

Airstream Disinfection for Healthier Indoor Air Quality



V-MAX GRID™

Healthy Building System

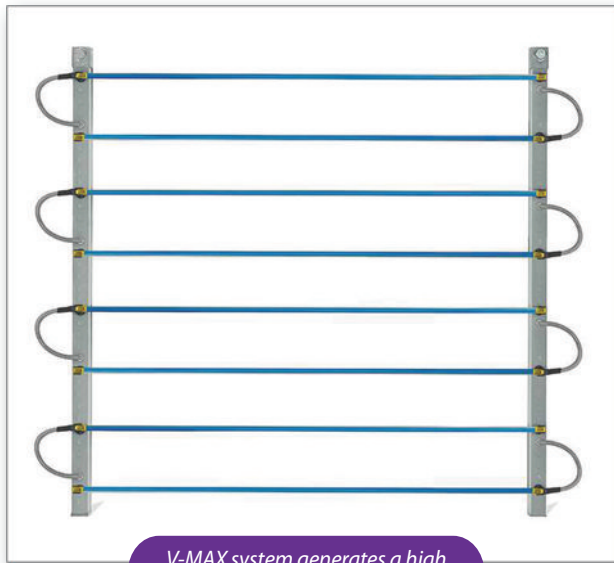
Building owners and managers recognize the health risks associated with poor indoor air quality. It is now widely recognized that airstream bio-burden is a significant concern and building air contaminated with viruses, bacteria and mold is a serious problem. The US EPA and ASHRAE have recently confirmed that building HVAC systems are a pathway for the spread of airborne infectious diseases.

The V-MAX GRID system is designed for efficient airstream disinfection in commercial HVAC systems. Installed in air plenums, the system generates a high intensity UV-C "Kill Zone" that mitigates the threats from microbial contamination in the air. Building occupants know that clean, healthy air results in fewer illnesses, sick days and complaints, and increased productivity and quality of life.



Key Benefits of the V-MAX GRID™ Healthy Building System

- Maximum output T5 UV-C lamps provide effective air stream disinfection, resulting in improved air quality
- Allows for ease of installation perpendicular or parallel to airflow
- System may be installed in air handling unit or in air duct
- Easily adjusted for almost any duct or plenum height due to telescoping support struts
- State-of-the-art electronic ballast, designed specifically to drive the high output UV lamp, mounts conveniently inside the support strut or outside the plenum area
- Support strut also acts as a wire raceway, keeping air stream free of dangling wires
- Flexible conduit protects electrical power leads and maintains 'clean' installation
- Lamp modules with nominal lengths of 21", 33" and 61" for increased coverage options
- Flexible design is capable of multiple row and lamp configurations to maximize UV-C energy field in available space
- 'Snap in' lamp mounting clips insert easily into holes provided in support strut
- Mounting clips also allow for attachment on the lamp end or on bulb for more versatility
- System is ETL listed to UL Standards and complies with requirements for UL ABQK category for commercial air duct mounted accessories.



V-MAX system generates a high intensity UV-C energy field that is lethal to airborne bio-contamination.



V-MAX Mounting Clips snap into support strut and attach easily onto either lamp ends or bulb.



Bulbs are rated for 9000 hours of lamp life and provide maximum UV-C irradiance.



Ballasts are designed to easily mount in vertical support strut, reducing installation cost.

Contact UVDI or a distributor to learn how the V-MAX GRID™ can improve your indoor air quality.

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