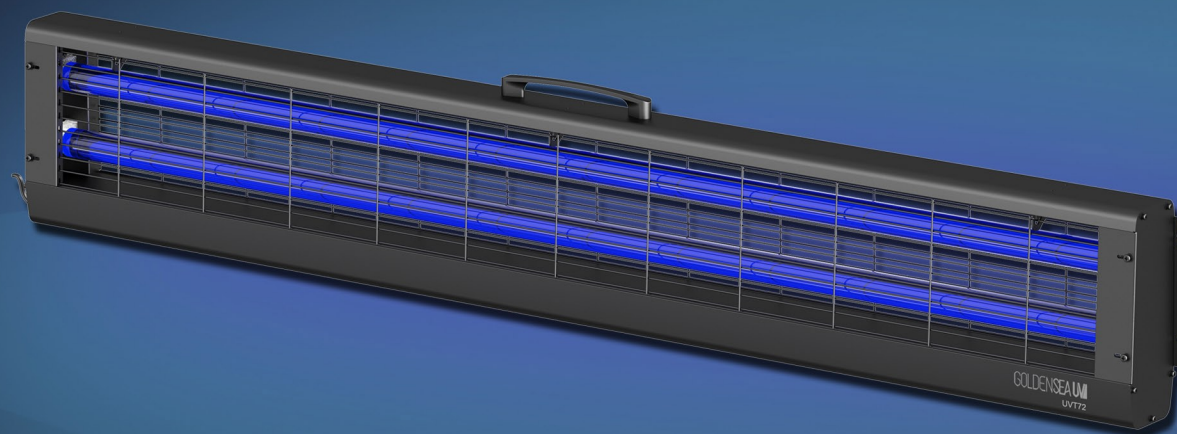


ULTRAVIOLET DISINFECTION LAMP FOR COMMERCIAL ENVIRONMENTS

UVT72



VIRUS AND BACTERIA ARE EVERYWHERE

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



Hotel



School



Studio



Theater

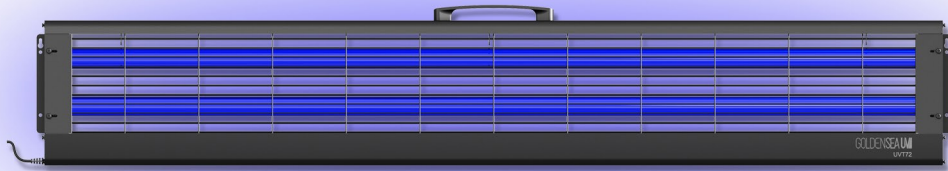


Gymnasium

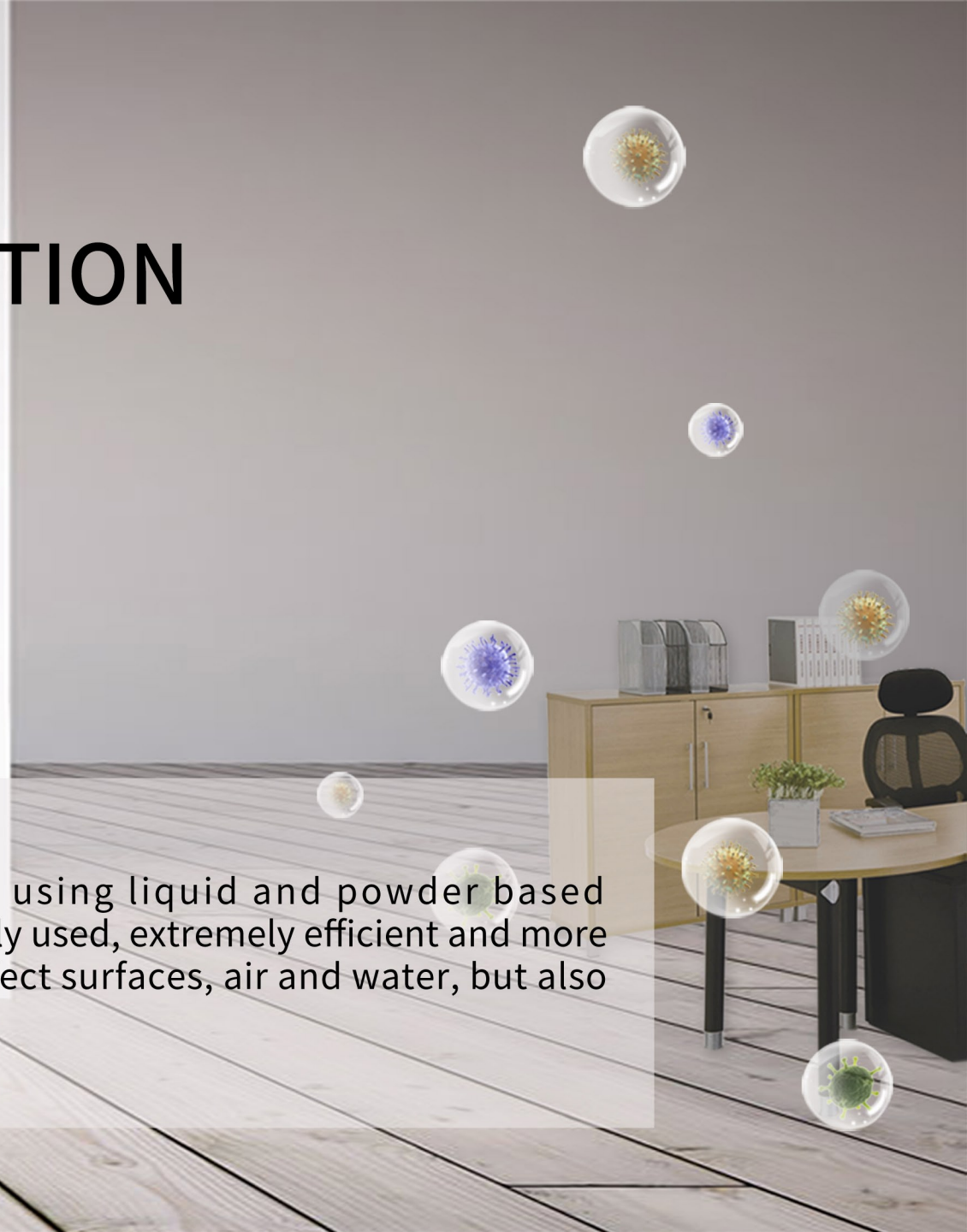


Factory
workshop

ULTRAVIOLET 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.

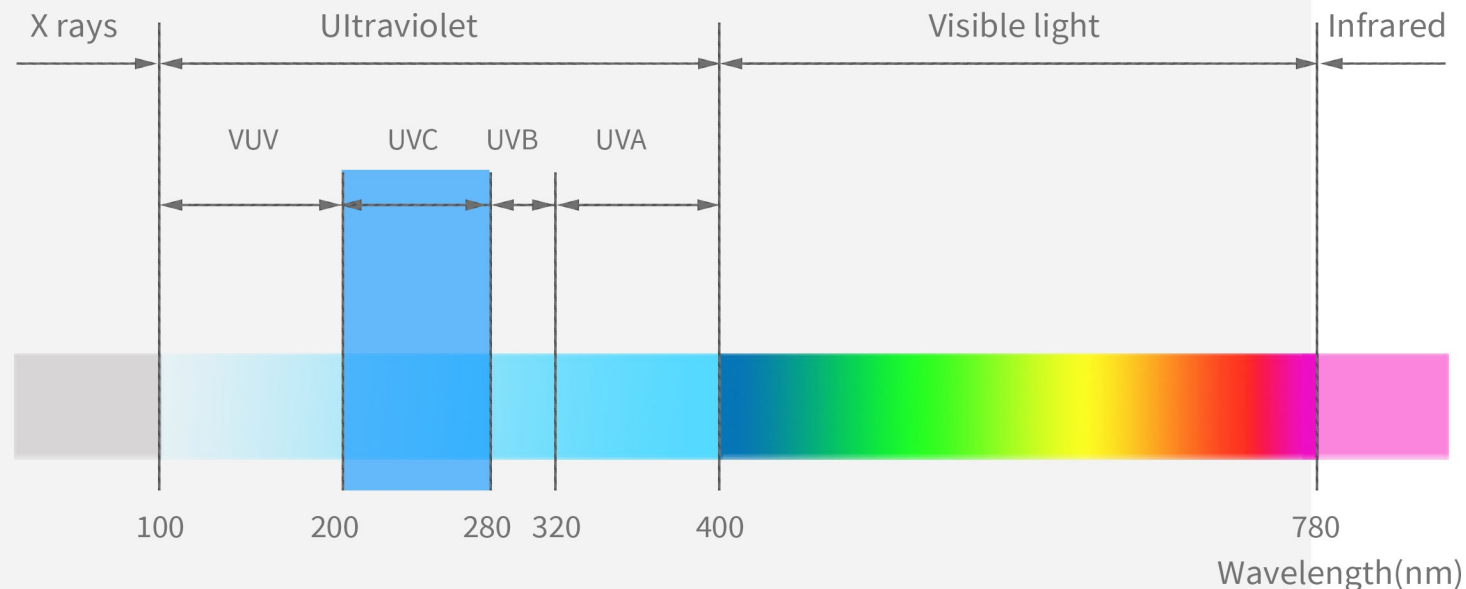


Most of the knowledge about the physical and chemical properties of coronavirus comes from the research on SARS-CoV and MERS-CoV. **The virus is sensitive to ultraviolet** and heat.

—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

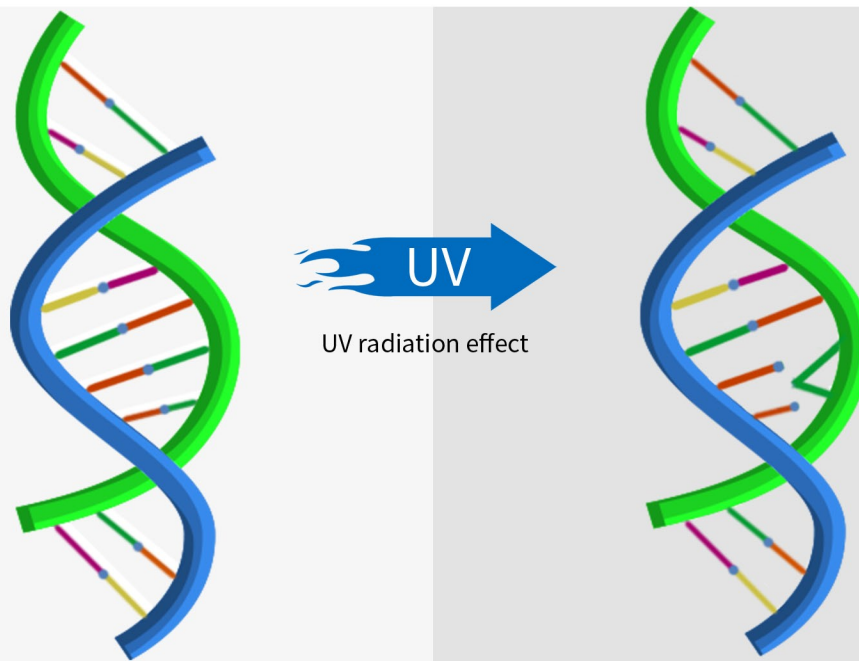
WHAT IS UV AND UVC?

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.

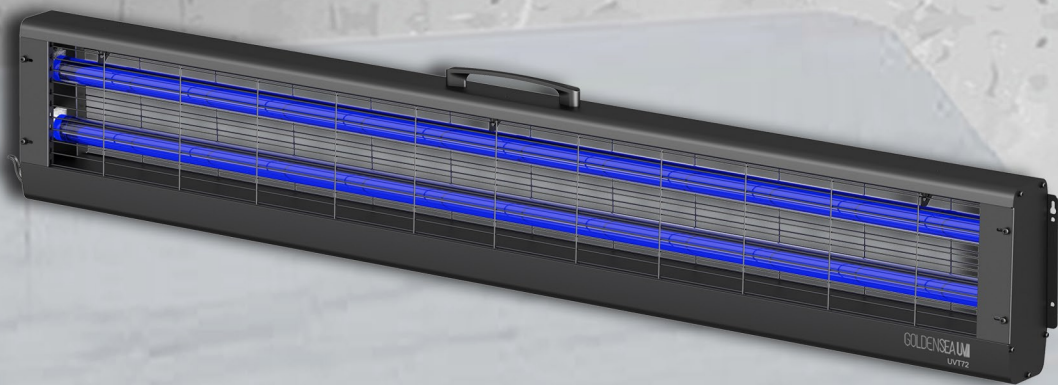


GOLDENSEA UV uses the ultraviolet spectral wavelength 253.7nm. This belongs to the short-wave UVC spectrum and is an efficient and better choice for disinfection!

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 AREA

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
20m²

60 mins
40m²

120 mins
80m²

4M

RECOMMENDED MOUNTING HEIGHT



30 mins/20m²

60 mins/40m²

120 mins/80m²

广微测
Gmicro Testing

MA **ILAC-MRA** **CNAS**
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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.): 2020FM03012R01

1. 检测项目: 空气消毒效果模拟现场试验, 检测方法:《消毒技术规范》2002年版-2.1.3.4 空气消毒效果模拟现场试验

1.1 实验结果:

作用时间	测试微生物	序号	空气中细菌总数 (cfu/m ³)	杀灭率 (%)
0 (CK)	白色葡萄球菌 (<i>Staphylococcus albus</i>) 8032	1	5.6×10 ⁴	
		2	5.7×10 ⁴	
		3	6.4×10 ⁴	
1h	白色葡萄球菌 (<i>Staphylococcus albus</i>) 8032	1	14	99.96
		2	7	99.98
		3	14	99.97

广微测
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报告编号 (Report No.): 2020FM03012R02

作用时间	测试微生物	序号	空气中细菌总数 (cfu/m ³)	杀灭率 (%)
0 (CK)	大肠杆菌 (<i>Escherichia coli</i>) 8099	1	7.2×10 ⁴	
		2	7.1×10 ⁴	
		3	6.6×10 ⁴	
1h	大肠杆菌 (<i>Escherichia coli</i>) 8099	1	<7	>99.98
		2	<7	>99.98
		3	<7	>99.98
0 (CK)	肺炎链球菌 (<i>Streptococcus pneumoniae</i>) ATCC 49619	1	5.7×10 ⁴	
		2	5.8×10 ⁴	
		3	5.7×10 ⁴	
1h	肺炎链球菌 (<i>Streptococcus pneumoniae</i>) ATCC 49619	1	21	99.94
		2	14	99.96
		3	14	99.96

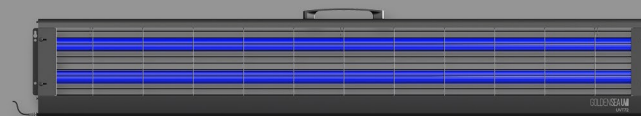
广微测
Gmicro Testing

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.): 2020FM03013R03

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 H5N2 宿主名称: MDCK 细胞	0 (CK)	1	1.70×10 ⁵	
		2	2.04×10 ⁵	
		3	2.29×10 ⁵	
	1h	1	<1.15×10 ²	>99.99
		2	<1.15×10 ²	>99.99
		3	<1.15×10 ²	>99.99

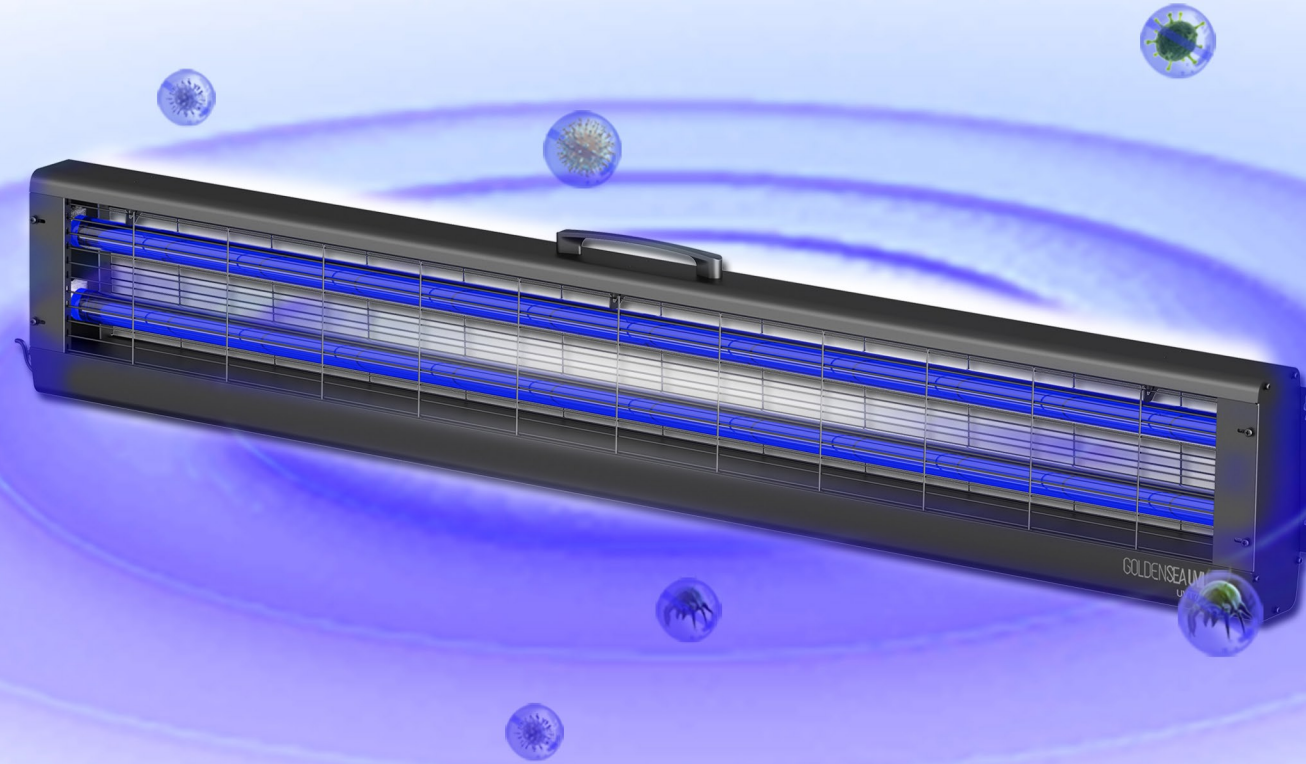
注: 去除率试验结果已消除微生物在空气中自然消亡因素的影响。
(以下空白)



DISINFECTION RATE 99.9%
PROVIDE A SAFE
AND CLEAN ENVIRONMENT

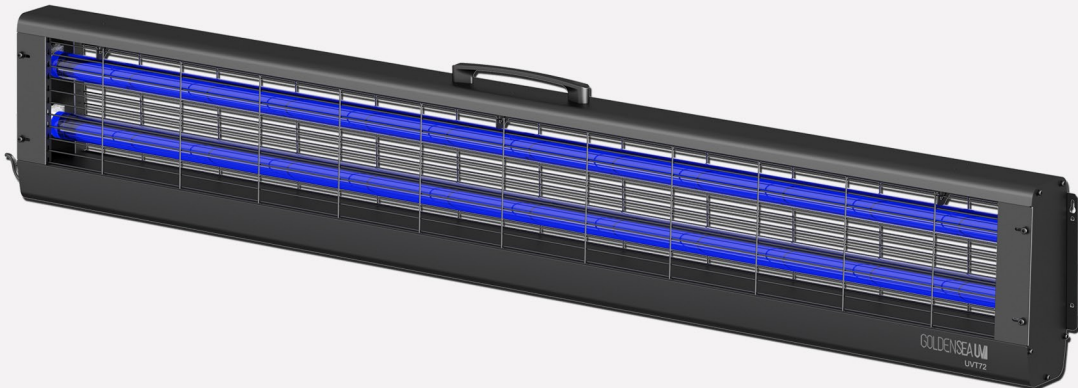
Results achieved only if used alongside existing routine cleaning and disinfection programs

SAFETY BY DESIGN



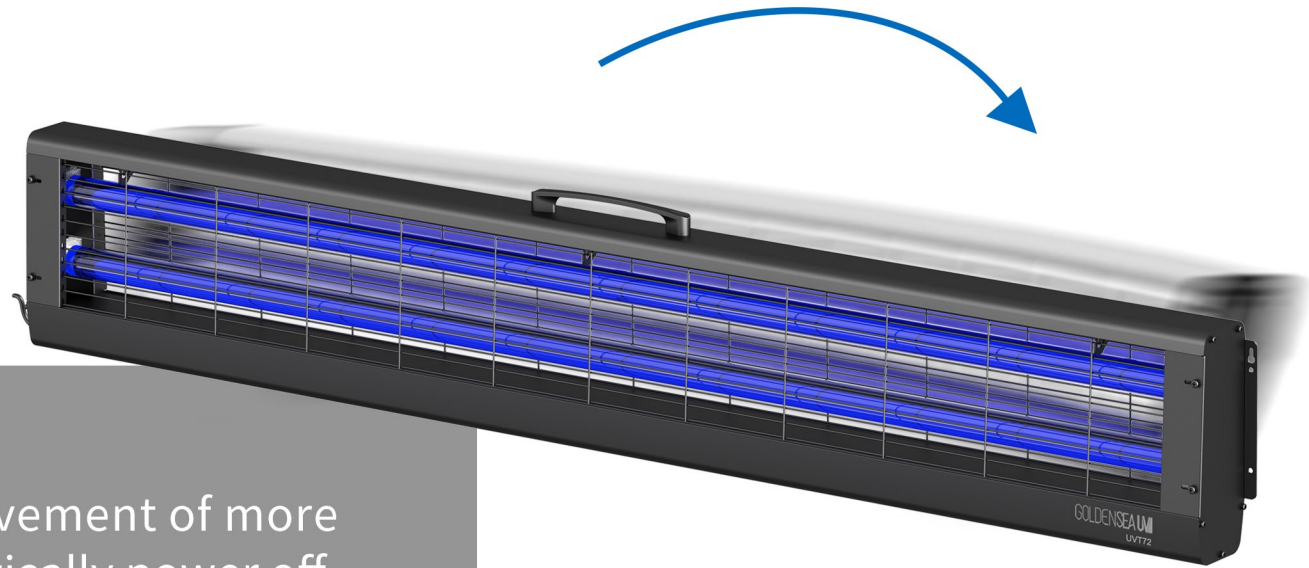
A motion sensor will detect any movement within 5 meters and immediately deactivate the lamp and sound an alarm.

SAFE START- 3 MINUTES DELAYED START WITH AUDIBLE ALARMS

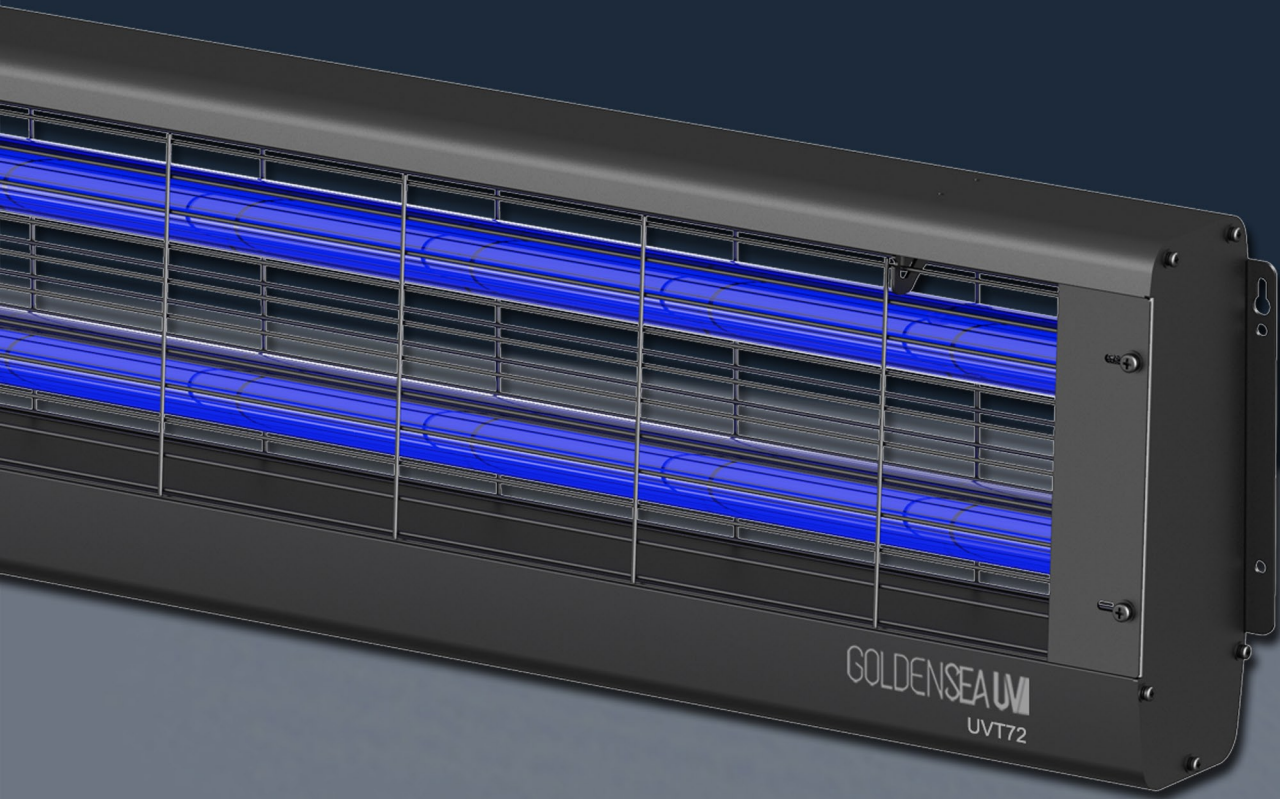


Once the disinfection time is set, the lamp will be turned on after a delay of 3 minutes allowing people and pets to leave the room.

FALL PROTECTION AUTO POWER OFF



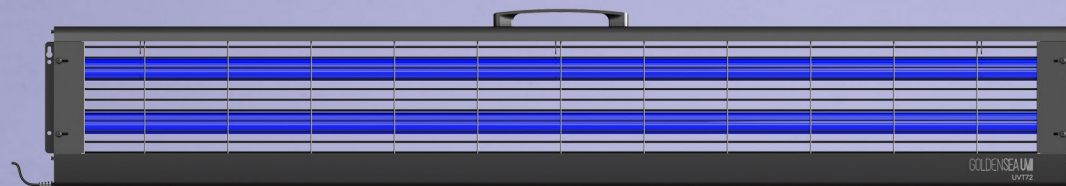
When lamp detects a movement of more than 45 ° , it will automatically power off, thus preventing heat damage to surrounding objects, should the lamp fall over.



NO OZONE
SAFE AND HARMLESS
LEAVES NO RESIDUE

Note: Only when used in
accordance with
manufacturer instructions

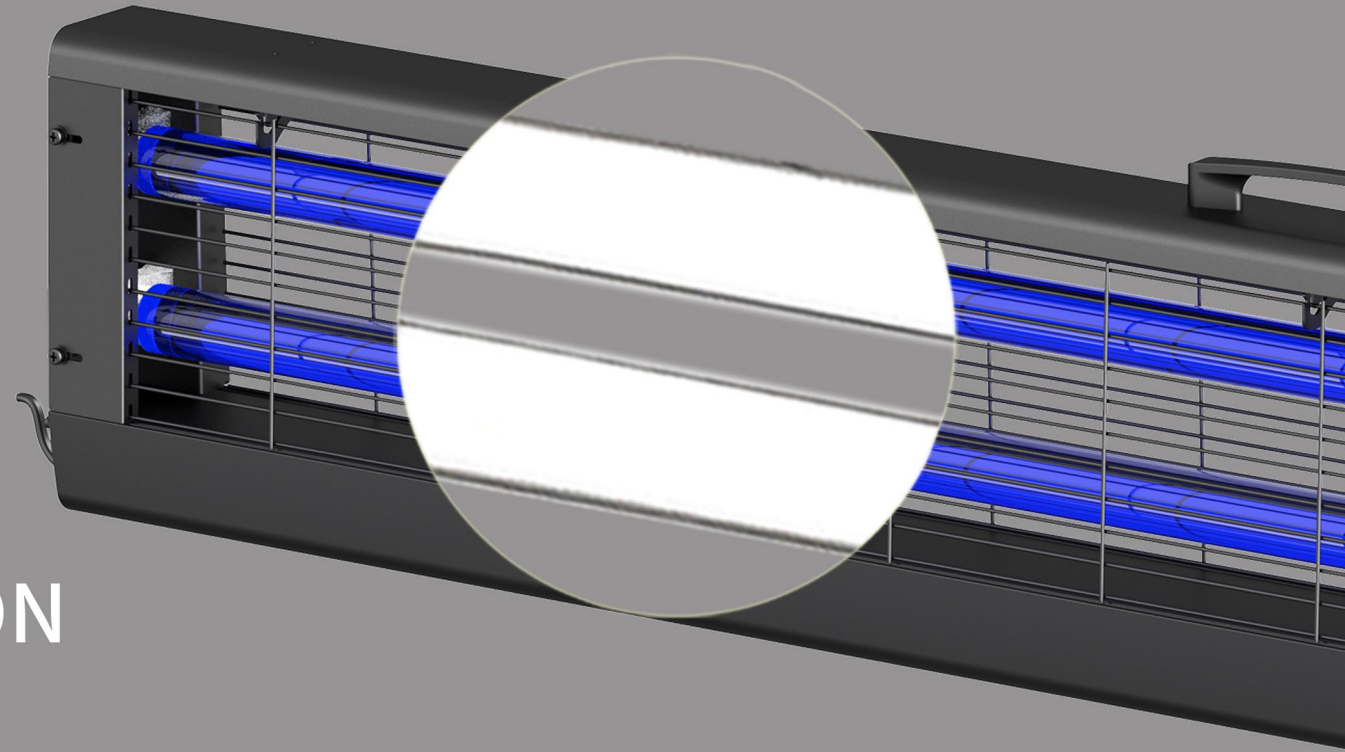
REMOTE CONTROL THROUGH THE WALL



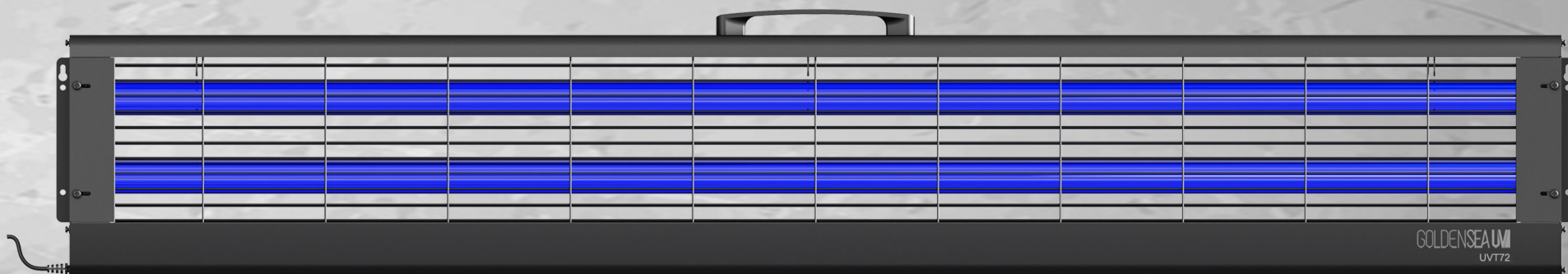
120



HIGH-IMPACT TUBE
ALLOWS FULL TRANSMISSION
OF ULTRAVIOLET LIGHT



WALL MOUNTING

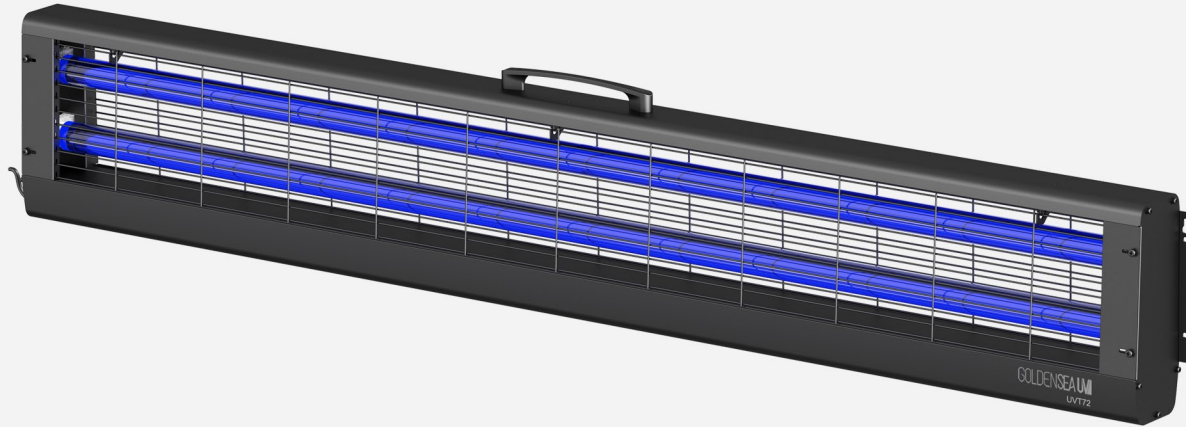


PRECAUTIONS

1. Ultraviolet disinfection lamp products emitting UVC 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.

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



PRODUCT INFORMATION

Product: GOLDENSEA UV Ultraviolet Disinfection Lamp for commercial and residential environments

Model: UVT72

Light Source Wattage: 36W(T8)x2

Light Source Lifespan: Max. 9000h

Voltage: 100V-240V, 50/60Hz

Current: Max. 1A

Control: Touch keys + remote control

Main Material: Aluminum alloy

Function: UV disinfection

Wavelength: 253.7nm

Dimension: 1266x76x200mm

Cable Length: 1.8m

Compliance: CE, ETL, FCC

Application: medium to large size rooms: hotel, office, workshops, classroom and small theater



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 ETL, FCC and CE compliant and listed.

ADD: No.109, Hai Yong Road, Shi Qi Town, Pan Yu Zone, Guangzhou City, China 511450

TEL: +86 20 3996 6388 / 3996 6399

E-MAIL: gsuv@goldensea.com

WEB: www.goldenseauv.com