



UVC UPPER AIR DISINFECTION DEVICE - GK Series U32-10W

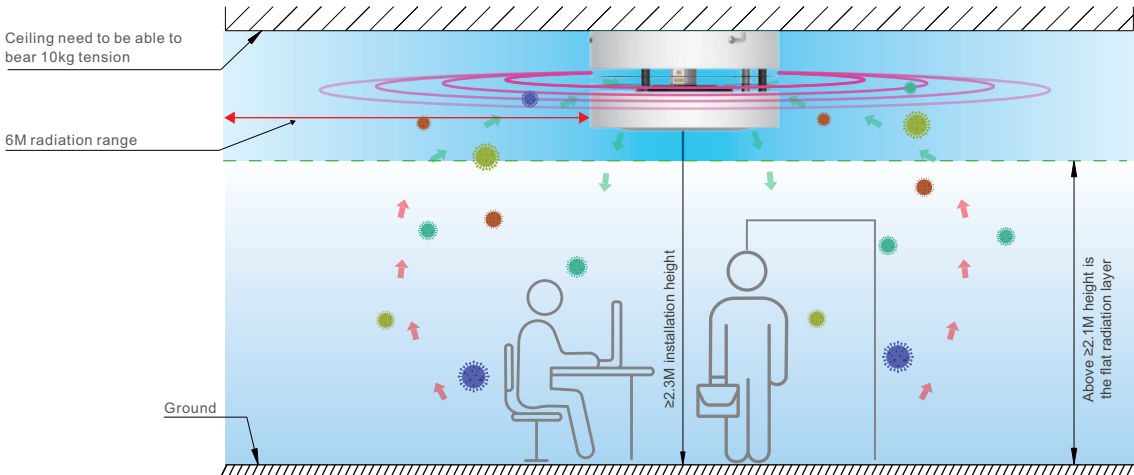


Product parameters

Model No.	Power (W)	Input voltage (V)	Wave length (nm)	Radiation Intensity (0.5m from the tube surface) (μW/cm²)	Noise at 1 meter distance (DB)	Lamp bead type	Applicable volume (m³)	Applicable area (m²)	Working temperature (°C)	Product size (mm)	Warranty
U32-10W-01/02	10±2W 9±2W 8±2W	100-277V	275nm	20μW/cm²	1level: 35DB 2level: 40DB 3level: 45DB	3939	25m³	10m²	0°C~+40°C	Ø172mm*92.6mm	2 year

Purification principle

There is an ultraviolet upper layer flat radiation device inside, which forms a flat radiation layer in the upper layer of the space. The fan inside the main unit causes the indoor air convection effect to remove the fine particles floating in the air. bacteria and viruses rise to the UV flat radiation layer, and use the upper flat radiation to kill viruses and bacteria.

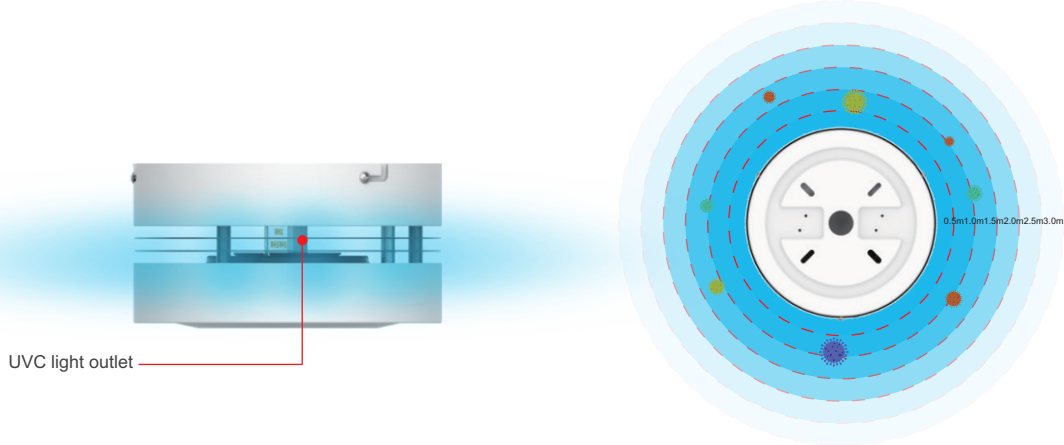


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Features

01 The light-emitting design of the circular upper flat layer:

360°uvc outlet, improve the disinfection area,also high effective for virus. 2.5m installation height,safe for occupied area.



Test value of ultraviolet irradiance in the range of 0.5m~3m

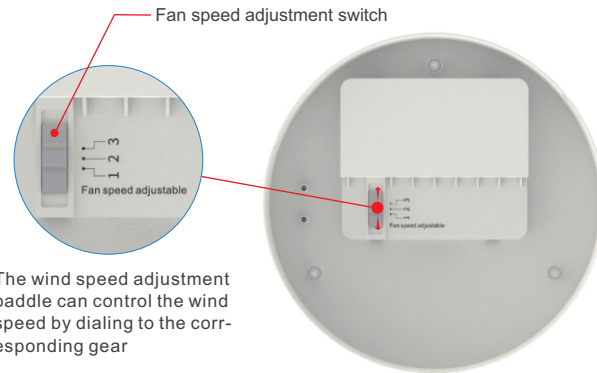
360 ° light output

U32 ultraviolet spectrum irradiance test value						
Test distance(m):	0.5m	1.0m	1.5m	2.0m	2.5m	3.0m
Value($\mu\text{w}/\text{cm}^2$):	25.38 $\mu\text{w}/\text{cm}^2$	6.47 $\mu\text{w}/\text{cm}^2$	3.73 $\mu\text{w}/\text{cm}^2$	2.33 $\mu\text{w}/\text{cm}^2$	1.91 $\mu\text{w}/\text{cm}^2$	1.54 $\mu\text{w}/\text{cm}^2$

02 Fan speed adjustment:

The wind speed can be adjusted according to the actual application scene . The wind speed is divided into 3 gears, each of which is 1st gear , 2nd gear, 3rd gear .

Gear Parameters		
Level	Air Volume(CMF)	Noise(DB)
Level 1	6.5CMF	35DB
Level 2	8.7CMF	40DB
Level 3	12.7CMF	45DB



The wind speed adjustment paddle can control the wind speed by dialing to the corresponding gear



Level 1 Fan Speed : <35DB
Application: Living room , Hotel , School



Level 2 Fan Speed : <40DB
Application: Official , Hospital , Bank



Level 3 Fan Speed : <45DB
Application: Supermarket , Toilet , Kitchen

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Features

03 Centrifugal fan improves sterilization efficiency:

Centrifugal fan to accelerate local air flow, experimental data show that the fan can improve the sterilization efficiency under the same power.

10m³ space to sterilize Staphylococcus albus:

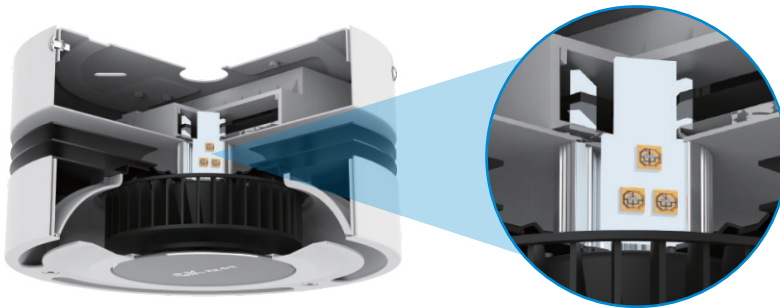
Fan gear	Killing time (H)	Killing rate
1	2	72.10%
2	2	99.60%
3	2	99.90%



Note: This data comes from a third-party laboratory, the data is for reference only.

03 Newest UV LED applied, longer lifespan:

Built-in 3 sides, with a total 9 pcs led uvc, long lifespan.



Installation method 1: Ceiling installation

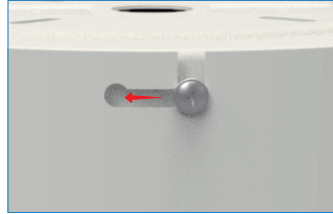


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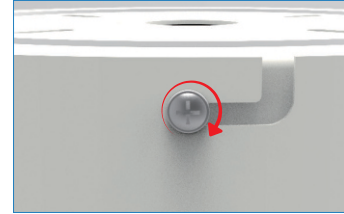
Installation method 1: Ceiling installation



Step①: lock the cold-rolled sheet on the octagonal box..

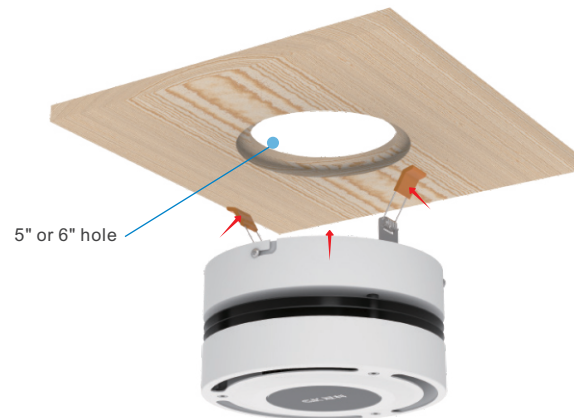
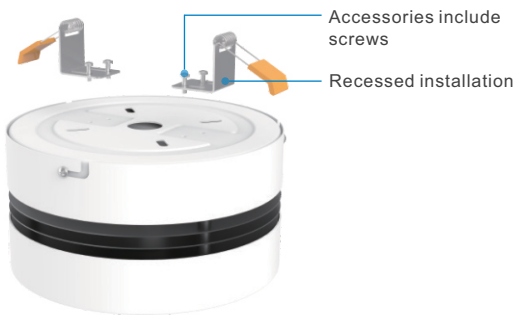


Step②: Rotate the main unit into the card slot.



Step③: Lock and fix the connection between the host and the cover by fixing screws.

Installation method 2: Embedded installation



Installation steps: Fix the embedded installation piece in the accessory bag on the host with a tool, and adjust the distance between the two installation pieces according to the 5-inch or 6-inch hole in the ceiling.

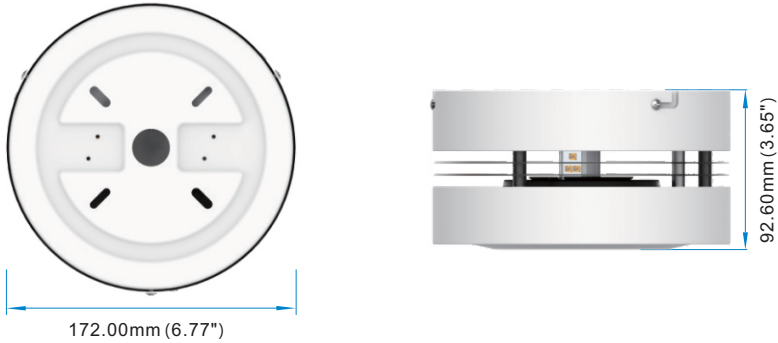
Applications



Application : Most indoor places like Office, Food shop, Hotel, Hospital, School, Bank, Toilet, etc.

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Dimensions



Packing

Model No.	N.W per lamp (kg) (lbs=kgx2.2)	G.W per lamp (kg) (lbs=kgx2.2)	G.W per carton (kg) (lbs=kgx2.2)	Inner box size (mm) (x0.0393=inch)	Outer box size (mm) (x0.0393=inch)	Quantity per carton
U32-10W-01/02	1.33kg	1.53kg	16kg	185*98*185mm	575*310*203mm	9pcs

S/N	Name	Qty	Configuration
1	The stand-by products	1	Standard
2	Recessed installation accessories	1	Standard
3	inner color Box	1	Standard
4	Neutral manual	1	Standard
5	Neutral box	1	Standard
6	Neutral external box	1	Standard

