

# UV ROOM STERILIZER



## OPERATING MANUAL

### PRODUCT DESCRIPTION

FY-30FC

(Four Tube Carbon Steel UV Lamp Trolley)

UV Room sterilizer FY-30FC, has 4 pieces of 30 watts UV lamps that emit a high intensity ultraviolet light that hits every surface in the room and kills any micro organisms or pathogen including MRSA, hand foot mouth disease, colds and flu, pneumonia, molds, e.coli, salmonella and similar type bacteria.

The light penetrates and destroys the actual DNA of micro organisms. There is no known micro organism that is immune to UV-C energy.

UV Room Sterilizer disinfects approximately up to 60 square meters room area.

There are numerous safety features built with a 0-1440 mins timer.

UV Room Sterilizer has numerous applications not just for hospitals but can be used in schools, play areas, hotels, clinics, homes, cinemas, buildings, laboratory, food manufacturing companies and offices. It quickly and effectively provides disinfection of all surfaces and air within minutes.

UV Room Sterilizer is laboratory tested, used by hospitals and recommended by doctors.

## TECHNICAL SPECIFICATION

This product is made of carbon steel, with its four-tube structures, but also can be used independently, the technical parameters are:

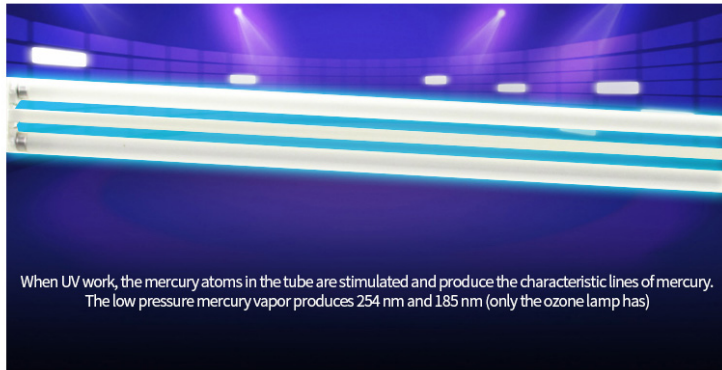
1. Tube Power: 30W
2. Number of tubes: Four(4)
3. Application area: 60 m<sup>2</sup>
4. Voltage: 220V±10%, Frequency: 60HZ±10%
5. Input power: 180VA
6. UV Wavelength: 253.7nm
7. UV illumination: ≥428uW/cm<sup>2</sup>
8. Can be operated with 2 or 4 lamps by pressing Lamp 1 or Lamp 2 button
9. Lamps have side compartments for safe storage
10. Angle of the lamp arms can be adjusted from 30-180°
11. Timer can be set to desired duration starting from 15mins to 1440mins

## USAGE INSTRUCTION

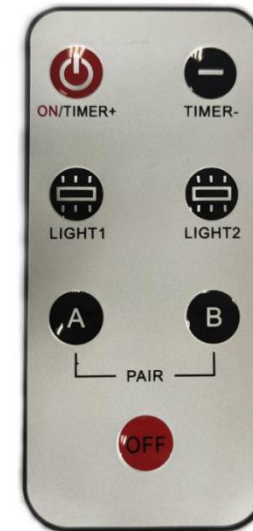
1. Clean the room before using uv room sterilizer.
2. Carefully place the UV Room Sterilizer in the center of the room or on a spot where UV light can beam more things in the room.
3. Arrange everything found in the room to ensure they will be exposed to UV light. Place things that are touched more often closer to the system to maximize sterilization.
4. Plug in and set the timer to the desired duration. The system has a time delay of 15 seconds upon timer setting, this allows the system operator to vacate the room.  
The UV light will be on after 15 seconds. Sterilization start .  
(We suggest a minimum of 30 minutes to a 30 sq.m. areas.)
5. UV Room Sterilizer will suspend and uv light will shut off if someone is around the machine. Then resume when people left.
6. "Lamp 1 "control 2 lamps, "lamp 2" control another 2 lamps.
7. It will generate smell after sterilization. It's perfectly natural. Pls open the window to let the smell out after sterilization.
8. Wipe the lamps with dry cloth after sterilization. Carefully stow the arms in the arms door.

## SAFETY CONSIDERATIONS

- Don't look directly at the ultraviolet light source, should be used in unmanned circumstances.
- Ensure the surface clean of UV lamp, or will affect the performance.
- Keep in the dry and clean room. Should extend the exposure time if the room temperature is below 20 degrees Celsius or above 40 degrees Celsius.
- When sterilizing the surface of object, should illuminate directly within 1m between the ultraviolet light and surface.
- When sterilizing pet or animal room, please make sure pets don't touch the ultraviolet sterilizer. Please protect the eyes and skins of pets with shading cloth.
- Open the window and ventilation for 10 minutes after sterilization.
- UV illumination less than 70% or more than 2000 hours working should change the lamp.



## Remote control instructions



### 1. Pair with the product first

Aim at the light trolley product, press the "A" and "B" buttons at the same time, and then press and hold the "OFF" key to turn off, indicating that the pairing is successful.

### 2. Timing

Press the "ON / TIMER +" key to turn it on, and then press the "ON / TIMER +" key again: This means that the disinfection time has increased by 15 minutes. Use the "TIMER-" key: shorten the disinfection time by 15 minutes. Buttons take 15 minutes as the work unit.

### 3. Control lights

Control one of the lights to make it not working, then press the corresponding button. For example: if you don't want Light1 to not work, press and hold the "LIGHT1" key.

Principle: When the light car is turned on by default, all lights are in working state. At this time, press and hold the "LIGHT1"/"LIGHT2" key, then the corresponding "light 1" or "light 2" will not work.

## APPLICATION AREAS

Hospital /Clinic /Operaing Room/ICU Room  
Animal Centre/School/Bedroom/Office



Bedroom



Living Room



Washroom



Studio / Office