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Dynamic Room Air Sterilizer

Ultraviolet Sterilization and Purification Lamp



Register your UV by using the attached warranty card
or
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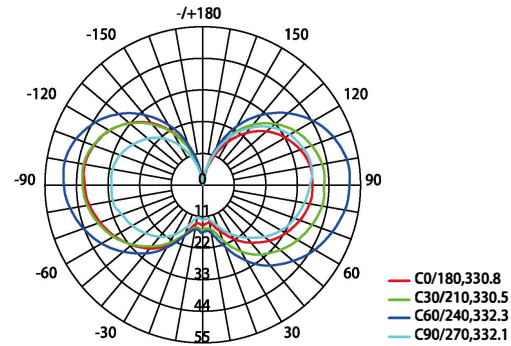


See us on YouTube
www.youtube.com/AquaUltraviolet



PRODUCT FEATURES AND SPECIFICATIONS

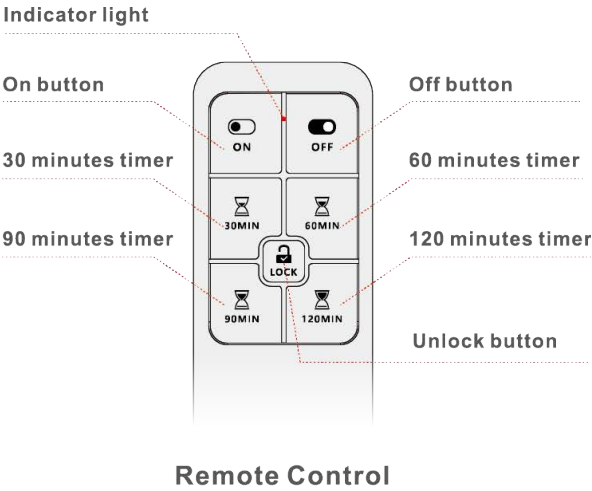
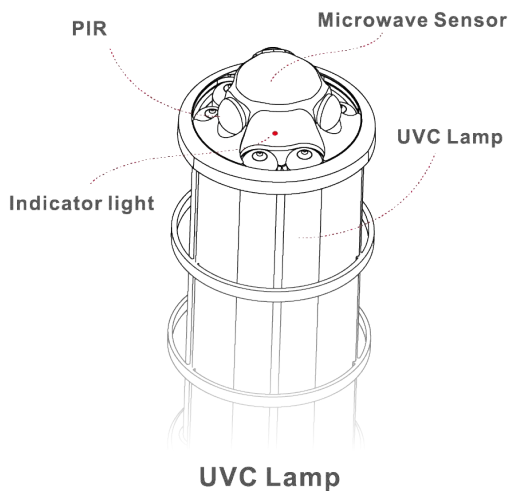
The Dynamic Room Air Sterilizer is a new generation of UVC products, which can be directly connected to the main power supply. This 254nm high-efficiency UVC lamp with 360° ring-shaped illumination. The direct irradiation part of the UV lamp tube is made of aluminum alloy material, which avoids the problems of anti-aging and yellowing of the material. Microwave+ PIR sensors ensure the detection of any movement. It can be set to 30min / 60min / 90min / 120min timing increments by wireless remote control.



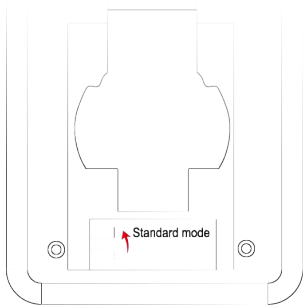
AVERAGE BEAM ANGLE (50%): 331.4 DEG

Model	Influenza ($\mu\text{W}\cdot\text{S}/\text{cm}^2$)	Disinfection time for 9.42ft ² (3.28ft distance to lamp)	Disinfection time for 20.41ft ² (4.92ft distance to lamp)	Disinfection time for 35.60ft ² (6.56ft distance to lamp)	Disinfection time for 54.99ft ² (8.20ft distance to lamp)	Disinfection time for 78.58ft ² (9.84ft distance to lamp)	Disinfection time for 138.35ft ² (13.12ft distance to lamp)
A00001	6000	1.276min	3.245min	7.238min	13.299min	27.346min	105.215min

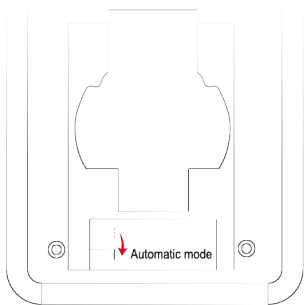
INSTRUCTIONS



Remote Control Instructions (choose the mode before using)
Two modes: Standard mode and automatic mode, switch button under back battery.



Standard Mode



Automatic Mode
When movement is detected,
lamp will turn off.

INSTRUCTIONS CONTINUE

Remote Control Instructions(select mode before using)

1. Two modes: standard mode and automatic mode, switch button is located under back battery.
2. Standard mode
3. Automatic mode
4. Press the "lock" button to start. Choose any button, it will take around 12 seconds to turn on after it stops beeping.
5. The beeping warns you to move away from the disinfection area, ASAP.
6. Five different disinfection time settings (ON/30MIN/60MIN/90MIN/120MIN); "ON" means not time limited.
7. If you want to cancel the time setting, press OFF. Each time the lamp sounds around 12 seconds then on without detection.
8. The remote controller is paired to the lamp.

Note: Other buttons are out of function, if the "lock button" is not pressed

Remote Control Battery Installation Instructions

Insert 2 AAA alkaline batteries, please pay attention to the polarity of the battery, and it is strictly prohibited to mix new and old batteries.



CAUTION

1. Press the "LOCK" button before operating other function buttons.
2. After the UVC lamp is working normally, the lamp is turned off by the artificial trigger sensor module. If there is no abnormal detection within 2 minutes, the lamp will automatically turn on and work normally. The suspended time will not count in the timer.
3. The signal of the remote control is a non-linear wave signal, and may detect movement through some walls.

TECHNICAL SPECIFICATIONS

Operating Temperature :14 -+ 95°F

Operating Environment Humidity: <80%

Storage Temperature: -4 -+ 140°F

Sensor Detection Range: 360 degrees

Sensor Detection Distance: 0-16 feet

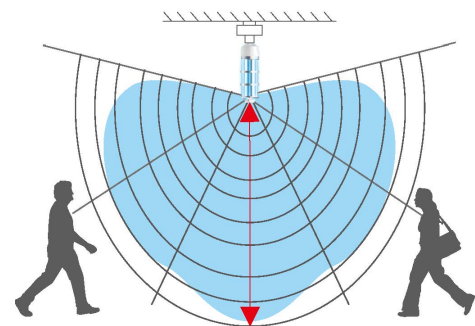
Sensor Type: 1 Microwave+ 3 PIR sensors

Remote Control Distance: 33 feet

Principles and Sterilization Factors

Sterilization Factor: Ultraviolet 253. 7nm

The Principle of Sterilization: Use the C-band ultraviolet light emitted by the ultraviolet lamp to destroy the bacteria and DNA of bacteria for sterilization.



Sensor detection distance: 16ft

PRECAUTIONS FOR USE

1. If the ambient temperature is too high (above 95°F), the PIR sensing distance will be shortened (It is normal). It is possible for the lamp to turn off because of where it is setup, avoid setting up the lamp in direct air flow locations (such as: cold / hot water outlet, exhaust fan, near the electric furnace, etc.). The sensor head cannot be blocked or covered otherwise there will be a risk of PIR sensor failure.
2. There should be no metal shielding in front of the microwave sensor.
3. Vibration can turn off the sensors.
4. Weather - Heavy Thunderstorms, lightening can affect use.
5. Multiple lights need to be separated by more than 3 feet installation distance, otherwise the microwave sensor may fail to detect.
6. The wireless remote control may be controlled through the wall and multiple lights may be controlled by one remote separately or the same time.



WARNING

1. UVC is harmful to humans and animals, please do not expose directly to the skin and eyes, please leave immediately once beeping starts.
2. In severe cases, headache, dizziness, increased body temperature, eye irritation, or decreased vision, Skin irritation, itching, swelling, etc. please consult your doctor immediately.



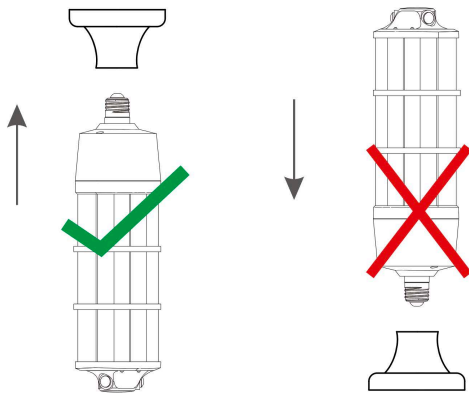
TROUBLESHOOTING

No.	Failure Analysis	Solution
1	No beep (the indicator light is off)	1. Confirm whether it is connected to the main power. 2. Confirm whether the remote control has a battery and whether the batteries are installed correctly.
2	No beep (the indicator light is on)	Call for Assistance
3	Prompt beep (the indicator light not on)	Call for Assistance
4	Remote does not work	Confirm whether the lamp is powered on. If the lamp is powered on, press the remote control "LOCK" first, and then press other function buttons; Whether the voltage of the remote control battery is too low, the battery needs to be replaced
5	"UVC lamp" can not turn on	Confirm whether the lamp is powered on. If the lamp is powered on, confirm the remote control is operating correctly. "Call for assistance"
6	The light appears to trigger the light off	Check the "Precautions" in this manual. If you have avoided the high-level issues and still have no improvement, please call for assistance; Confirm whether the ambient temperature exceeds the operating temperature of the whole lamp.

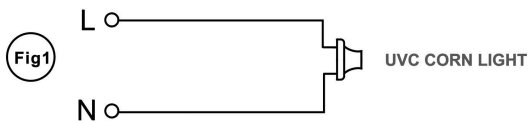
IMPORTANT INFORMATION

1. The product cannot be used for lighting purposes.
2. The product can only be used for the sterilization of area surfaces and surrounding stable air, this can not be used for the sterilization of the any part of the human body. The lamp should be kept dust free, if needed, when the lamp is cold, you can wipe with a damp cloth and let dry. Never rinse the lamp or any part of the unit with water.
3. When you use the product for indoor air sterilization, please close the doors and windows to keep the room clean and dry, and reduce dust and moisture. **NOT RECOMMENDED FOR USE** - If the room temperature is lower than -10 degrees or higher than 35 degrees.. Please open the doors and windows for 10 minutes after sterilization.
4. When using this product to sterilize the surface of objects, a distance of not more than 4 feet from the irradiation surface. The closer to the lamp, the better the sterilization effect. The best sterilization location is near the lamp tube. If there are paintings, plants, utensils, and other ultraviolet sensitive items in the room, they should be covered.
5. Extended UV exposure can cause irreversible damage to an object that is not resistant to ultraviolet rays, and the object can become altered. If the surface of a white object is exposed, the illumination will change the objects color and may begin to look Pale Blue. Plastic items that are not UV resistant will become brittle.
6. After sterilization, the Unit Should be Unplugged and Stored in a Dust Free Area with the remote control to avoid damage and to avoid accidental injury.
7. If the UV sterilization lamp is accidentally broken, it should be ventilated in time and wear gloves for clean up.

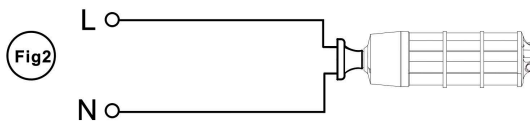
INSTALLATION DIAGRAM



1. Reconnect directly to the existing lamp holder. Shown as Figure 1



2. Install UVC lamp on the socket. Shown as Figure 2.



LAMP SHOULD ALWAYS BE INSTALLED AND OPERATED FACING DOWNWARD

Safety Precautions:

The following basic safety measures must be observed at all stages of operation, maintenance and repair of this equipment. Failure to observe these measures may affect the basic protection provided by the equipment and will void warranty.

1. Please use under the conditions described by this manual.
2. Unauthorized use of this product is strictly prohibited.
3. Electrical components can not be opened or repaired.
4. Connect to singular power source preferably with GFI.
5. This product is not waterproof, please do not use this product in areas where it could get wet.
6. Do not use this product near fire, and do not hit or shake this product.
7. Strong ultraviolet rays are harmful to the human body, please pay attention to ultraviolet radiation. When using, it is strictly prohibited to directly irradiate the human body with ultraviolet rays.
8. Wear protective glasses and clothing as necessary to avoid direct exposure to human skin, mucous membranes and eyes.
9. It is strictly prohibited to use in places where flammable and explosive substances are stored.
10. The power plug should be unplugged during maintenance or stand by.
11. The storage environment should be :Relative humidity S:80%

WARRANTY

WARRANTY INFORMATION - DYNAMIC UV AIR STERILIZER

LIMITED LIABILITY 12 MONTHS FROM DATE OF PURCHASE - MUST HAVE COMPLETED WARRANTY CARD AND PROVIDED ORIGINAL INVOICE

Aqua Ultraviolet systems are warranted against failure due to defects in materials and/or workmanship during the warranty period.

This warranty covers defects that may occur under normal use and applies to the original retail purchaser and may not be transferred.

The warranty and remedies set forth herein are conditional upon proper storage, installation, use, maintenance and conformance with the applicable use.

It will be based upon Aqua Ultraviolet's discretion as to whether the defects are of manufacturing origin.

This warranty does not apply to appearance or accessory items.

This warranty does not include damage due to shipping and handling, transportation, unpacking, set up, installation, improper maintenance, incorrect line voltage, modification, abuse, misuse, neglect, accident, fire, flood, acts of God or repair or replacement of parts supplied by anyone other than Aqua Ultraviolet.

Any oral statements about this product made by the seller, the manufacturer, their representatives or any other party does not constitute warranties and shall not be relied upon by the user and are not part of this contract.

Neither the seller nor the manufacturer shall be liable for any injury, loss or damages, direct, incidental or consequential including but not limited to lost profits, lost sales, injury, inability to use the product and the user agrees that no other remedy is available. Before installing, the user shall determine the suitability of the product for their intended use and the user shall assume all risk liability whatsoever in connection therewith.

To validate this warranty, mail the enclosed warranty card within 10 days of purchase or register online at www.aquauv.com/support/productregistration.

To have warranty work done the original receipt must be provided.

Warranty Period:

Dynamic UV Air Sterilizer - Complete Unit: One year from the date of purchase.

Limitations:

Warranty does not cover any malfunction from improper installation - System is easily set up, but instructions must be followed, every unit has been pretested to ensure all parts fit and operate.

Warranty only applies to the original end user and is not transferable.

Warranty does not cover repairs done by anyone other than Aqua Ultraviolet.

Warranty is void not utilized on individual power source with GFI connector.

Warranty may not be modified by verbal statements by Aqua Ultraviolet, distributors, retailers, their agents or any other party.

Warranty covers the repair or prorated replacement of the Aqua Ultraviolet products.

Aqua Ultraviolet denies all liability for any other loss including but not limited to loss of equipment, income, livestock, pets, aquatic life or personal injuries.

There are no warranties on broken Lamps.

The user is responsible for Shipping Charges on any Items returned to the Manufacturer on Warranty Assessments.

Warranty is voided by the following:

Product labels defaced or removed.

Product has been painted or altered.

Product is improperly installed or maintained by user or agent.

Product abused, misused or damaged by user or their agent.

Product damage caused by electrical surges, electrical spikes, electrical brown outs or improper voltage.

Electrical cord has been cut.

Use of anything other than genuine Aqua Ultraviolet Parts.

Any implied warranty granted under state law including warranties of merchantability or fitness for a particular purpose are limited to one year from the date of purchase or as otherwise stated in the above warranty. Aqua Ultraviolet is not responsible for direct, indirect, incidental or consequential damages. Some states do not allow limitations on how long an implied warranty lasts and/or does not allow the exclusions or limitations of incidental damages so the above limitation and exclusion may not apply to you. This warranty gives you special legal rights and you may also have other rights that vary from state to state.

Warranty Returns or Repair Returns: Please call Aqua Ultraviolet at (800) 454-2725 for a "Return Merchandise Authorization" (RMA) number, or email info@aquauv.com. You must have a valid RMA from an Aqua Ultraviolet customer service representative before sending any product in for warranty or repair. Please have your serial number, date of purchase, original Invoice and product type available when calling for an RMA number. All warranty returns or repair returns must come freight prepaid with an RMA number clearly marked on the outside of the box. All other returns will be refused. Aqua Ultraviolet will not be liable for any shipping cost to return warranty or repair items. Include a note in the box with your RMA number, name, address, daytime phone number and brief description of the reason for return or repair.

WARRANTY CONTINUE

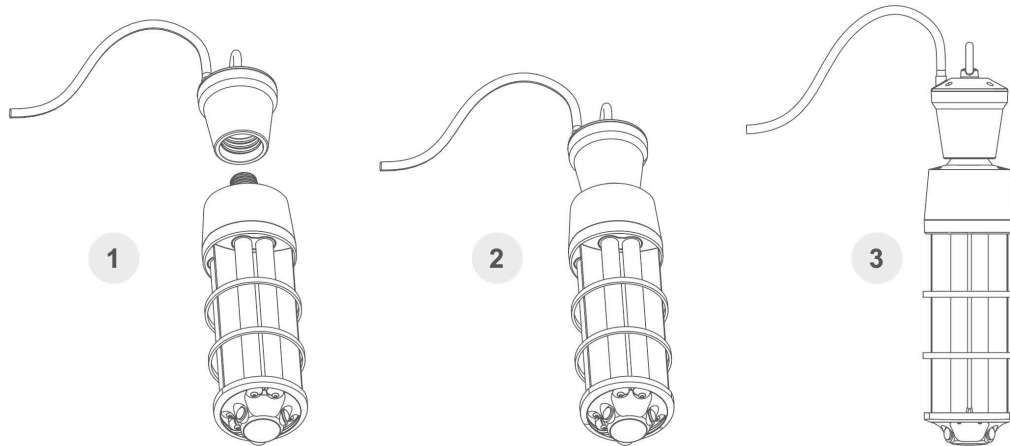
Be sure to return product in the same packing or similar packing and insure the package (we recommend sending it UPS). If you do not have or can not locate proper packaging, please call our customer service department and we will send you packaging for a minimal charge.

Aqua Ultraviolet shall not be responsible for damage or loss done by the shipper. Nor shall Aqua Ultraviolet be responsible for merchandise that arrives damaged due to improper packaging. All claims for loss and damage must be filed by the customer with the shipper.

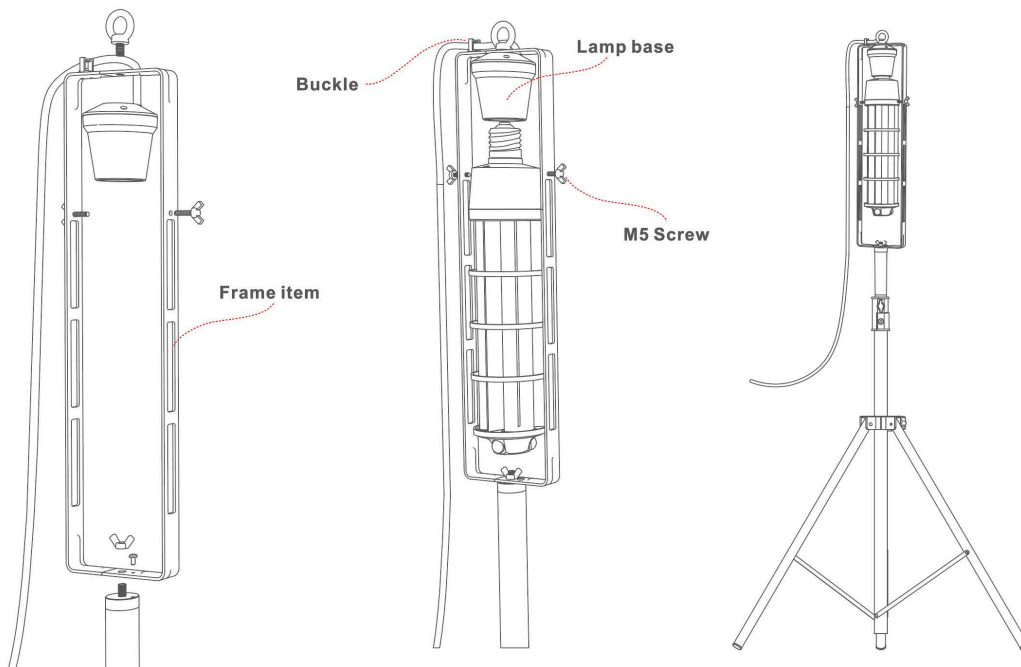
If the unit is found to be out of warranty we will contact you with the cost of repair. Your authorization is required prior to making any repairs & return shipping is at the cost of the customer

If the unit is found to be in good order and operational, it will be returned back to the customer, shipping to be paid by the customer.

EYEBOLT BASE INSTALLATION



TRIPOD INSTALLATION



1. Install the frame according to the above view.

2. Snap the power cord into the cord buckle. The lamp body is rotatably installed on the lamp holder. Adjust and tighten the position of the M5 screw. Ensure that the light is centered vertically in the frame.

3. Adjust the frame height to ensure the stand is stable and complete the installation.



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