

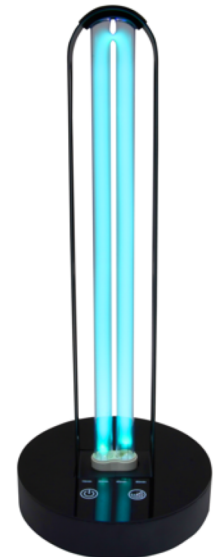
# UV CLEAN

DISINFECTION LIGHTS

As the global pandemic continues to cause unprecedented disruption to businesses, particularly within the hospitality and tourism sectors, we know that once the world opens up again, it will take time for businesses and markets to recover.

For some time, people will have a level of uncertainty and fear associated with international travel and it will be of high importance for businesses to instill confidence and adopt further measures to reassure customers' safety.

UVC disinfection is a simple, efficient, economical and environmentally friendly way to create safe and clean rooms and environments for guests and staff, teachers and students, chefs and waiting staff, healthcare professionals and patients, employees and customers.



# UV CLEAN

DISINFECTION LIGHTS

Our certified UVC disinfection lamps offer effective, safe and environmentally friendly 360° disinfection and sterilizing of bacteria, virus, mites and bad smell. UVC sterilization has been used by hospitals and laboratories for many years and our high-quality, durable UVC lamps are now available for commercial applications, including:

Hotels & Resorts  
Spa & Health  
Schools  
Offices  
Public Facilities  
Factories

Sports Facilities/Changing Rooms  
Restaurants/Cafe  
Retail Shops  
Hospitals/Clinics  
Household  
Showrooms

The germicidal properties of the UVC light in our portable lamps enable users to effectively eliminate 99.99% of bacteria and viruses and 100% of mites within the operational area for the lamp. We are introducing two types of bulbs (38W or 55W) as well as two options for Ozone and Ozone Free sterilization. The 38W UVC bulb disinfects rooms up to 30 sq. m with a 3 m radius and the 55W UVC bulb up to 50 sq. m with a 4 meter radius.

UVC light is dangerous for humans and pets in pro-longed direct contact and it is important that rooms are clear during disinfection. Therefore, our UVC lamps are equipped with remote control and/or motion sensor auto-stop for protection. After the disinfection is complete, the sterilized room is safe to enter.

**Kill COVID-19 virus Effectively**

## UVC Disinfection Table Lamp

Sterilization  
Disinfection  
Virus  
Mites Removal



# HOW DOES IT WORK?

Ultraviolet(UV) light is a component of the electromagnetic spectrum that falls in the region between visible light and X-rays. This invisible radiation includes the wavelength range of 100-400 nm. UVC light covers the spectrum between 200 nm and 280 nm. Because of the spectral sensitivity of DNA, only the UVC region demonstrates significant germicidal properties.

UVC disinfection is used throughout the world in hospitals, laboratories and many other applications to effectively sterilise environments and kill **bacteria, virus, mites, allergens and mold.**

1. Make sure that the room is clear of humans, pets and plants.
2. Place the UVC lamp in the centre of the room and at a height where it optimises its 360° reach.
3. Turn on the UVC lamp and select the disinfection time 15/30/45/60 min. The lamp has a 10 second delay to allow the operator to leave the room.
4. After disinfection is complete, it is safe to enter the room.
5. Ventilate the room for up to 15 min to remove any odor left in the room.

**IMPORTANT.** Do not look directly at the UVC light. Absorbing too much ultraviolet light can cause skin irritation or conjunctival damage.

## UVC Light & Ozone Double Clean

UVC for 15mins > 6H of sun exposure

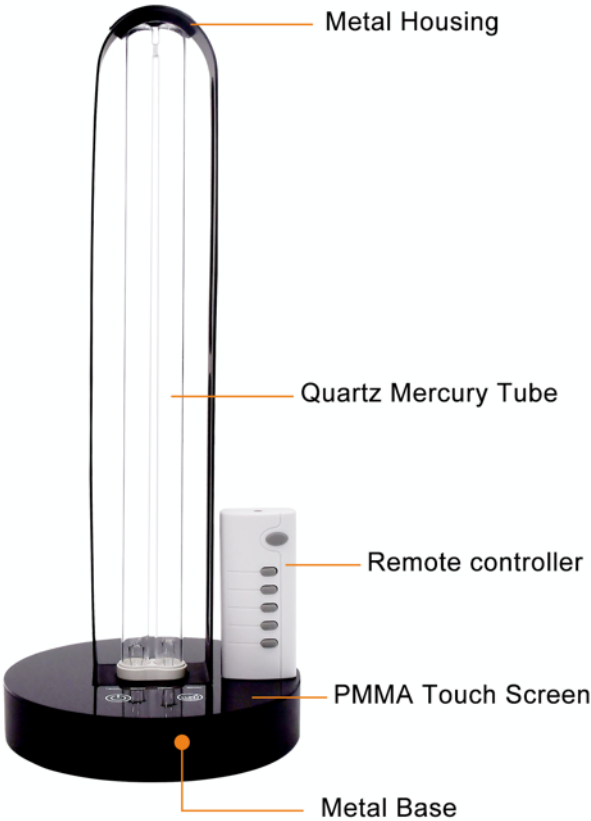
99.9% kill bacteria

100% kill mites

360°disinfection



# PRODUCT SPECIFICATIONS

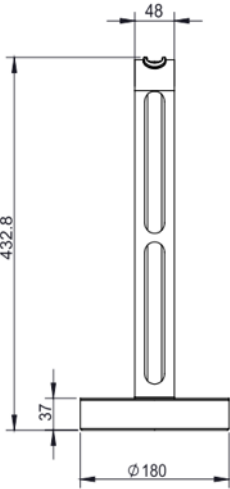


## Typical Technical Parameters:

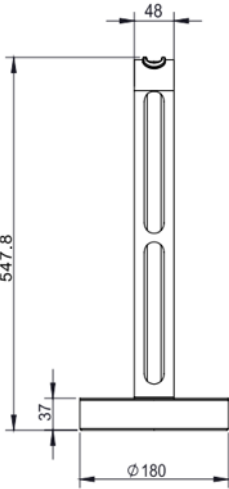
Model	Voltage	UV Wavelength	Power	CRI	Beam Angle
RUV-38	AC220-240V	185nm /254nm (Ozone / Ozone Free)	38W	10.5	360°
RUV-55	AC220-240V	185nm /254nm (Ozone / Ozone Free)	55W	10.5	360°

V. Area and Time

Area	Power	Disinfect Time	Ventilation Time	
			Ozone free	Ozone
10m²	38W	15min	15min	20min
20m²	38W	30min	15min	20min
30m²	38W	45min	20min	30min
40m²	38W	60min	20min	30min
20m²	55W	15min	15min	20min
30m²	55W	30min	15min	20min
40m²	55W	45min	20min	30min
50m²	55W	60min	20min	30min



Model: RUV38



Model: RUV55







# OZONE vs. OZONE FREE

## OZONE

- ✓ **Bulb** – UVC + O<sub>3</sub> (Ozone)
- ✓ **UV Wavelength** - 185 nm
- ✓ **Function** - Sterilization + odor removal
- ✓ **Advantage** – Deep disinfection and wider reach due to ozone effect and removes bad smell in the room.
- ✓ **Disadvantage** – Ozone cleaning leaves a smell in the room which needs to be ventilated thoroughly.

## OZONE FREE

- ✓ **Bulb** – UVC
- ✓ **UV Wavelength** - 254 nm
- ✓ **Function** - Sterilization
- ✓ **Advantage** – Effective sterilization and does not leave a noticeable Ozone smell. Shorter ventilation time.
- ✓ **Disadvantage** – Does not remove any bad smell from the room and does not reach as far as Ozone Clean.

**With Ozone, Good Sterilization Effect**  
(UVC+Ozone, double clean, eliminate every deep corner)

### Ozone UVC lamp

Ozone has the functions of sterilization and elimination the formaldehyde odor. It can spread throughout the room without being affected by obstructions.

#### Application:

washroom, kitchen, pet house etc.  
If you go out for couple hours, you can try ozone disinfection more thoroughly.

VS

### Ozone Free UVC lamp

Ultraviolet rays are emitted in a straight line. If the ultraviolet rays are blocked by too many objects, the rays might not reach some deep corner.

#### Application

For living room, bedroom, or those places where pregnant women/children/older man live, it's recommended to use ozone-free disinfection.



# PRODUCT MODELS

## **RUV-38 185 nm OZONE**

Power: 38W

Radius range: 3 meters

Disinfection area: up to 40 sq. m at 60 min

Disinfection angle: 360°

Operation: Touch Scree + Remote Control

## **RUV-38 254 nm OZONE FREE**

Power: 38W

Radius range: 3 meters

Disinfection area: up to 40 sq. m at 60 min

Disinfection angle: 360°

Operation: Touch Screen + Remote Control

## **RUV-55 185 nm OZONE**

Power: 55W

Radius range: 4 meters

Disinfection area: up to 50 sq. m at 60 min

Disinfection angle: 360°

Operation: Touch screen + Motion Sensor Auto-Stop

## **RUV-55 254 nm OZONE FREE**

Power: 55W

Radius range: 4 meters

Disinfection area: up to 50 sq. m at 60 min

Disinfection angle: 360°

Operation: Touch Screen + Motion Sensor Auto-Stop

## SAFETY & PERFORMANCE

It is IMPORTANT to not expose humans or pets to prolonged direct UVC light. Rooms should be clear of humans and pets during the duration of the disinfection. Our 55W models is equipped with motion sensor auto-stop technology and our 38W provides added safety through remote control operation. Once the disinfection is complete and the UVC lamp has turned off, it is safe to enter the room and handle the equipment.

Our commercial grade UVC light bulbs are made for frequent use and last up to 8,000 hrs. It is very quick and easy to replace the bulb and most customers keep a small stock of bulbs.

## WARRANTY

The base comes with a two years manufacturer warranty, which does not extend to include the UVC bulb.

To keep the lamp operating at full disinfection level, please ensure that the bulb gets hot during operation. If the heat level drops, we recommend to replace the bulb.

Always ventilate the area for up to 15 min after disinfection to remove any smell left from the UVC light.

*360° motion sensor auto-stop for more safety and protection for our loved ones.*



