

GOLDENSEA UV

ULTRAVIOLET DISINFECTION LAMP FOR COMMERCIAL ENVIRONMENT

UVL220



VIRUSES AND BACTERIA ARE EVERYWHERE



HOTELS



SCHOOLS



FACTORIES



CLINICS

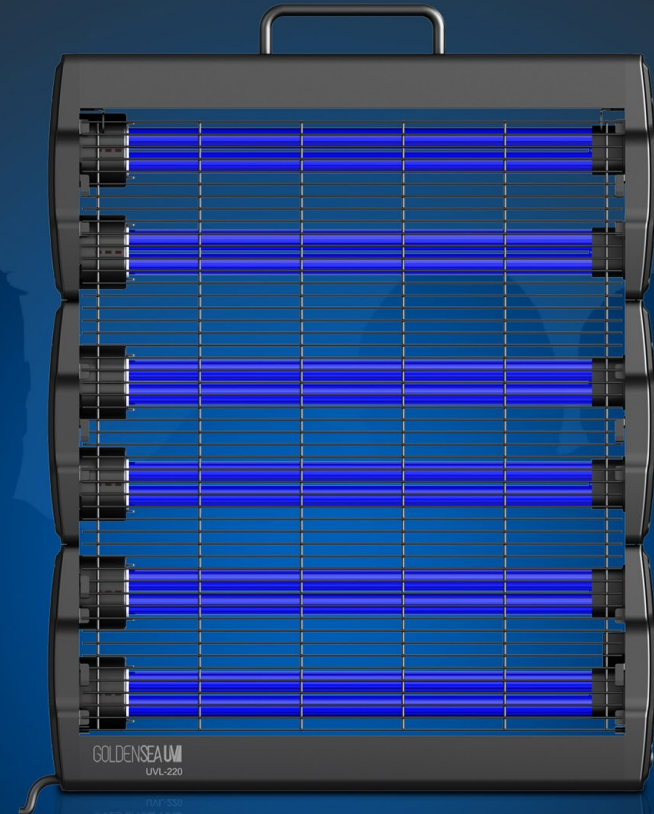
Hotels, schools, studios, theaters, gymnasia, factories, workshops and clinics can be hotbeds of bacteria and viruses, which cannot be recognized by the naked eye. These are potential health threats!

ULTRAVIOLET LIGHT DISINFECTION IS A BETTER METHOD

Compared with familiar disinfection methods using liquid and powder based disinfectants, ultraviolet disinfection lamps are widely used, extremely efficient and more convenient to operate. UV light does not only disinfect surfaces, air and water, but also eliminates mildew and mites.

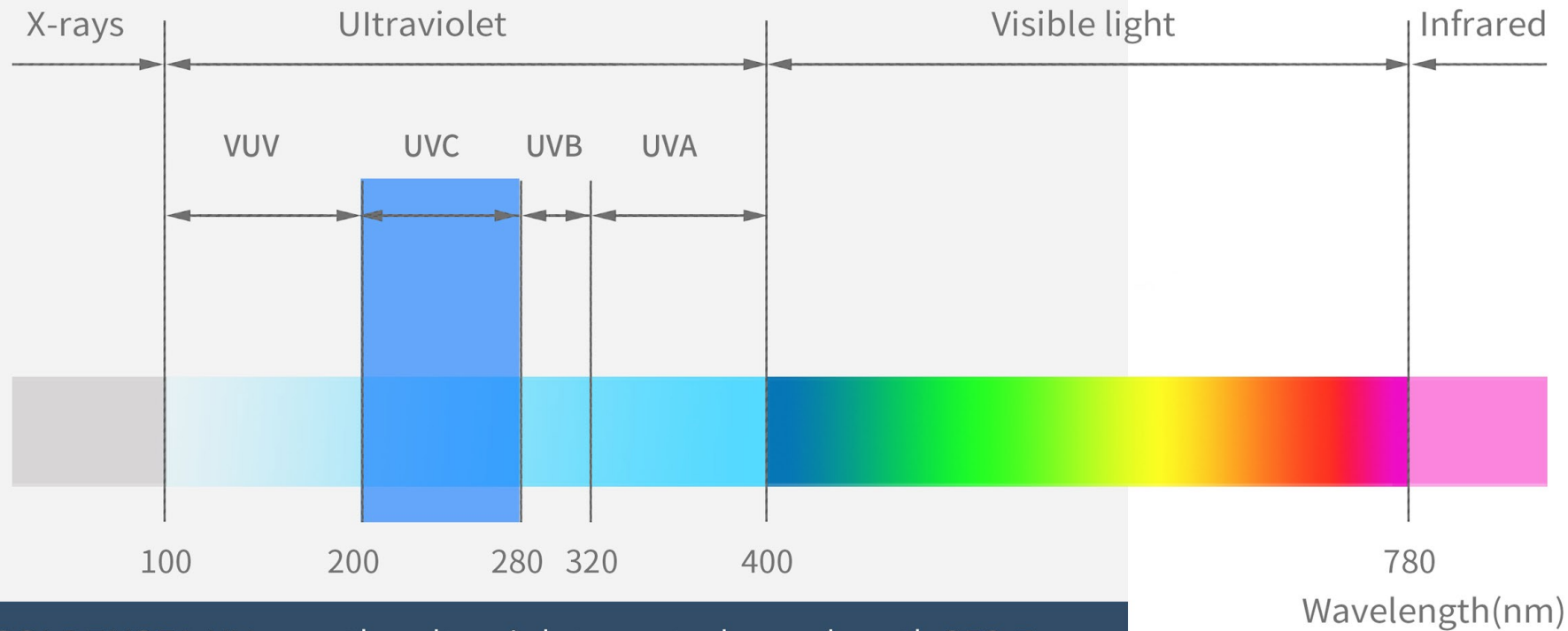
Most of the knowledge about the physical and chemical properties of coronavirus comes from the research on SARS-CoV and MERS-CoV. The virus is sensitive to ultraviolet and heat.

---Excerpt from Diagnosis and Treatment Protocol for Novel Coronavirus Pneumonia (trial version 7), Released by National Health Commission & State Administration of Traditional Chinese Medicine on March 3, 2020



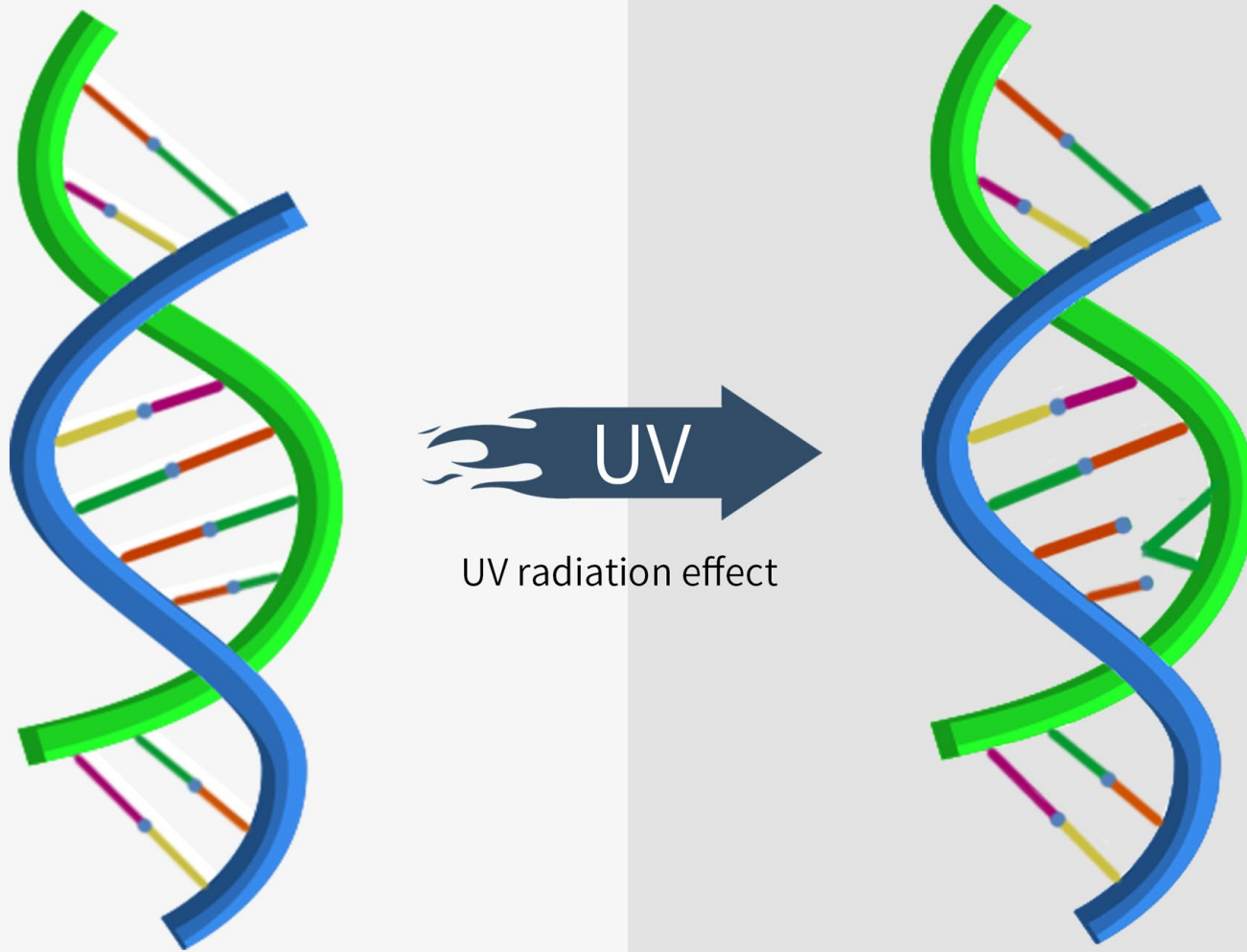
WHAT IS UV AND UVC?

Ultraviolet light is a form of radiation and an invisible part of the electromagnetic spectrum. It has a wavelength between 100nm-380nm. UVC with a wavelength of 200nm-280nm has proved to be the most effective disinfectant wavelength in the UV Spectrum. As we all know UV Light is also found in sunlight.

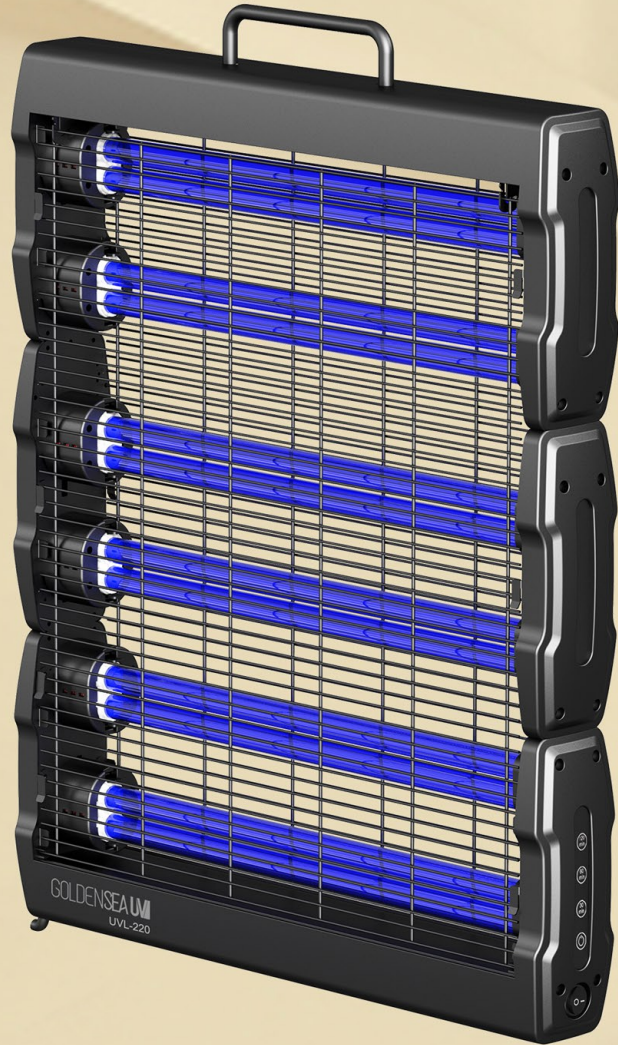


GOLDENSEA UV uses the ultraviolet spectral wavelength 253.7nm. This belongs to the short-wave UVC spectrum and is an efficient and better choice for disinfection!

HOW DOES UVC KILL BACTERIA AND VIRUS?



UVC (in particular 253.7nm) destroys the molecular structure of DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) of microbial (bacteria and virus) cells, causing the death of growth cells and/or regenerative cells, thus achieving the effect of disinfection.



HIGH-POWER DISINFECTION FOR LARGE AREAS

Three timing options

Choose the disinfection time according to the area to be treated. After reaching the set time, the lamp automatically turns off.

30 mins
60m²

60 mins
120m²

120 mins
240m²

DISINFECTION RECOMMENDATION FOR APPLICATION

**WARNING**

Ultraviolet light can cause damage to eyes and skin. All personnel, animals and plants must leave/ be moved from the site during use.

DISINFECTION RATE 99.9%

PROVIDE A SAFE AND CLEAN ENVIRONMENT



广微测
Gmicro Testing

广东省微生物分析检测中心 GUANGDONG DETECTION CENTER OF MICROBIOLOGY 分析检测报告 REPORT FOR ANALYSIS



报告编号 (Report No.) 2020FM03013R01 校验码 (Verification Code): 01862579

样品名称 Name of Sample	飞利浦品牌紫外线灯	检测类型 Test Type	委托检测
委托单位 Applicant	昕诺飞 (中国) 投资有限公司	地址 Address	上海市闵行区田林路 888 弄 9 号楼
样品来源 Sample Source	委托方送检	样品数量 Sample Quantity	2 套
样品规格和批号 Spec and Lot No of Sample	型号: TUV PL-L 36W/4P	样品状态和特性 State and Characteristic	器械
接样日期 Sample Received Date	2020-02-26	检测完成日期 Completion Date	2020-04-14
检测依据和方法 Test Standard and Method	参照《消毒技术规范》2002 年版 2.1.3		
检测项目 Item Tested	空气除病毒效果鉴定试验		
检测结论 Test Conclusion	该样品所检项目的实测数据见本检测报告续页。		
备注 Remarks	生产厂家: 昕诺飞波兰工厂。(由委托方提供)		

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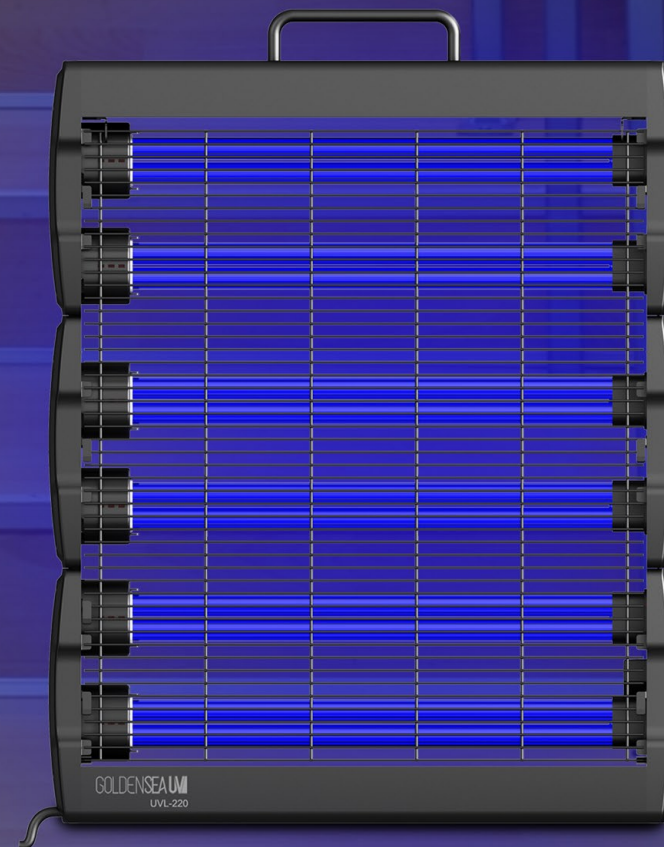
广微测
Gmicro Testing

广东省微生物分析检测中心 GUANGDONG DETECTION CENTER OF MICROBIOLOGY 分析检测结果 ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2020FM03013R01

病毒名称	作用时间	试验序号	空气病毒含量 (TCID ₅₀ /m ³)	杀灭率 (%)
甲型流感病毒 H3N2 宿主名称: MDCK 细胞	0 (CK)	1	2.89×10 ⁶	
		2	2.89×10 ⁶	
		3	2.89×10 ⁶	
	1h	1	<1.15×10 ²	>99.99
		2	<1.15×10 ²	>99.99
		3	<1.15×10 ²	>99.99
注: 去除率试验结果已消除微生物在空气中自然消亡因素的影响。 (以下空白)				
备注 Remarks	样品在 10m ³ 的试验舱内进行实验。			

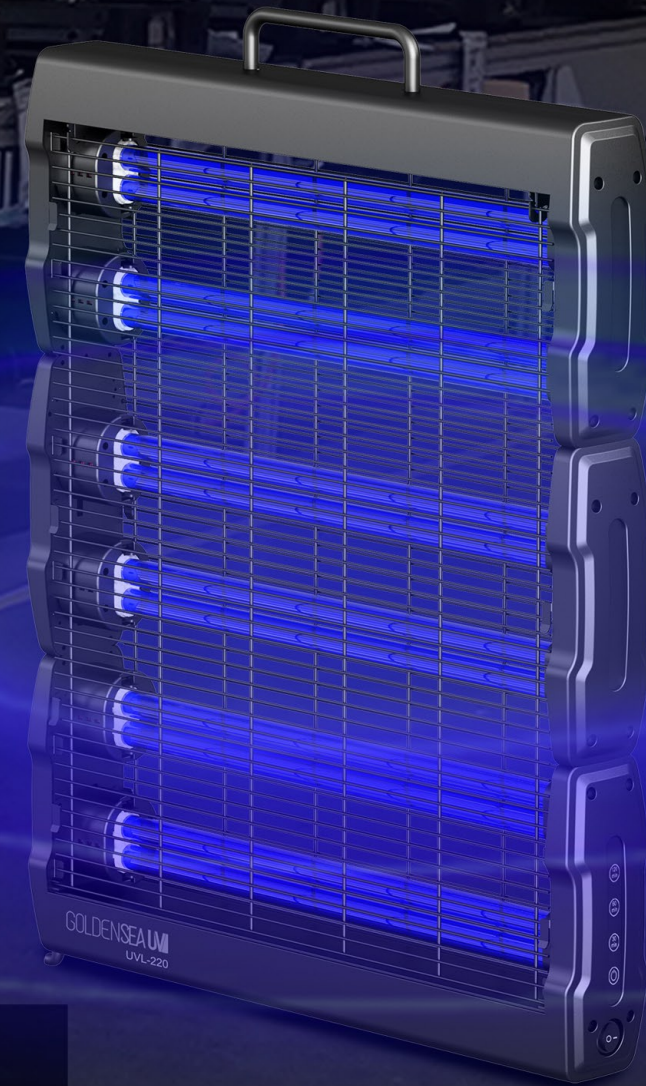
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Results achieved only if used alongside existing routine cleaning and disinfection programs

SAFETY BY DESIGN

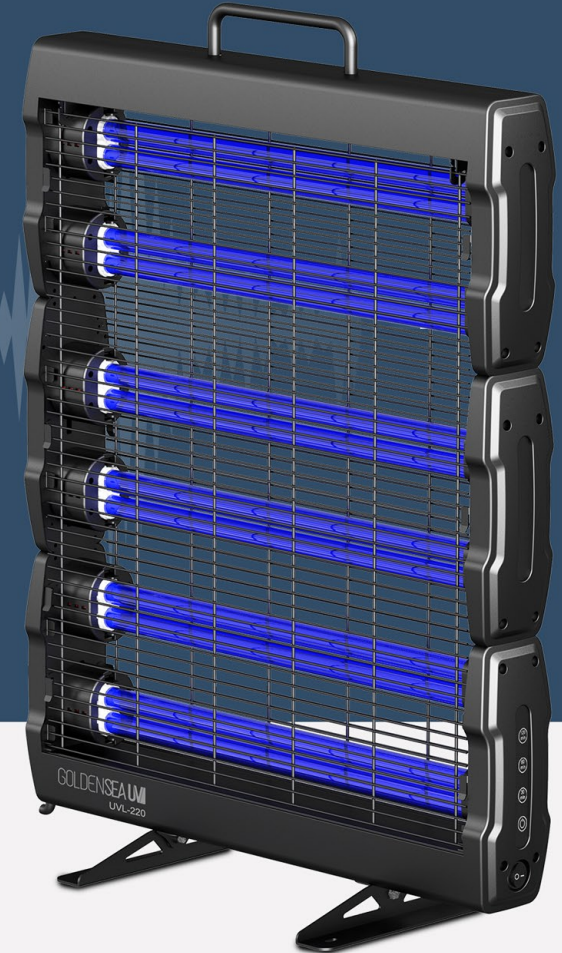
A motion sensor will detect any movement within 5 meters and immediately deactivate the lamp and sound an alarm.



SAFE START- 2 MINUTES DELAYED START WITH AUDIBLE ALARMS



Once the disinfection time is set, the lamp will be turned on after a delay of 2 minutes allowing people and pets to leave the room.

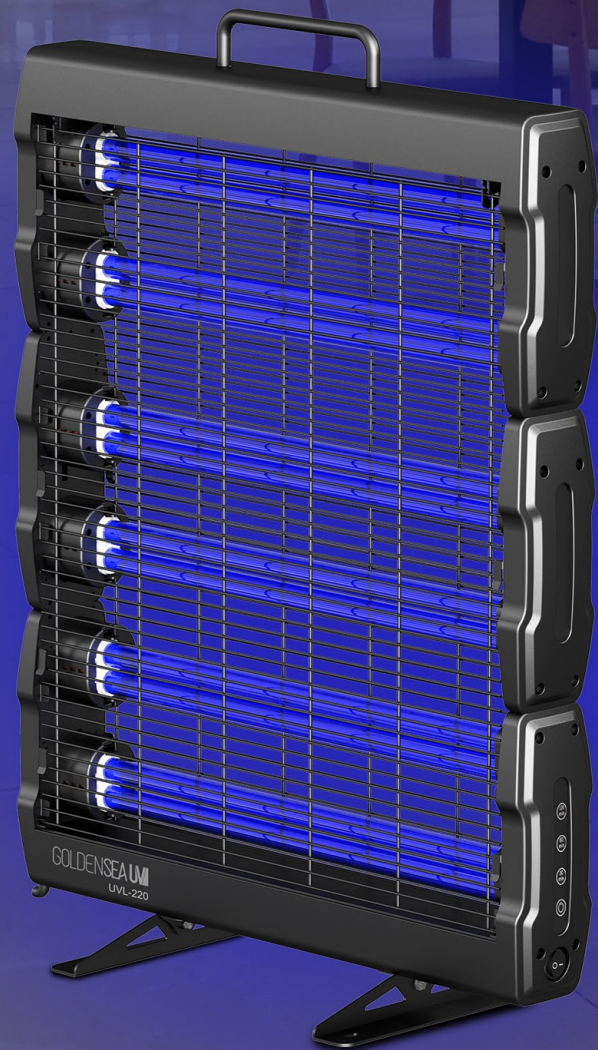


**NO OZONE
SAFE AND HARMLESS
LEAVE NO RESIDUE**

Note: Only when used in accordance with manufacturer instructions



GOLDENSEA UV



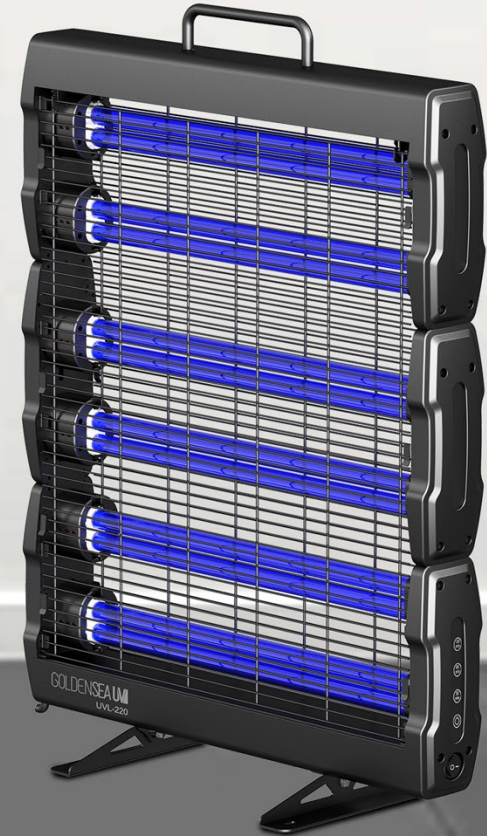
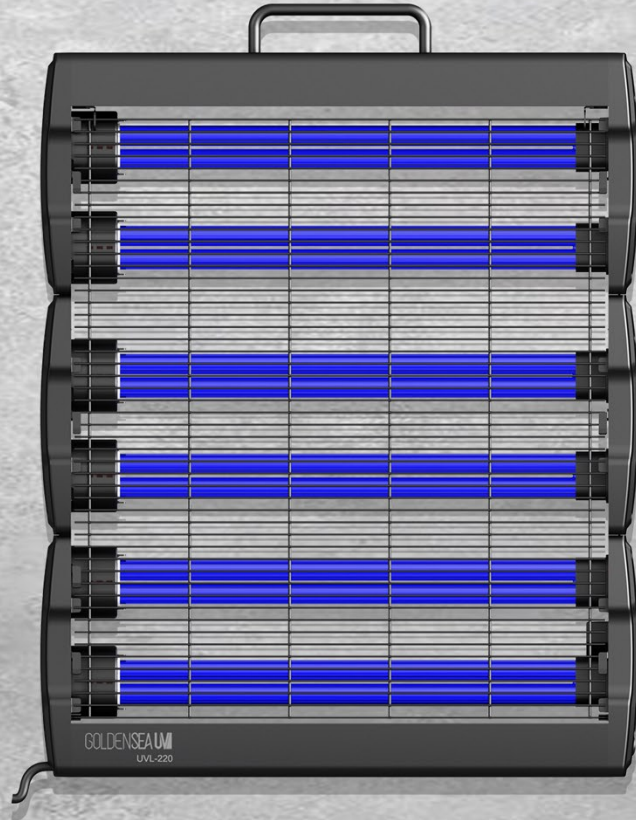
REMOTE CONTROL THROUGH THE WALL





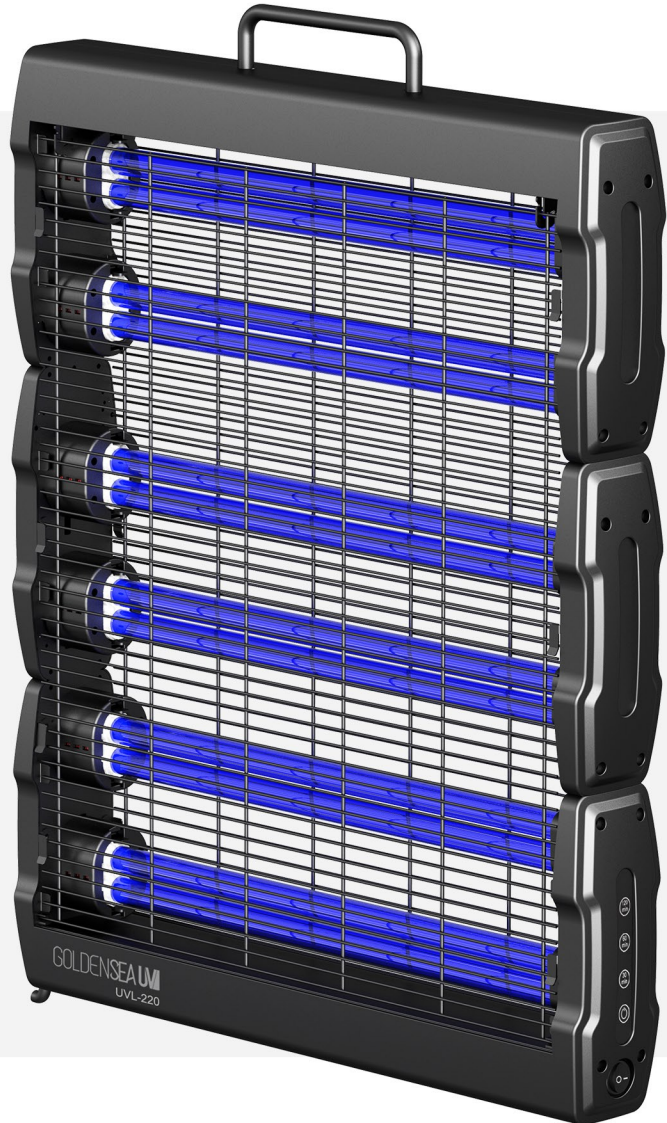
High-impact glass tube,
allows full transmission of ultraviolet light

WALL AND FLOOR MOUNTING



CAN BE PLACED ON A FLAT AND STABLE SURFACE
OR MOUNTED ON A WALL

1. Ultraviolet disinfection lamp products emitting UV-C at 253.7nm must only be used in an environment with no living things present (humans, animals, plants). Ultraviolet light may cause skin redness, itching, peeling, and eye conjunctive damage caused by electro-optical ophthalmitis. Never look directly at the lamp without suitable eye protection when it is powered on and emitting light. It is essential that all people and pets leave the room before the lamp is turned on and only re-enter the room after the lamp has been turned off/ has finished its disinfection cycle.
2. Ultraviolet has a degrading effect on many materials including plastics, paper and cloth. Exposure to irradiation over long periods of time may cause the surface of the irradiated objects to change color and or become more brittle. Never use ultraviolet sterilization lamp products emitting direct irradiation on expensive clothing, ornaments, calligraphy, painting and other valuables.
3. The surface of the lamp tube should be kept clean when using the UV disinfection lamp. It is recommended to clean the lamp tube regularly when not in use (usually every 2 weeks). When cleaning, please use a soft clean cotton cloth with a small amount of alcohol to wipe the lamp tube surface, remove the dust and oil.
4. A side effect of disinfection can be an abnormal smell, similar to that of the sun drying wet bedding, we recommend that spaces are well ventilated for 10-15 minutes following disinfection.
5. UV lamps should be properly protected after disinfection and placed out of reach of children, in a safe place.
6. Impact and strong vibration may cause the lamp tube to break. Should the lamp tube break, immediately turn off the power supply and dispose of the lamp, wearing protective gloves and according to your local toxic and harmful garbage rules. Should a lamp break, immediately open the windows for 10-15 minutes of ventilation;
7. Never disinfect areas with inflammable or explosive items as you may otherwise cause burning or explosion.
8. If the lamp tube needs to be replaced, replace only with the original brand of lamp tube and complete the operation according to the procedures in the user manual.



PRODUCT INFORMATION

Product: GOLDENSEA UV Ultraviolet Disinfection Lamp for commercial environment

Model: UVL220

Light Source Wattage: 36Wx6

Light Source Lifespan: Max. 9000h

Voltage: 100-240V/50-60Hz

Current: 3A

Control: Touch keys + remote control

Material: Aluminum alloy

Function: UV disinfection

Wavelength: 253.7nm

Cable Length: 1.8m

Compliance: CE, ETL, FCC

Application: Clinic, Hotel, Office, School



About GOLDENSEA UV

GOLDENSEA UV is manufactured by industry leading hi-tech lighting design and manufacturer Golden Sea Professional. Our large team of experts ensures quality, safety and performance are of the highest level. All GOLDENSEA UV's products are CE, ETL and FCC compliant and listed.

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