

L35-PURIFICATION TROLLEY MANUAL

Product overview

This product is designed on the basis of U18-30W purification tube. The arm has a adjustable angle of 0-180°; The whole trolley is movable with universal wheels and can be parked at fixed points with brakes. It is suitable for purification of indoor places such as medical institutions , schools , offices, commercial places, food industry, pharmaceutical industry and households.

Technical specifications

Operating temperature: 10~35°C

Operating environment humidity: <80%

Storage temperature: -20~60°C

Sensor detection distance: 0-5M

Sensor detection range: 360°

Principle and purification factor

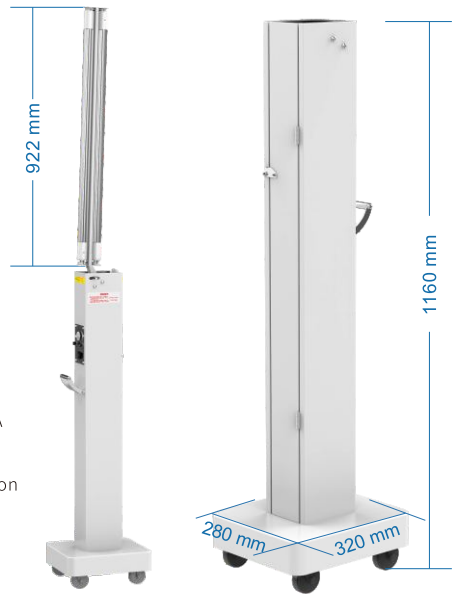
Ultraviolet wavelength: 254nm

Purification principle: using the C-band ultraviolet light emitted by the ultraviolet tube to destroy the DNA and RNA structure of bacteria and virus

Input voltage: 100-120V/ 220-240V currently (depending on the input voltage of U18)

Input power: 60W (with 3 pin power cord)

Dimensions as pictured at right:



Control panel introduction

The mechanical timing can realize 0-2 hour timing switch

2 fuses

The mechanical switch can realize the on/off control of 1 single tube or 2tubes



Precautions for use

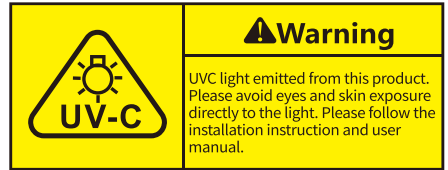
1. Only professional maintenance is allowed, so as not to damage the precision electronic components.
2. If the ambient temperature is too high (above 35 °C), the microwave sensing distance will be shortened (It is normal). At the same time, there is a possibility that the lamp is turned off by mistake. Please avoid installing the lamp in direct air flow location (such as: cold/hot water outlet, exhaust fan, near the electric furnace, etc.). The sensor's head cannot be blocked or covered otherwise there will be a risk of microwave sensor failure.
3. The microwave sensor may turn off the light by mistake in heavy rain, may turn off the light by mistake when there is a sewer pipe with water flowing nearby. It will have poor sensing of objects moving at a uniform speed. There should be no metal shielding in front of the microwave sensor. There must be no vibration at the installation location, which will turn off the light by mistake.
4. There should be at least 15cm distance between multiple trolleys. The tubes need to be installed crosswise, otherwise the light might be turned off by mistake.
5. It is not allowed to have any obstructions in front and block the tube when the light is on, otherwise the purification will be ineffective. Ultraviolet light can only penetrate the quartz glass, and other objects are difficult to penetrate.

Trouble Shooting

No.	Failure Analysis	solution
1	No beeps(the indicator light is off)	Confirm whether it connect to the main power
2	No beeps(the indicator light is on)	Please send it back for repair
3	Buzzer beeps(the indicator light is off)	Please send it back for repair
4	UVC light can not be turned on	Confirm whether it connect to the main power; whether the installation meets the requirements
5	The light appears to trigger the light off	Confirm whether the situation is in the "Precautions" of this manual; confirm whether the ambient temperature is beyond the operating temperature. If it's none of the above conditions, please send it back for repair

Warning

1. Direct exposure to UVC is harmful to people or animals. Please do not expose directly to skin and eyes. Please leave the purification area immediately once the light buzzing and on.
2. If you have any slightly uncomfortable feelings by being irradiated, please leave the UVC light source as soon as possible.
3. In severe cases such as headache, dizziness, increased body temperature, eye irritation, or decreased vision, skin redness, itching, swelling, etc. Please consult the doctors immediately.



Additional notes

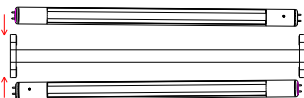
1. The product cannot be used for lighting purposes.
2. The product can only be used for the purification of the object surface and air, cannot be used for the purification of the surface of human. During the use of the product, the surface of UVC tube should be kept clean. If there is dust or oil on the tube surface, please wipe it in time. It is recommended to wipe it with a damp cloth and then dry it. Do not rinse it with water.
3. When you use the product for indoor air purification, please close the doors and windows and keep the room clean and dry, and reduce dust and moisture. If the room temperature is lower than 0 degree or higher than 35 degrees, it is not recommended to use. Please open the doors and windows for 10 minutes to ventilate after purification.
4. If there are paintings, plants, utensils, and other ultraviolet sensitive items in the room, they should be covered when using this product to purification the surface of objects, otherwise aging or damage may occur.
5. Irreversible damage will occur to the objects that are not resistant to ultraviolet rays by long time UVC irradiation, and the objects might have chemical changes phenomenon. If the surface of the white objects are exposed, the irradiation will change the objects color. Plastic items that are not UV resistant will become brittle.
6. After purification, please put away the product to avoid accidental light on and accidental injury.
7. If the UVC purification tube is accidentally broken, the place should be ventilated in time and please wear gloves to clean or clean up with a mercury vacuum cleaner or with other suitable means that avoids generating dust and mercury vapor. Do not use an ordinary/standard vacuum cleaner.
8. After handling broken tubes, please remove protective clothing and thoroughly wash hands before eating, smoking, or using toilet facilities.

Warranty

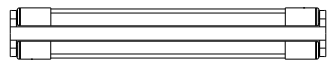
Within 1 year after the purchase date, you can get free warranty service if the defective caused by the manufacturing process, technology, and components. The free service cannot be obtained under the following circumstances:

1. Beyond the effective service or free maintenance period.
2. Man-made damage caused by improper use, such as improper installation, use not in accordance with the instructions, incorrect use, etc. Damage caused by transportation or other accidents. Other damages caused by force majeure (such as natural disaster, abnormal voltage, etc.).
3. The normal product aging, wearing, etc., which does not affect the normal use of the product.
4. Other failure and damages caused by non-product design, technology, manufacturing, quality and such problems.

Installation of UVC tubes



Step 1: Install the two tubes in the fixture/arm in different directions of sensors

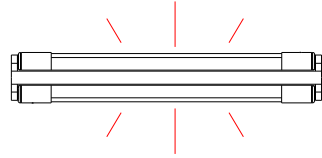


Step 2: The two tubes have been fixed in the arm

Installation of UVC tubes



Step 3: Rotate the two tubes 90 degrees each



Step 4: Turn on the power after the installation is complete

Cautions:

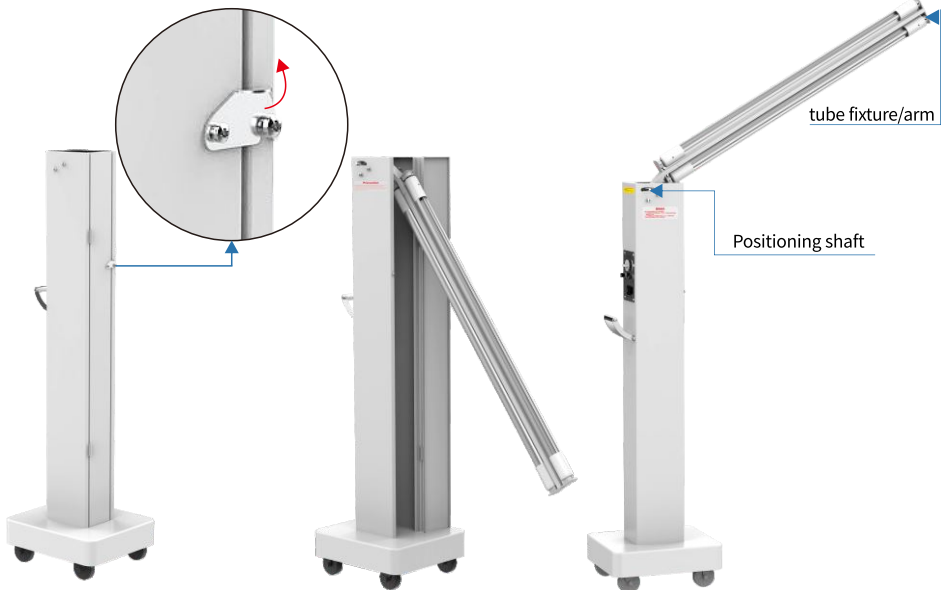
U18 UVC tubes should be installed crosswise since the distance between the fixtures is less than 15cm (microwave sensors in two directions), otherwise interference will be caused.



Example of installation



Operation of the trolley arm



Rotate upwards to the open state, open the trolley, and raise the arm to required position.

Please gently lift the arm first, without letting go; then turn the positioning shaft to the far right, and gently lower the arm to the bottom so the unit is folded up.