UV ROOM STERILIZER

OPERATING MANUAL

PRODUCT DESCRIPTION

FY-30DSI
(Double Tube Stainless Steel UV Lamp Trolley with Sensor)

UV Room sterilizer FY-30DSI,has 2 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 andflu,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 isimmune to UV-C energy.

UV Room Sterilizer disinfects approximately up to 30 square meters room area.
There are numerous safety features bulit with a 0-120 mins timerand motion sensor.
UV Room Sterilizer has numerous applications not just for hospitals but can be used in schools,play areas,hotels,clinics,homes,cinemas, buildings,food manufacturing companies and offices.
it quickly and effectively provide 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 Stainless steel,with its double-tube structures,
but also can be used independently ,the technical parameters are:

1.Tube Power:30W

2.Number of tubes:Two(2)

3.Application area:30 m2

4.Voltage:120V±10%,Frequency: 60HZ±10%

5.Input power:180VA

6.UV Wavelength:253.7nm

7.UV illumination: ≥214uW/cm2

8.Lamps have side compartments for safe storage

9.Angle of the lamp arms can be adjusted from 30-180°

10.Timer can be set to desired duration starting from 15mins to 120mins

11.Auto-shut off feature is triggered when motion is detected.Sterilization
automatically resumes once no further movement has been detected.

USAGE INSTRUCTION

1.Install the base with body.

2.Open the protection door.

3.Lift the lamp arm and adjust to 90,135,180 degrees.

4.Insert the plug and press 'ON' button ,adjust 0-120mins timer.

5.Leave the room right now.

6.After finishing sterilization,press 'OFF' button.

7.Adjust timer to 'stop'.

8.Hold down the 'adjustable button' to adjust lamp arm to the box .

9.Close the protection door.

10.Pull out the plug.

Attention

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 30 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.It will generate smell after sterilization.It's perfectly natural.Please open the window to let the smell out after sterilization.

7.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.

When UV work, the mercury atoms in the tube are stimulated and produce the characteristic lines of mercury. The low pressure mercury vapor produces 254 nm and 185 nm (only the ozone lamp has)