



## Agriculture Applications

Hydroponic crops must be held to the highest standards. Unfortunately for growers, the fungus that causes powdery mildew is spread by airborne transmission. The good news is that Fresh-Aire UV ultraviolet germicidal irradiation (UVGI) systems are proven to sterilize airborne bacteria, mold and fungus and prevent them from being transmitted throughout a facility. UV is a powerful tool for hydroponic operations to maximize their yields and achieve the highest quality, healthiest product possible.



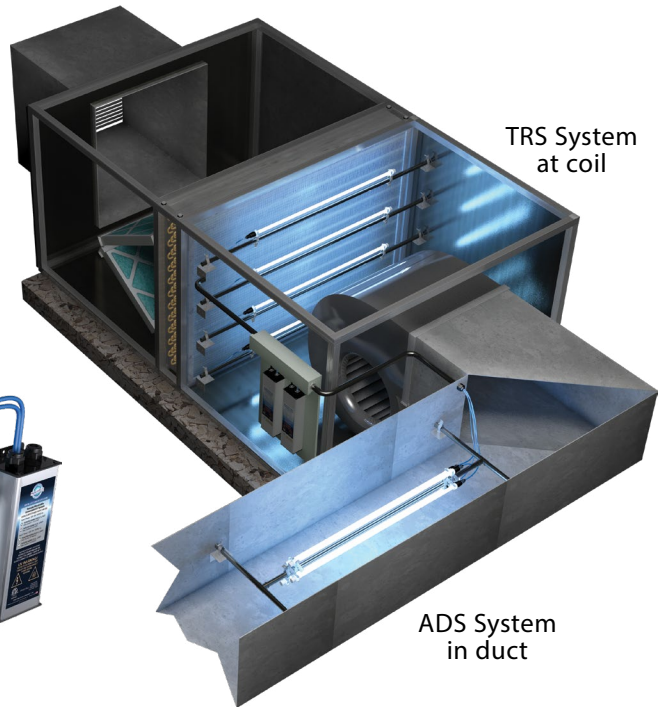
### Tubular Rack System

Sterilize mold and other biological threats on coils and air system surfaces with the TRS system. It also saves energy and maintenance costs associated with commercial HVAC. A biofilm (mold on coils) of only 0.002" can reduce efficiency by 37%. The Tubular Rack System from Fresh-Aire UV® offers easy and flexible installation. It is designed for use with standard 1/2" EMT tubing or use our optional custom stainless steel tubing.



### Airborne Duct System

Maximize airborne kill of dangerous pathogens such as mold, bacteria, and viruses with the ADS system. This duct-mounted UVGI system is designed for intensive air stream UV-C irradiation. The system features from 2 to 6 Fresh-Aire UV® high-output germicidal UV lamps which sterilize airborne biological contaminants as they pass by. The ADS system is fully customizable and can be configured to fit a wide variety of installation parameters addressing any duct size or air-stream velocity.



800-741-1195

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