

## I. Manual Operation:

1. Close all the doors and windows.
2. Plug-in & Power on.
3. Press the button ON/OFF on touch panel.
4. Select time setting 15min/30min/45min/60min by the Time Setting Button.
5. The UV lamp will turn on after 10 seconds delay when disinfection time is set.

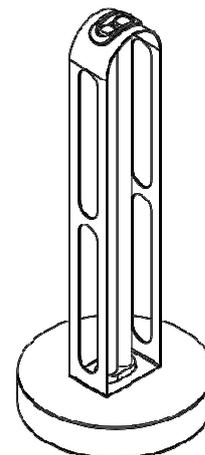
## II. Remote Control Operation:

1. Close all the doors and windows.
2. Plug-in & Power on.
3. Press the button ON/OFF on the remote controller.
4. Select time setting 15min/30min/45min/60min on the remote controller
5. The UV lamp will turn on after 10 seconds delay when disinfection time is set.



### Warning:

Don't look at the disinfection light directly.  
People and pets should leave the area when using the disinfection light.  
Ventilate for 30-40 minutes after working.



## III. Motion Sensor Operation (If the lamp with Motion Sensor):

1. Turn on the UV lamp, select the disinfection time and left the room, after 10 seconds alarming (Di...Di...Di...), the UV lamps will switch on automatically, then 30 second delay, the motion sensor will activated.
2. When the Motion Sensor is activated, it will switch off automatically when it detects someone or something getting close/moving around the lamp within 3-5 meters, and it will alarm Di...Di...Di... for 10 seconds to show that the lamp is already switch off. The UV lamp will switch on after 20 seconds delay when someone/something left, and for another 30 seconds delay, the Motion Sensor activates again.
3. If you want to inactivate the Motion Sensor, hold down the Time Setting button for 5 seconds till the pilot light is switch off, and you can hear the voice Di...to confirm the Sensor is off.
4. If you want activate the Sensor, just hold down the Selective button for 5 seconds till the pilot light switch on, and you can hear the voice Di.... Or just unplug the lamp for 5 seconds, then plug again, the sensor will activate automatically.
5. The Motion sensor can go through the nonmetal materials, such as wood board, plastic, fabrics, etc. But the concrete will influence the detective sensor, and the metal board even can stop the detective ability. So, when the UV Lamps is on working, it will turn off when it detects that someone or something moving around even outside the rooms, and it will turn on again when someone or something left.

## IV. The function of the disinfection light:

Ultraviolet radiation kills a variety of micro-organisms which include bacterial propagules, sprouts, mycobacteria, viruses, fungi, rickettsia, and mycoplasma, etc. Surfaces that have been contaminated by the above-mentioned microorganisms, water and air can be disinfected by ultraviolet radiation.

## V. Note:

1. Put the UV lamp on a height of 50cm-80cm to get the best disinfection effect, Please do not put the lamp higher than 100cm, as the Motion Sensor can not detects perfectly.
2. People and pets should leave the areas when using the disinfection light.
3. The surface of the lamp should be kept clean.
4. When disinfecting the surface of an object with ultraviolet rays, the surface to be irradiated should be directly irradiated within 1 meter of ultraviolet rays, otherwise it's necessary to increase the irradiation time.
5. The lamp is fragile. Please handle it with care.
6. It should be stored well to avoid accidental damage to the sterilizer and personal injury after the sterilization is finished.
7. According to the latest guideline on the diagnosis and treatment of Covid-19 released by the National Health Commission, the virus is sensitive to ultraviolet (UV) light and heat, so UV radiation is a quick and effective way of disinfecting rooms against germs and viruses.

According to the guideline, indoor spaces should be disinfected with UV light with an intensity of over 1.5 watts per square meter. A UV lamp can disinfect objects within one meter for at least half an hour.

Longer exposure to radiation is needed when the temperature indoors is below 20°C or above 40°C and relative humidity is over 60%.

A room should be ventilated after UV disinfection, and people are suggested to enter the room half an hour later.

## VI. Area and Time

### 38W

Area	Power	Disinfect Time	Ventilation Time	
			Ozone free	Ozone
10m <sup>2</sup>	38W	30min	20min	30min
20m <sup>2</sup>	38W	30min	20min	30min
30m <sup>2</sup>	38W	45min	30min	40min
40m <sup>2</sup>	38W	60min	30min	40min

### 55W

Area	Power	Disinfect Time	Ventilation Time	
			Ozone free	Ozone
10m <sup>2</sup>	55W	15min	20min	30min
20m <sup>2</sup>	55W	15min	20min	30min
40m <sup>2</sup>	55W	30min	30min	40min
60m <sup>2</sup>	55W	60min	30min	40min