

FROM THE LEADER IN HVAC  
& HEALTHCARE UV DISINFECTION

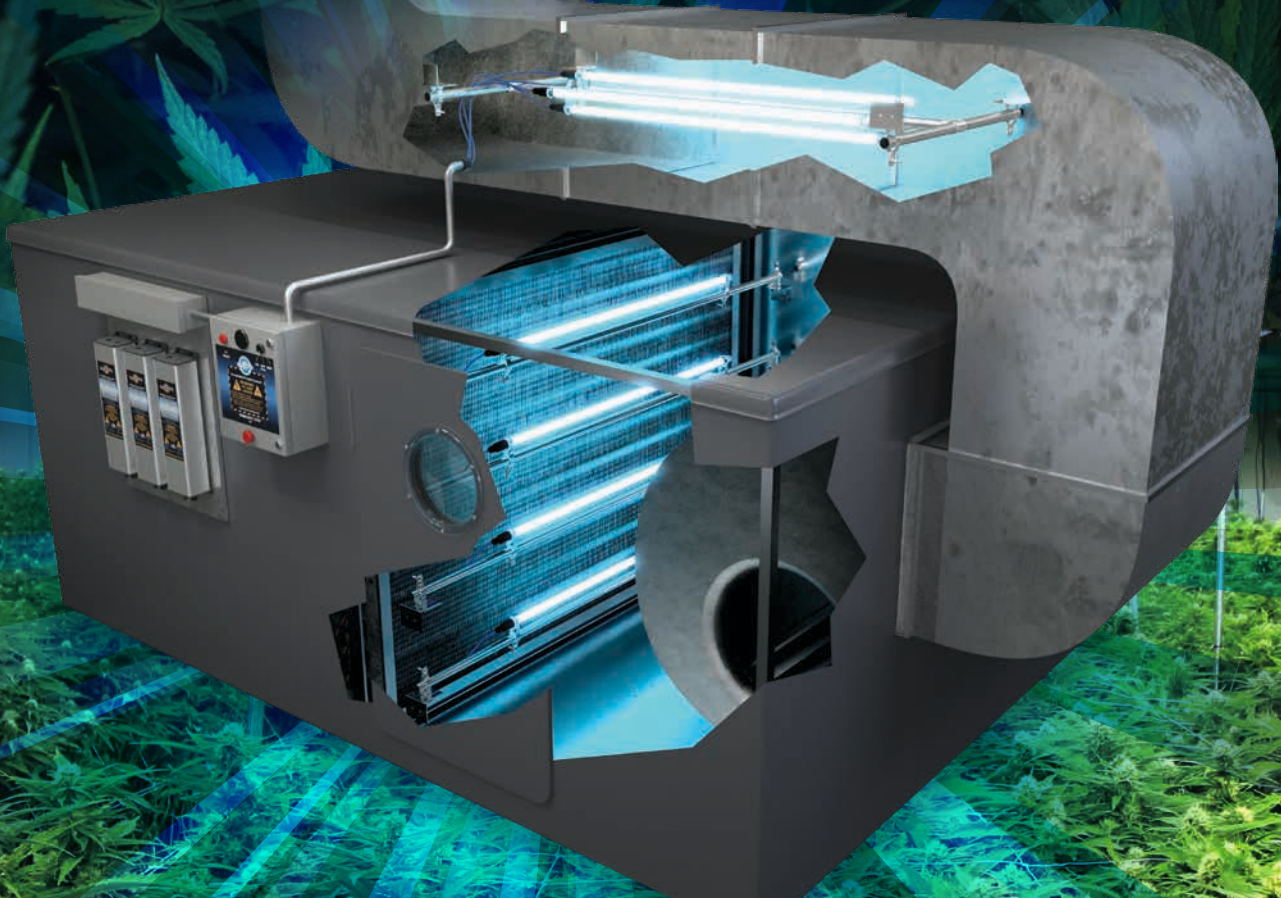
Airborne | Coil | Air Handler | Surface



**PREVENTS**  
AIRBORNE TRANSMISSION OF  
**POWDERY MILDEW**

**CONTROL  
MICROBES & ODORS**

**IMPROVE  
PLANT VIABILITY**



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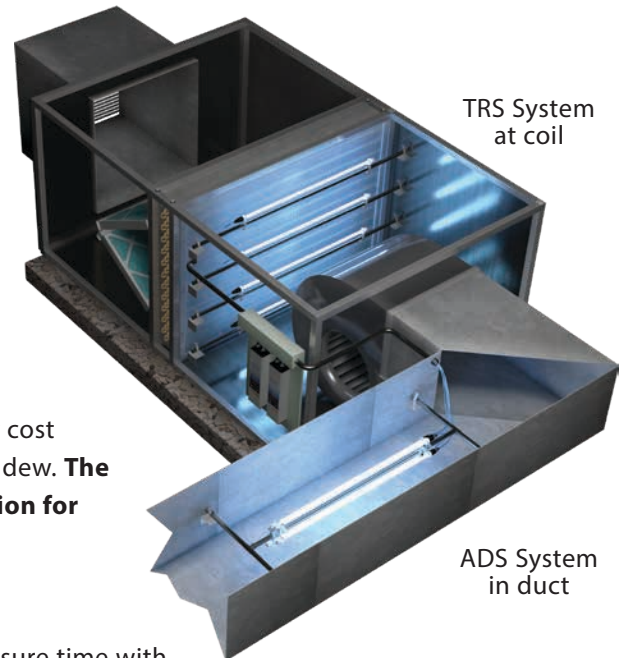


## Cannabis Applications

Cannabis crops must be held to the highest standards. Unfortunately for growers, the bacteria, mold and fungus that contribute to powdery mildew and other bio-contamination can be spread via 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 help prevent them from being transmitted throughout a facility. UV is a powerful tool for cannabis operations to maximize their yields and achieve the highest quality, safest product possible.

### Air Handler & Air Stream Disinfection (TRS System)

The air handler (AHU) distributes conditioned air throughout the grow facility. The evaporator coil, drain pan and surrounding surfaces within the AHU are often a breeding-ground for problematic mold and fungi. The Fresh-Aire UV TRS high-output germicidal lamp system helps maintain a clean, efficient, safe and sterile air handling unit and is a very cost effective way to address microbial contamination including powdery mildew. **The TRS system is ideal for AHU disinfection and for air-stream disinfection for applications with greater than 10 air-changes per hour.**



TRS System at coil

ADS System in duct

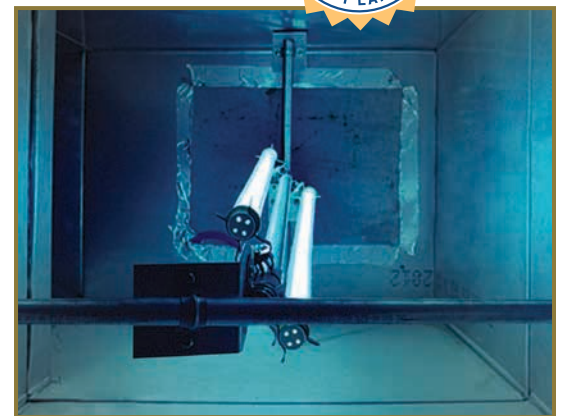
### Airborne Disinfection System (ADS)

The ADS system (mounted parallel in the air-stream) maximizes UV exposure time with the air. Sized according to air velocity (CFM), duct dimension and biological target, the ADS system is available in a full range of (high output) lamp lengths and configurations to achieve up to a 99.9999% biological reduction on a single pass. **The ADS system is ideal for applications with less than 10 air-changes per hour.**



### Odor Exhaust Oxidation (OEO) System

The Odor Exhaust Oxidation (OEO) System employs high-output UV oxidizing lamps to address odors that are being exhausted to outside. The system is very cost-effective with little to no maintenance required other than lamp replacement. **The OEO System the ideal choice for grow facilities wishing to eliminate problematic odors that are being exhausted outside.** It is sized according to CFM, duct dimensions, and duct length and allows for a tailored approach for any exhaust application. Also available with the APCO HYBRID UV / Carbon Ceramic Matrix.



OEO System in duct



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