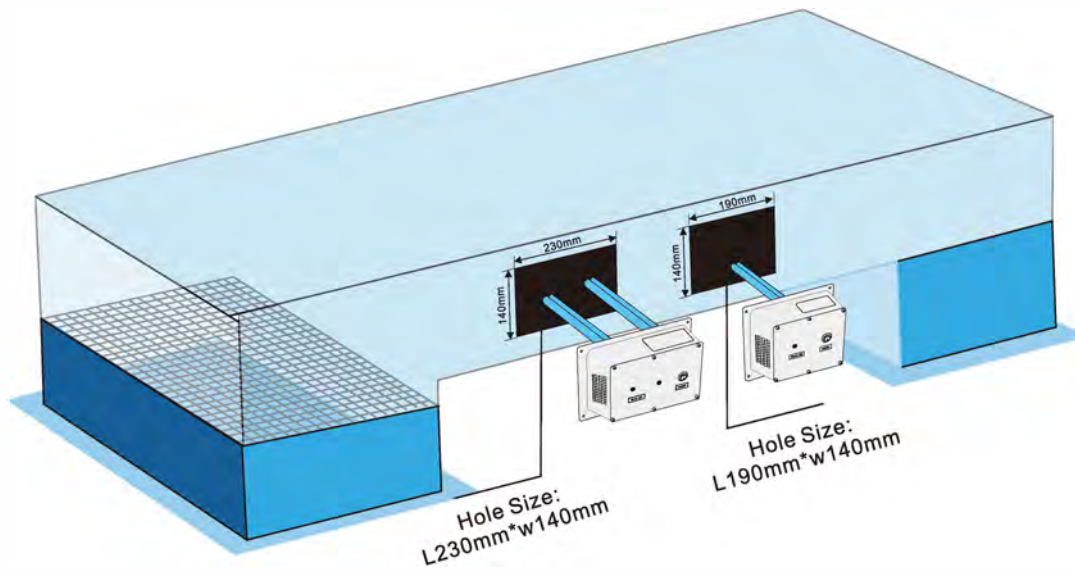
- ①. Pipe-insert ultraviolet air purification and disinfection device through the duct the flow of air, return air for the central air conditioning system, the filter on the air filter and cooling coil surface such as place of bacteria, germs, spores, such as disinfection sterilization, sterilization effect, achieve the goal of to the entire central air-conditioning system disinfection.
- ②. The product is flexible in use, which can carry out dynamic disinfection to the airflow flowing in the air passage, reducing the possibility of cross transmission of bacteria and virus through the air. It can also prevent the propagation of bacteria and spore mold carried by the surface of filter screen and heat exchange coil by static irradiation disinfection.
- ③. The product is equipped with working indicator light, which can monitor the running status of core electrical components in real time to ensure that the product is in an effective working state. Adopt high performance interference electronic ballast.  
The opening position and installation direction of the product can be flexibly adjusted according to the installation space on site. When necessary, the access hole can be opened on the side of the air duct to ensure that installation and maintenance are very simple.





### USING THE CONTROL PANEL

The system is equipped with a state-of-the-art control panel. This advanced control panel allows you to assess the unit status with one quick glance.

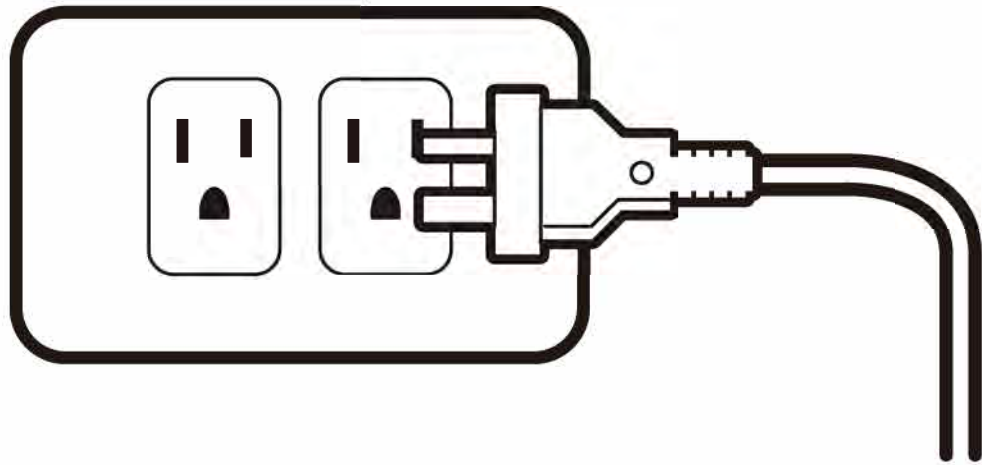


## Connecting to power



### CONNECTING TO POWER

After selecting the location for you air purifier and the space around where it will stay, connect the power cord to the unit and the other end into the socket.



Plug type may vary, we also have other types of plugs



Britain plug



American Plug



German plug



Australia Plug

★ We can customize the plug and voltage according to customer's requirements



### FAULT ANALYSIS AND RECOVERY METHODS

#### **The machine doesn't work**

- The power plug is off
- The power is not on
- The fuse wire is broken
- The motor overload protection

#### **The blower doesn't work**

- The capacitor burns out
- The electric relay is broken
- The blower motor is damaged

#### **The sterilizing unit doesn't work**

- The sterilizing unit is damaged
- The sterilizing unit terminals are of poor connection

#### **The air volume decreases**

- The power voltage is too low
- The filter is of too much accumulated dust

#### **Note:**

Above-mentioned electrical faults shall be examined and repaired by qualified electrical repair personnel or you shall contact our company, and please do not disassemble the machine on your own, so as to avoid electric shock accidents or expansion of fault coverage.