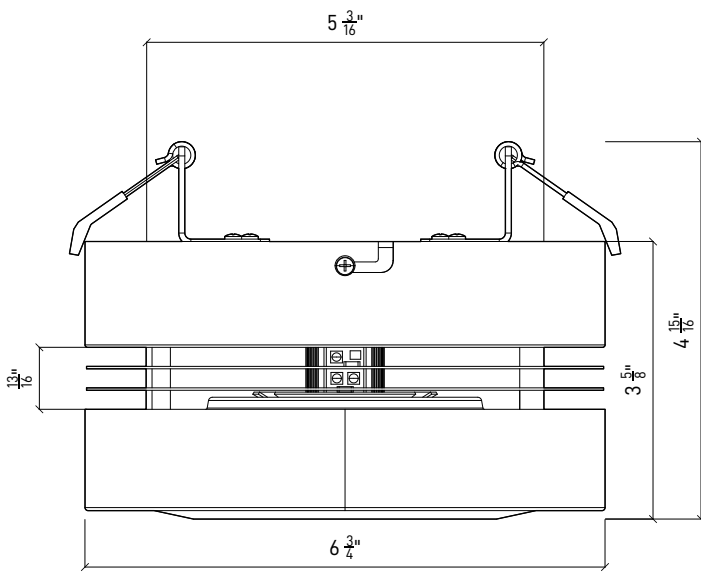


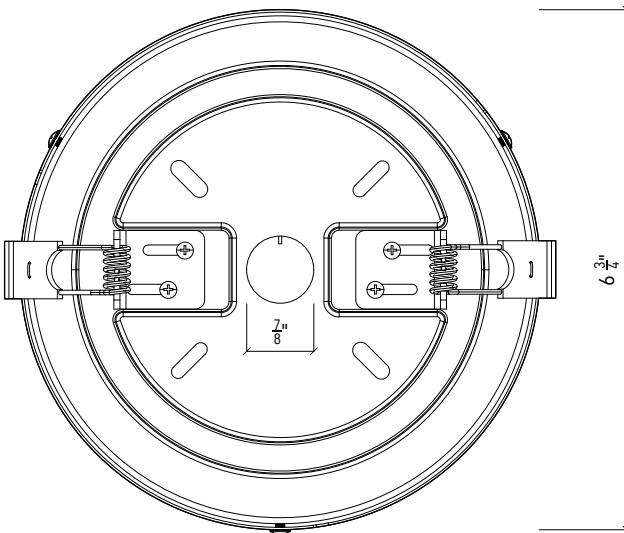


DIMENSIONS

LEFT



TOP



OVERVIEW

There is an ultraviolet upper air radiation device inside, which forms a UVC upper layer of the space. The inside fan of device 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 air radiation to purify viruses and bacteria.

SPECIFICATIONS

TOTAL POWER	10W
VOLTAGE	100-277V AC
WAVELENGTH	275 nm
RADIATION INTENSITY	25.38 $\mu\text{W}/\text{cm}^2$
UVC SOURCE	UVC-LED with 30° quartz lens
LED LIFE	10000 hours at L70
WORKING TEMP. (°C)	-10°C~40°C
WARRANTY	2 years
AIR VOLUME (CFM)	6.5 cfm, 8.7 cfm, 12.7 cfm
NOISE (dB)	36.86 (lv 1), 39.72 (lv 2), 45.92 (lv 3)

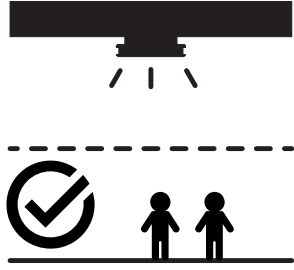
ULTRAVIOLET SPECTRUM IRRADIANCE TEST VALUE

0.5 METERS	25.38 $\mu\text{W}/\text{cm}^2$
1 METER	6.47 $\mu\text{W}/\text{cm}^2$
1.5 METERS	3.73 $\mu\text{W}/\text{cm}^2$
2 METERS	2.33 $\mu\text{W}/\text{cm}^2$
2.5 METERS	1.91 $\mu\text{W}/\text{cm}^2$
3 METERS	1.54 $\mu\text{W}/\text{cm}^2$



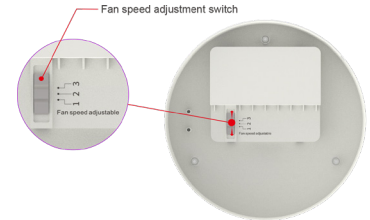
UPPER ROOM PURIFICATION

The upper room air purification system operates while commercial activities continue below. Environmentally-friendly: No ozone emission during or after use



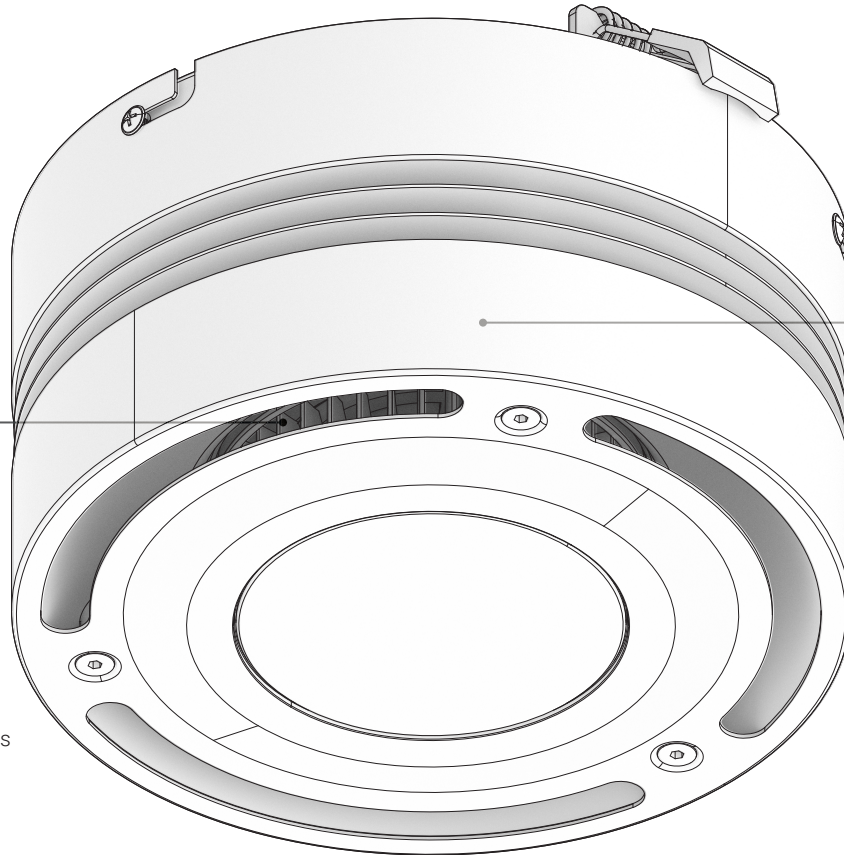
FAN SPEED ADJUSTMENT

The fan speed can be adjusted according to the actual application environment. Speed is divided in 3 modes

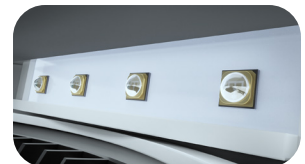


CENTRIFUGAL FAN IMPROVES EFFICIENCY

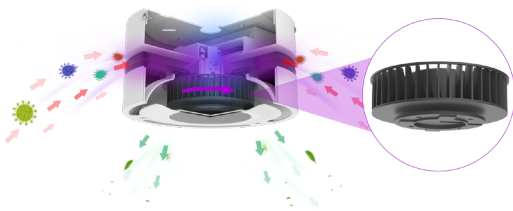
High quality industrial fan with 70,000 hour lifespan contributes to better ventilation while inlets at the side and outlets to the bottom receive more airflow leading to a higher purification rate.



NEWEST UV LED, LONGER LIFESPAN



Integrated 8 long-life UV LED chips on 2 sides. 10,000 hours of UV maintenance rate ≥ 70 hours. Environmentally-friendly and mercury-free.



FEATURES

UVGI - UPPER ROOM ULTRAVIOLET GERMICIDAL IRRADIATION (UVGI)¹

Ultraviolet germicidal irradiation, or UVGI, is the use of ultraviolet (UV) energy to kill viral, bacterial, and fungal organisms. UVGI fixtures produce UV-C energy, which has shorter wavelengths than more penetrating UV-A and UV-B rays and pose less risk to human health. Upper-room UVGI refers to a disinfection zone of UV energy that is located above people in the rooms they occupy. This kills airborne pathogens in the room where they are released. Fixtures are installed to prevent direct UV exposures to people in the room.

HOW DOES IT WORK?¹

1. Air passes through the disinfection zone from air flow through HVAC system, fans, and/or open windows.
2. The airborne pathogens are killed once they receive an appropriate amount of UV energy. The particles remain in the air, but they are no longer infectious.

Note: For airborne viral particles, upper-room UVGI systems provide air changes per hour that are similar to the introduction of clean air into the space.

¹ <https://www.cdc.gov/coronavirus/2019-ncov/community/ventilation/uvgi.html>

ORDERING GUIDE

Example: **UVR-RL617-10W-MVOLT**

