

DATE

PROJECT

FIRM

TYPE



Sterilizes the air using UV-C tubes with properties against bacteria, fungi and viruses. This product is safe and effective against microorganisms.

FEATURES

- Air Sterilization in the Presence of Humans (No Exposed UV-C)
- Forced Ventilation system that Purifies Contaminated Air
- Whisper Quiet at 1 Sone/40dB
- 120V with Standard IEC Power Cable
- 1,060 Cubic Feet Per Hour
- Continuous Airflow
- Wall or Ceiling Mountable
- Maximum Germicidal Effect (253.7nm)
- 1 Year Warranty
- IP20 Rated

APPLICATIONS

Classrooms, Hotels, Healthcare, Gyms, Residential Areas

CONSTRUCTION

Aluminum Profile

WARRANTY

1 Year,

EXTRUSION DIMENSIONS



ORDERING



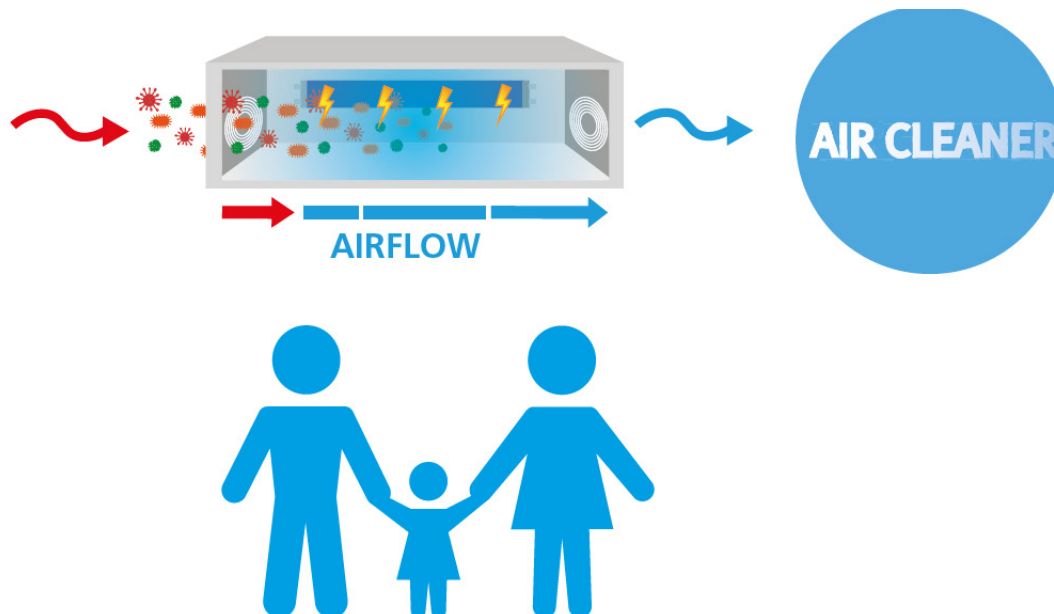
1 - FIXTURE ID

AF GUV

2 - MOUNTING

C - Ceiling
W - Wall

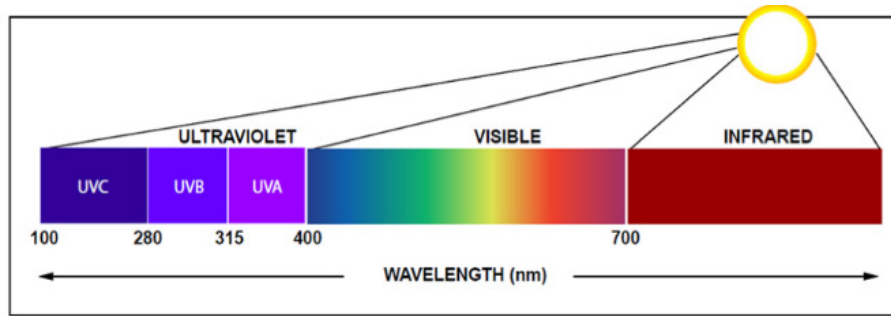
DISINFECTION MODE



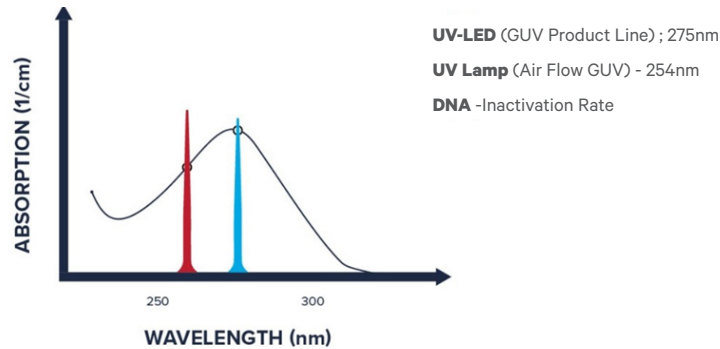
Updated: 10/21/2020

UV-C Lighting

Coronet integrates UV-C fluorescent lighting at 254 nanometers (nm) into our Air Flow product to combat virus and bacteria in a space. UVC wavelengths can break the bonds in the DNA and RNA of viruses and bacteria making them unable to multiply and inactivating them. As the light directly affects the DNA/RNA of the organism, it works on drug resistant strains of viruses and bacteria; this technology has been used in hospitals since the 1940's. There are three bands of UV lighting; UVC is the safest and most effective germicidal solution.



There is an 'Action Curve' that determines how effective specific wavelengths are on Viruses. Below is an example:



Safety and Design

Directly viewing UV-C sources can cause harmful effects to the cornea of the eye. Coronet's Air Flow fixture is designed to prevent this during normal use through the use of a completely enclosed UV source and forced air circulation system, as such, it is safe to occupy a space while the air flow is working to keep you safe.

References

With the Covid-19 crisis, worldwide standards organizations have issued opinions on the use of UV-C to target disinfection of space. Respected organizations are recommending Upper Air GUV as it has been proven safe and effective for the last 80 years.

- IES paper on Germicidal UV: <https://www.ies.org/standards/committee-reports/>
- CIE's Position Report on Germicidal UV: <http://cie.co.at/publications/cie-position-statement-use-ultraviolet-uv-radiation-manage-risk-covid-19-transmission>