

UV-C VENTILATION AND PURIFICATION SYSTEMS

TORNADO



The Tornado is an airflow multiplication UVC germicidal system, designed with optimized airflow mechanics, providing a Log-4 99.94% sterilization of the air. It has a capacity for medium to big volume spaces. The Tornado is designed for the concept of "Minimum Maintenance with Maximum performance." Without any consumable filter design, it is capable to provide to a high log air sterilization performance.

Key Features :

Full shielded design, with eight sterilization chambers, providing an efficient and stable 253.7nm UVC output without Ozone.

The Tornado is designed with four sides inhaling systems, each is solo working to inhale polluted air from the space of its direction, providing an all-rounded 360degree air treatment at the same time.

Four ventilators form into a system creating Tornado Effect, to boost the air multiplication technology to enhance the air treatment efficiency. The Tornado system achieves 1.5 times efficiency at the same power with better performance while saving energy.

Application :

Tornado is designed for all indoor space, with Safe-Edge design to be safe and user-friendly in a living space. Its chassis is equipped with four rollers, two out of four are with locks, Tornado can be moved into any room space where air sterilization is needed, like under a desk, by sofa or a bed, etc.

Its low & compact body allows to fit in any corner space, providing an instant and efficient sterilization to the whole space. The power is sufficient for a medium-large volume space sterilization.

Tornado is equipped with an advanced IoT wireless control technology. The user can set auto-working, periodical working, off-work working, sync-working to climate condition, as smart as the newest IoT technology can do. Tornado IoT control supports OTA service by Cloud-update.

Technical Features:

- UVC & photo ionization technology, stable and efficient 253.7nm constant UVC output without Ozone.
- 360 all-rounded air inhaling, quick and instant high volume air treatment
- Innovative air multiplication technology, 1.5 times efficiency
- Multiple blades metal ventilator, low running noise.
- Eight sterilization full-reflection chambers, enhanced irradiation matrix, highly efficient airflow sterilization
- Radio & WIFI wireless control, IoT control with OTA updates

- Four rollers ' chassis design, easy to move.

GUARD PRO



The Guard Pro is an airflow UVC germicidal system, which is an upscaled version of Guard series. It is designed with optimized airflow mechanics, providing a Log 4 99.94% sterilization of the air. Its capacity is for medium volume spaces.

Guard Pro is designed to give maximum performance with a minimum of maintenance.

Without any consumable filter design, it is capable to provide to a high log sterilization performance.

Key Features

Full shielded design, with three sterilization chambers, providing an efficient and stable 253.7nm UVC output without Ozone.

Dual ventilator design, one for inhaling air into the system, the other one is to drag and force air circulation in the space.

Application :

The Standard Guard model is designed for all residential and commercial indoor spaces, as a vital support solution for air-conditioning or ventilation systems. It can also be a solo air sterilization solution.

The Guard Pro is providing an efficient and instant sterilization into the airflow, so into the whole space, helping to create a healthy indoor atmosphere.

Guard Pro is equipped with an advanced IoT wireless control tech, user can set auto-working, periodical working, off-work working, sync-working to climate condition, as smart as the newest IoT technology can do.

Guard Pro IoT control supports OTA service by Cloud-update.

Guard Pro has a minimalist design with flexible installation. It can be mounted on wall/ceiling surface or embedded into ceiling.

Technical Features:

- UVC & photoionisation technologies, stable and efficient 253.7nm constant UVC output without Ozone
- Multiple blades metal ventilator, low running noise
- Dual ventilators design, force circulating the air in the space.
- Three sterilization full-reflection chambers, enhanced irradiation matrix, highly efficient airflow sterilization
- Radio & WIFI wireless control, IoT control with OTA updates



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GUARD UP



The Guard Up is an airflow UVC germicidal system, designed with optimized airflow mechanics providing a Log 4 99.94% sterilization of the air. Its capacity is for small to medium volume spaces.

Guard Up is designed with the concept of "Minimum Maintenance with Maximum performance".

Without any consumable filter design, it is capable to provide to a high log sterilization performance.

Key Features :

Full shielded design, with two sterilization chambers, providing an efficient and stable 253.7nm UVC output without Ozone.

Application :

The Guard Up is designed for all residential or commercial indoor spaces, as a vital support solution for an air-conditioning or ventilation system,

The Guard Up is providing an efficient and instant sterilization into the airflow, so into the whole space, helping to create a healthy indoor atmosphere.

Guard Up is equipped with an advanced IoT wireless control tech, user can set auto-working, periodical working, off-work working, sync-working to climate condition, as smart as the newest IoT technology can do.

Guard Up IoT control supports OTA service by Cloud-update.

Guard Up is a minimalist design with flexible installation, can be mounted on wall/ceiling surface, or embedded into ceiling.

Technical Features:

- *UVC & photoinosation technologies, stable and efficient 253.7nm constant UVC output without Ozone.*
- *Multiple blades metal ventilator, low running noise.*
- *Dual sterilization full-reflection chambers, enhanced irradiation matrix, highly efficient sterilization into airflow*
- *Radio & WIFI wireless control, IoT control with OTA updates*



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GUARD STAND



Guard Stand airflow UVC germicidal system, is designed with optimized airflow mechanics, providing a Log-4 99.94% sterilization of the air. Its capacity is for small volume spaces.

Guard Stand is designed with the concept of “Minimum Maintenance with Maximum performance”. Without any consumable filter design, it is capable to provide to a high log sterilization performance.

Key Features

Full shielded design, with two sterilization chambers, providing an efficient and stable 253.7nm UVC output without Ozone.

Application

Guard Stand has a Safe-Corner design and Stand-Chasis design, allowing it to be placed on the floor and to be placed wherever it is needed, like under a desk, by sofa or a bed, etc.

Its small & compacted body allows it to fit in any corner space, without occupying any living space. It provides an instant and efficient sterilization to the surrounding space, as an ideal personal germicidal solution for small space.

Guard Stand is equipped with an advanced IoT wireless control tech, user can set auto-working, periodical working, off-work working, sync-working to climate condition, as smart as the newest IoT technology can do.

Guard Stand IoT control supports OTA service by Cloud-update.

Technical Features

- *UVC & photoinosation technologies, stable and efficient 253.7nm constant UVC output without Ozone.*
- *Multiple blades metal ventilator, low running noise.*
- *Dual sterilization full-reflection chambers, enhanced irradiation matrix, highly efficient sterilization into airflow*
- *Radio & WIFI wireless control, IoT control with OTA updates*



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SKYLINE



The Skyline LED-UVC in-line system, is designed for ambient lighting and environmental sterilization for medium to large volume spaces, providing a medical grade germicidal performance.

There are two sub-models for Skyline, classified by the UVC projecting direction: Rear-projecting and horizontal-projecting.

Both sub-models have a safe UVC application for residential and commercial environment, with the attendance with people.

Key Features

Thanks to the heat management engineering, the Skyline has a highly compacted design to build in both high lumen LED lighting system and UVC germicidal system in a slim body.

The UVC is a stable and efficient 253.7nm output without Ozone.

LED is well tuned lighting system with most natural temperature as sunlight, higher power density of 50W per system.

Inspired by decades of experience in using UVC to sterilize spaces in worldwide hospitals, Skyline has the highest efficiency in surface and space sterilization, nearly 100%, achieving medical grade log performance.

Application

The Skyline can be used for indoor or outdoor open areas.

Its medical grade sterilization performance is to sterilize all surfaces in the range and the space in between.

This simple and high efficiency is proved in decades as the common application in all medical areas in worldwide.

Technical Features:

- *UVC & photo-ionization technologies, stable and efficient 253.7nm constant UVC output without Ozone*
- *Multiple blades metal ventilator, low running noise*
- *Dual ventilators design forced circulating air in the space.*
- *Three sterilization full-reflection chambers, enhanced irradiation matrix, highly efficient sterilization into airflow*
- *Radio & WIFI wireless control, IoT control with OTA updates*



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CONNOR



The CANNON HVAC airflow ventilation and **Germicidal** system, with an innovative air flow design, is designed for temperature & humidity balancing in large and super large volume space, meanwhile providing a high power UVC instant sterilization of the airflow.

Key Features

The full shielded design is including two large sterilization chambers inside, with 300W super high UVC irradiation density, providing an efficient and stable 253.7nm UVC output without ozone.

The entrance is equipped with a metal blade high-speed ventilator. The blade design and circuit are optimized by airflow mechanics for a lower running noise at lower noise frequency.

The ventilator inhales a large volume with high air velocity into the system. The airflow is rectified by the Tesla Value screen to be fully mixed and rotated during its pass-through in the sterilization chambers, making sure that the airflow is fully sterilized before exhausting.

The exhaust is designed to deliver the air 15 meters far away. The Cannon is considered as a professional air ventilation system.

Application

The Cannon is designed for large, or super large indoor space, It can be mounted on wall surface or free hanged from ceiling.

The Cannon is creating a high-volume high velocity air ventilation to balance indoor temperature and humidity to help HVAC system saving energy, even as providing an instant sterilization into the whole space, in the air and environment.

The Cannon is equipped with an advanced IoT wireless control tech, user can set auto-working, periodical working, off-work working, sync-working to climate condition, as smart as the newest IoT technology can do.

The Cannon IoT control supports OTA service by Cloud-update.

Technical Features

- UVC & photo ionization technology, stable and efficient 253.7nm constant UVC output without Ozone.
- All metal super charged ventilator, high volume & velocity air exchanging efficiency.
- Designed for temperature & humidity balance, air ventilation for large spaces.
- Innovative air flow design, Tesla Value screen
- Dual large sterilization full-reflection chambers, enhanced irradiation matrix, high efficient sterilization into the airflow

- *Radio & WIFI wireless control, IoT control with OTA updates*



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