

OPTILED®



REAL CLEAN

UVC AIR SANITIZER

日本のデザイン
Designed in Japan



The world is still experiencing a Covid-19 outbreak. Viral infections are everywhere these days, as we are learning to live with the virus. Thus, sustained regular sanitization and disinfection are becoming the norm today within city infrastructures and residential and commercial applications in the post-Covid-19 world.

Proven Disinfection with **3X High-Power UV-C Lamps**



1-Second virus terminator

Powerful 6000 μ W/cm² UV-C radiation eliminates viruses in just one second



High UV-C reflection for effective sanitization

Hexagonal design with high reflective internal material that boosts the efficiency of sanitization



Quick sanitization

Sterilizes up to 380ft² in one hour



Safety design

Built-in safety switch to turn off the UV-C light in case of incomplete installation, avoiding UV-C leakage



Maximize sanitization efficiency

Adjustable fan speed (4-level) to accommodate different environments



Saves energy

The 4-Level timer allows setting up the sanitizing duration, and turn off automatically after sanitization complete



Robust & durable

The UV-resistant metal enclosure makes this more durable than UV-C devices with a plastic case



Low maintenance cost

REALCLEAN can save up to 15% of annual maintenance costs compared with air purifiers that require frequent filter changes



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○ Model No.
OPCL-GL15X3-(W)

● Model No.
OPCL-GL15X3-(B)



UNIQUE 3D VENTILATION DESIGN

INSTANT CLEAN AIR AT YOUR COMMAND

DURABLE to Use 2-year product warranty#, 8,000 hours lifetime for the UV-C lamps

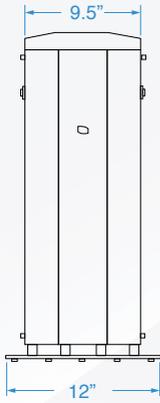
EASY to Maintain Effective air disinfection without complicated filter systems, cleaning is easy

LOW running cost For 12-hour daily usage, operating electricity cost is only 87.8 cents per day
-Calculation based on HK CLP's tariff table, $103.1 \text{ cents} \times 55\text{W} \times 12 \text{ hours} / 1000 = 87.8 \text{ cents}$



SPECIFICATION

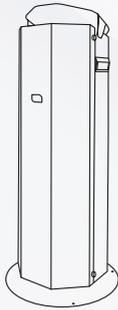
Front View



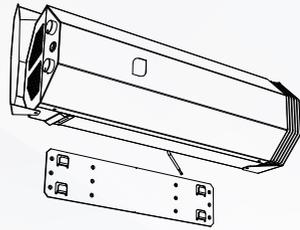
Side View



Floor-Stand



Wall mount available



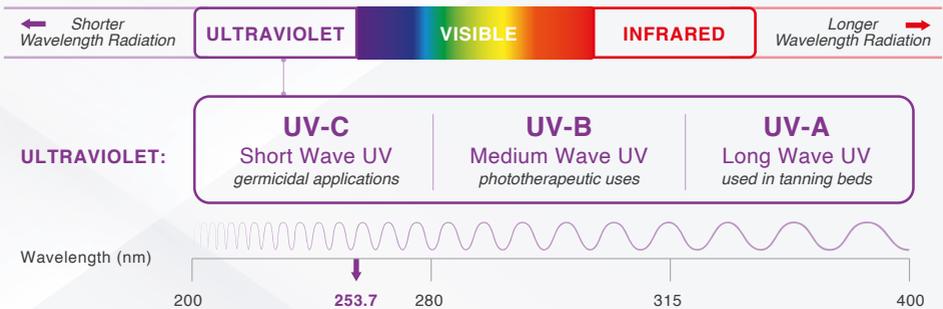
Model	OPCL-GL15X3-(B)(W)	Weight	10.6Kg
Color	(B): Black / (W): White	Operating Temperature	5°C~40°C
Compatible Lamp	GL15	Usable Location	Indoor Use
Input AC Voltage	200-240V	Radiation Type	UV-C 253.7nm, ozone free
Input Power	55W	Sanitizing area*	380 ft ² in 1 hour
Frequency	50/60Hz	<i>*based on 8 ft ceiling height</i>	

PROVEN AND EFFECTIVE DISINFECTION

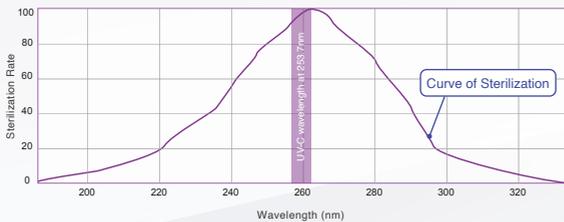
3X High-Power UV-C Lamps

Three 253.7nm UV-C lamps provide 14.7W of radiant UV-C output, which can effectively break down the DNA and RNA of airborne pathogens, stopping them from reproducing and multiplying. It is proven to disinfect viruses, bacteria, fungi and mold spores quickly and effectively.

POWERFUL UV-C RADIATION NATURAL & EFFECTIVE STERILIZATION



Ultraviolet (UV) radiation is optical radiation with wavelengths shorter than visible light; and is present in sunlight. It can be divided into 3 functional categories: UV-A, UV-B and UV-C, as shown below. Germicidal UV disinfection uses energy from the short wavelength UV radiation to kill bacteria, fungi, mold spores and to inactivate viruses. UV-C radiation is more effective for sanitizing applications than UV-B and UV-A. The sterilization curve pictured above shows the germicidal effectiveness of different UV wavelengths, the peak is very near to the 253.7 nm wavelength present in the UV-C light sources inside the REALCLEAN.



UV-C radiation has been used in healthcare applications to disinfect bacteria and other pathogens for decades. More recently, UV-C has been shown to inactivate SARS-Coronavirus particles by damaging important particle structures so the virus cannot reproduce or multiply. Airborne particles are exposed to the disinfecting UV-C light as air is circulated through the REALCLEAN.



APPLICATION AREA

REALCLEAN Air Sanitizer incorporates 3X high-power UVC lamps which neutralize micro-organisms, reducing the risk of contracting or spreading viruses and bacteria in a wide range of applications.

Home

Keep a healthy family, and make our home a virus-free, safe and comfy place to stay

School

Lower the impact of respiratory disease due to long hours in a closed area

Office

Protect the staff from the spread of communicable diseases

Hotel

Disinfect guest rooms, reception areas and club house facilities to maintain a safe environment

Retails & Malls

Ensure a virus-free and safe environment for shopper

Restaurants

Minimize the risk of spreading of communicable diseases



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