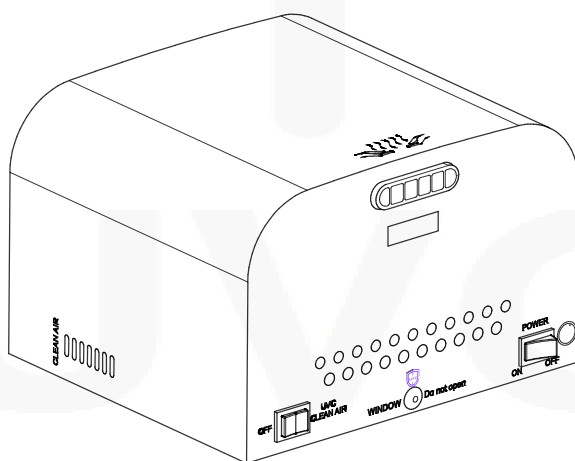


- Please Install Under Professional Guidance
- Please Read the Manual Before Use or Installation.
Keep The Manual Properly for Future Reference.

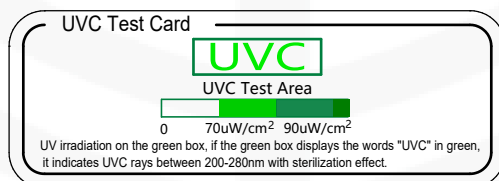
Deep UVC Stainless Steel Hand Dryer

Model:

USER MANUAL



UVC Test Card



Contents

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The principle, feature of UV, how to use and protect	2
disinfection methods and protection of ultraviolet hand dryers	2
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Specifications

Rated voltage	220VAC	Wind velocity	100m/s
Input power	1420w	Heating start temperature	25± 2°C
Motor Power	600w	Hand drying noise disinfection noise	< 56dB(A)/48dB(A)
RPM	31000RPM	Motor	Series Motor
Heating Power	800w	Sensor Type	Automatic Sensing
UV light power	20w	Dimension	215×190×140mm
Disinfection area	30m ³	Net weight	4.0Kg
The Hand Dryer Will Automatically Stop After 25 Seconds Consecutive Running. Retract the Hands and Reach Out Again. The Machine Works Again.			



Important safety instructions

Personal injury accidents will happen if use improperly



- Do not modify or dismantle the machine unnecessarily
Otherwise it might cause fire, electric shock or injury accident



- Do not modify or dismantle the machine unnecessarily
Otherwise it may cause the danger of UV leakage



- Do not use it in the rain or shower room or any places prone to condensation
Otherwise it might cause electric shock or machine fault



- Must have reliable ground wires.
Otherwise it might cause electric shock when the machine malfunctions or leakage.



- Please use rated power
If it is 10% beyond the rated voltage, the machine might get fault.
- Please use a separate circuit
If combined wiring with other appliances, it might cause over-heating of the socket and cause fire.



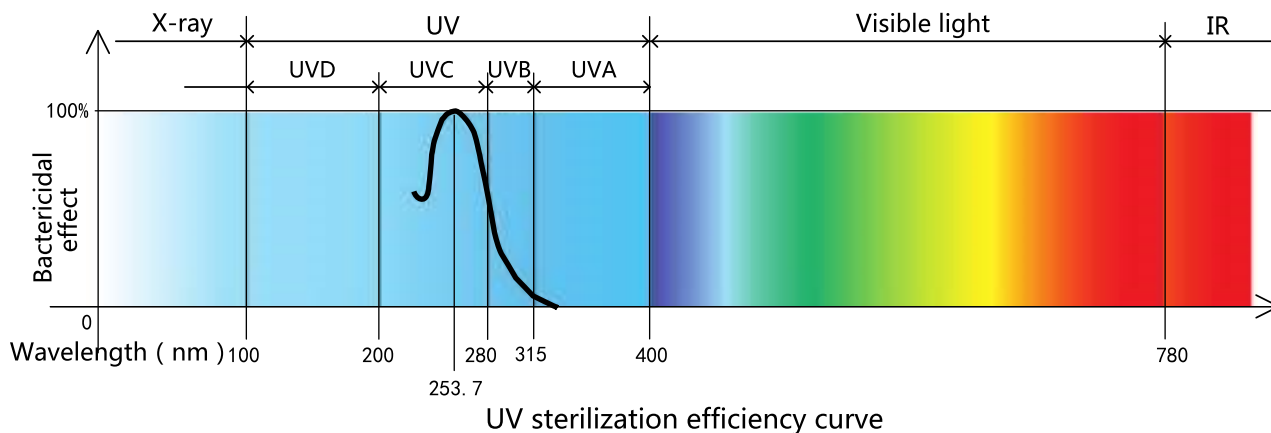
Warning

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The packing film might cause suffocation of the baby. Please dispose it properly.



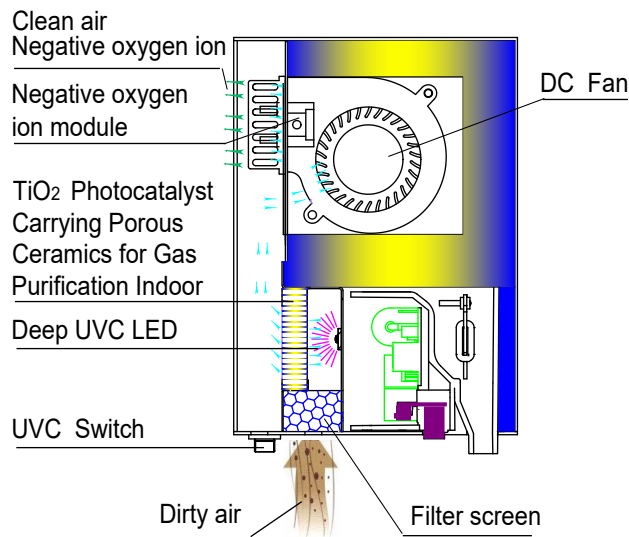
- Environmental Protection Waste electrical products should not be disposed of with household waste. Check with your Local Authority or retailer for recycling advice.
Always dispose of used packaging materials. Recycle where facilities exist.

The principle,feature of UV

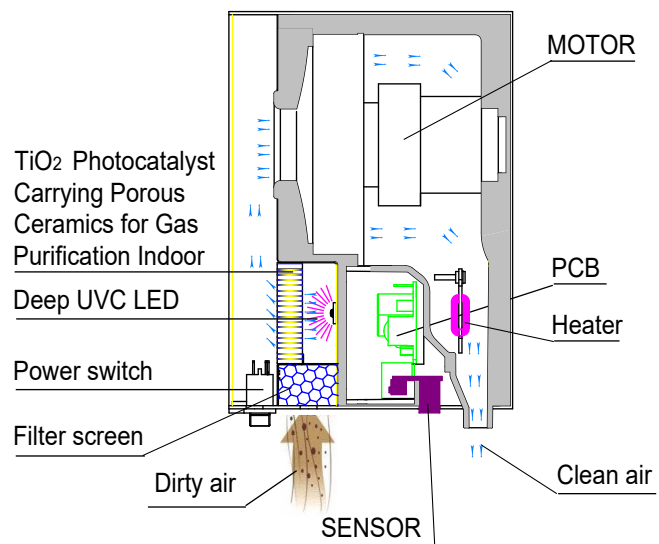


How to use and protect

Disinfect air passage



Dry hand air passage



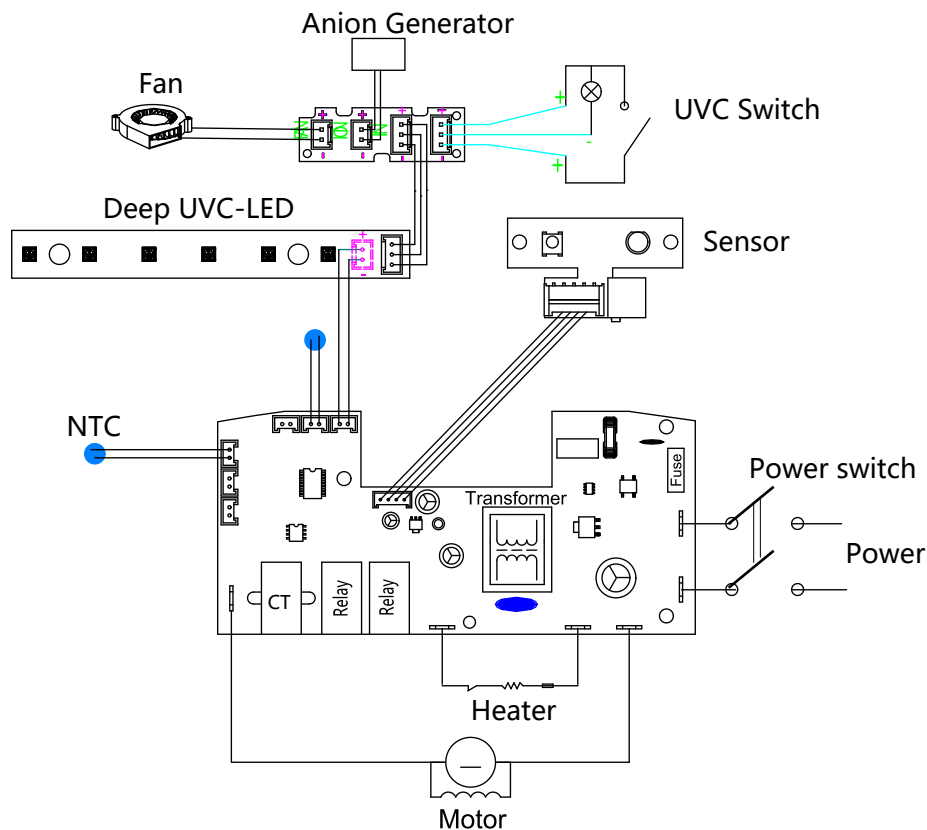
- Deep UVC LED, capable of rapid disinfection
- When the machine start, the disinfect air blower will start automatically.
- When ultraviolet radiation is applied to TiO₂ photocatalyst filters, a photoelectric reaction is generated, which decomposes the microorganisms and organic matter in the inhaled air into CO₂ and H₂O, achieving disinfection and deodorization. The DC fan will discharge disinfected air and negative oxygen ions into the surrounding environment, adsorb fine dust (FM<100) in the air, and settle it to the ground. Negative oxygen ions have antibacterial properties, making the air cleaner and fresher
- After the hands are dry, the disinfection After hand drying, the disinfection work will last for 2-4 hours, and the machine and surrounding environment will become clean and hygienic to avoid cross infection
- The air blower for disinfect life runs up to about 50 thousand hours.
- protection plate can effectively prevent the leakage of the UV, it's less < 1μ W/cm² and SGS certified.
- The whole machine made of ultraviolet-proof material, it can be avoid aging.
- The inner wall of the shell has UV photocatalysis coating, it has better odor-removal and antimicrobial effects.

Fault Solution

If the following situation occurs, please follow the guidance to inspect and settle

Situation	Inspect	Settlement
Hands in but without airflow	• Check whether the power is cut or not • The hands are too close or too far • Check whether the switch is at on position (if the machine has the switch)	• Power On • Reach out the hands 3-12cm below the air outlet. • Settle the power switch in the on position
The machine runs and stops automatically after connected to the power.	• Check whether there are objects or dirt on sensor.	• Cut off the power and clean the sensor.
No warm air	• Check whether ambient temperature is over high.	• The heater works when the temperature is lower than $25\pm 2^{\circ}\text{C}$
Low air speed	• Check whether the filter is too dirty.	• Clear or change the filter
No disinfect	• Whether the disinfection switch is set to ON	• Set the disinfection switch to ON
If the machine can't be recovered after the above inspection and settlement, please cut off the power and have it repaired by your distributor.		

Electric Diagrams



1

Major parts	Maintenance period	Approach	Introductions
DEEP UVC -LED	2 years	Replace	If some place with large volume of passenger traffic or complicated environment, to replace the UV light in short time.
Photocatalysis screen plate	Every day	Clean	The effect is lost if the dust cover it.
Shell	Every day	Clean	Keep the shell clean and beauty.
Sensor	Every day	Clean	Keep it operating properly

Clean the unit body



WARNING

- Before you clean the unit, turn off the power switch



Caution

- Wear gloves when cleaning.

2

- Clean the unit with a soft cloth.
If the unit gets very dirty, clean with a soft cloth dampened with neutral agent, then clean with a dry soft cloth.
- Before remove the dirt from the sensor, turn off the power switch.
 - Please clean the shell used special neutral cleaner.
 - Do not use thinner, acidic or alkaline toilet cleaners, or nylon brush. Otherwise, they may damage the smoothness of surface.
 - Only use the 75% alcohol to clean the shell surface.
 - If the chemical cloths used, please read their instructions first.

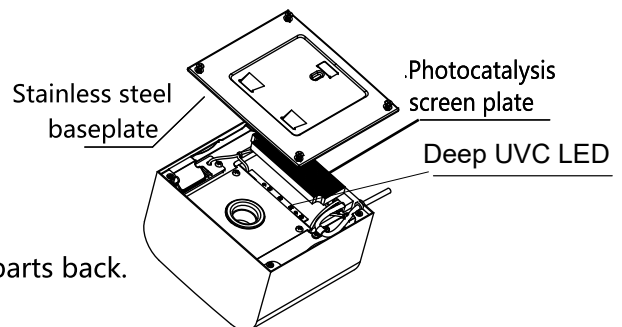


NOTE

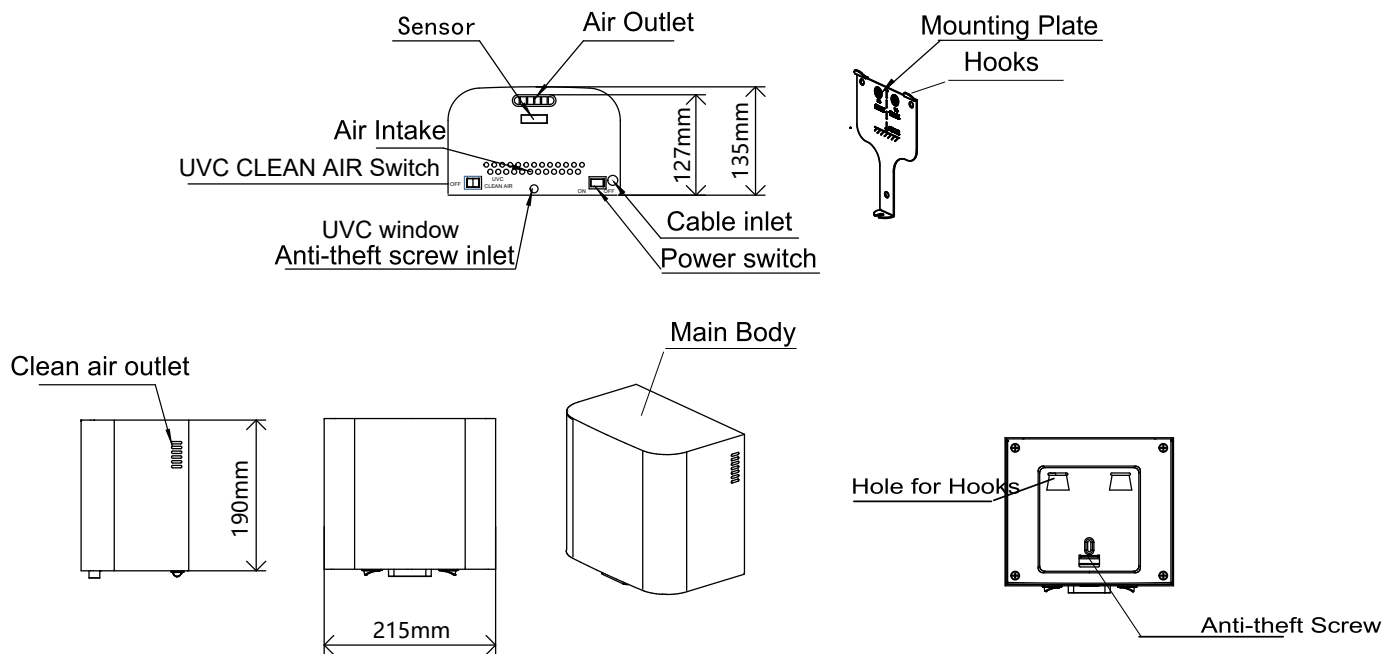
Replace the Deep UVC LED & clean the filter

3

- Turn off the power switch, refer to the "installation method" to open the baseplate.
- Replace the Deep UVC LED
- Remove the protection plate, take out the Photocatalysis screen plate
- blow the dust off the filter with pressure gun
- Refer to the "installation method" to put all parts back.



Parts description, Safety precautions before installation



▲ Installation Notices

- Do not install when power is on
- Choose a place with sufficient strength
Otherwise the machine might fall down and cause injury

■ Do not install at the following places

- Lower than -10°C or higher than 40°C
- Places directly exposed to water
- Places exposed to direct strong sunlight.

■ About Installation Location

- The bottom of the machine should be at least 200mm higher than any surface or objects
Otherwise the machine might work automatically
- Please avoid installing at the place where easy to bump into people or doors

- Install by the professionals
- Wear protective gloves when installing
Otherwise it might cause injury

- Places prone to condensation
- Places with corrosive, oxidizing and reducing gases
- Places beyond altitude of 0-3000m

- Better not have mirrors or walls on both sides of the machine
Otherwise the water will be spattered on the mirror or wall
- Please install the machine on the plain wall

Wall Treatment

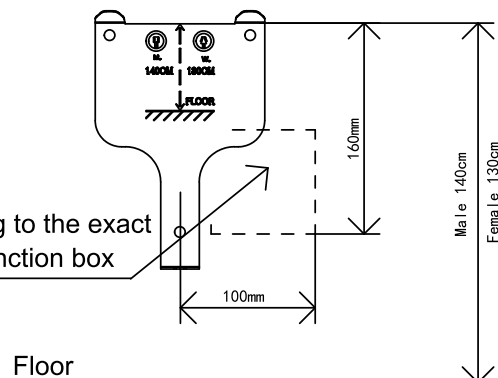
1. Stick the mounting plate on the wall and keep the upper side paralleled with the floor
- Drill 3 holes with 6mm Diameter and 35-40mm depth
- For hardwiring
Open a square hole according to the right chart and put a junction box inside
If there is no junction box, the cable would be out of the machine and it can't be installed



Warning

Junction box can't be beyond the outline of the machine
Otherwise it will affect the appearance

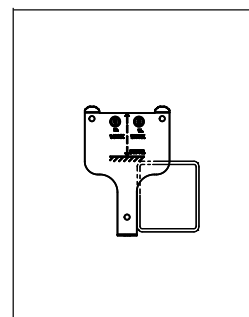
According to the exact size of junction box



2

Fix the mounting plate

- Put the junction box into the square hole and insert plastic expansions into 6mm holes
 - Fix the plate on the wall by three stainless steel screws.
- Notice: the mounting plate will be partially pressed to the junction box (for non-hardwire installation, no junction box)



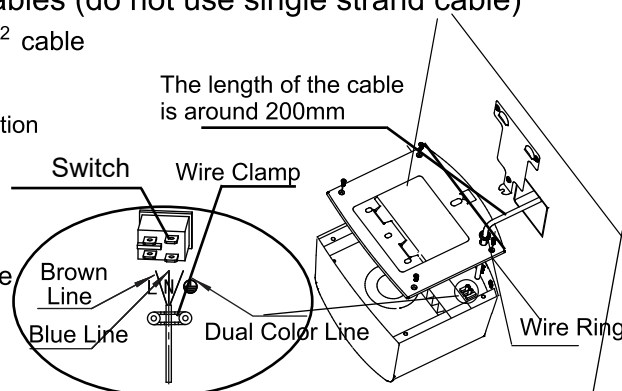
3

- Please use rated single-phase AC(not beyond $\pm 10\%$ of the rated voltage).
 - Please use 1.5-2.0mm² multi-stranded cables (do not use single strand cable)
- If the cable is longer than 5m, please use 2.0mm² cable

Cable Connection

Note: Skip this process for non-hardware wire installation

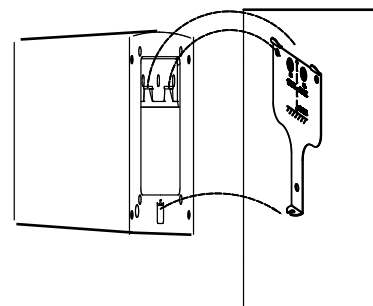
- Identify lines: Brown for phase line, Blue for null line and dual color for ground line.
- Loosen four screws and open the baseplate
- Lead the wire into the machine from the entrance of the base plate and connect to the Switch
- Brown line connect to L end, blue line to N end and dual color
- Press the lines tightly with wire clamp and fix the base plate.



4

Install The Machine

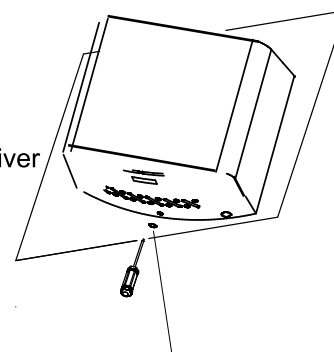
- Take the machine close to the wall and put the extra wires into the junction box
- Note: Skip this process for non-hardware wire installation
- Align two holes on the back of the machine with two hooks of the mounting plate and move it up and down several times. After confirming that the two hooks of the mounting plate have completely fixed in the holes, release your hands.



5

Install Anti-theft Screw

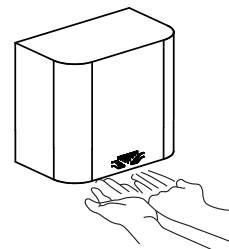
- Remove the UVC window
 - There is an anti-theft screw inside the machine already
- Tighten the head of the anti-theft screw with a 5mm Phillips screwdriver
- Notice: while tightening the screws, press the machine to the wall by hand, so that the back of the machine is close to the wall



1

Test

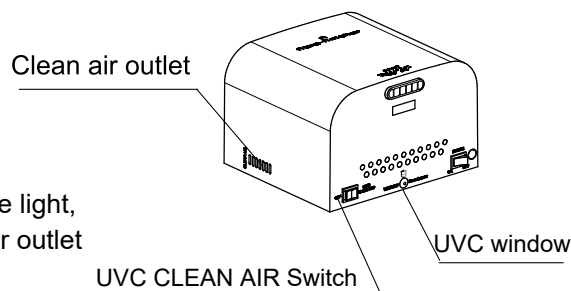
- Check whether the machine is installed firmly
- Check the voltage
- Check whether the power is on
- Check whether the power switch is at on position (Check whether the model has the switch)
- Reach out wet hand 5-10cm from the bottom and the machine will blow strong airflow drying the hand



2

UVC sterilization

- Place the switch in [UVC CLEAN AIR]
- Start the hand dryer
- You will see the UVC window emitting a purple light,
- While there is wind blowing out at the clean air outlet

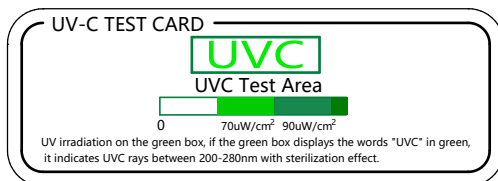


3

UVC inspection

- Remove the UVC window
- Place the switch in [UVC CLEAN AIR]
- After activating the hand dryer, immediately leave the hand dryer with both hands
- Place the green box of the UVC test card 2-3 cm below the UVC window,
- UV irradiation on the green box, if the green box displays the words "UVC" in green, it indicates UVC rays between 200-280nm with sterilization effect.

UVC Test Card



When testing UVC, it is necessary to wear UV resistant glasses and necessary protection to avoid skin exposure to UV rays



WARNING
UVC LIGHT.
Do not look
directly at light.



The Machine.....1PC
Mounting Plate.....1PC
Install Screws.....3PCS
Plastic Expansion.....3PCS
Manual Instruction.....1PC