

V-RES™ Air Disinfection



Perfect for Residential
or Small Commercial
HVAC Systems

Powerful UV Air Disinfection for Homes and Small Commercial HVAC Systems

Proven to Kill Pathogens that Cause a Multitude of Illnesses

In homes and small commercial buildings, airborne pathogens can spread through the air system threatening the health of occupants.

Our UV systems are designed to disinfect air as it passes through the HVAC system and irradiate the entire cross-section of a duct at high intensities.



Kills...

99% of Influenza A virus within 1 hour of air re-circulation

Aspergillus Niger I < 3 hours (continuous exposure) on coils

Serratia Marcescens > 90% (1st. pass) @ 500 FPM

Provides Healthy Indoor Air

UV disinfection decreases instances of people becoming sick due to contamination by microorganisms such as viruses and bacteria.

Reduced Sick Days

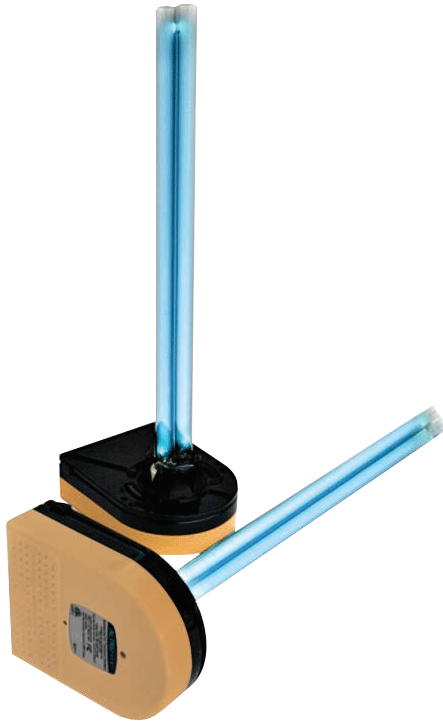
Healthy indoor air helps minimize absenteeism and increases employee comfort and productivity.

Call today to learn how to improve your Indoor Air Quality!

V-RES™ Air Disinfection

Delivers Powerful UV Dose for Eliminating Airborne Pathogens

- Continuous disinfection of air in residential systems and powerful enough for small commercial HVAC systems
- Fewer sick days, less complaints and higher productivity due to a significant reduction in colds and allergies
- Marked improvements for asthma sufferers which can lead to less medication and a higher quality of life
- Reduced energy consumption as a result of improved air flow through the air conditioning coil
- Healthier and safer indoor environment
- 60 watt high output lamp
- Designed for ease of installation
- Multiple safety interlock functions provide complete protection against exposure to UV-C light
- Easy removal and replacement of lamps for routine maintenance



Tech Specs

Input Voltage	Lamp Configuration
	PLL60
120	1.10

Designed for use with 120 VAC input. Approximate current draw (in Amps).

- Footprint size: 4.5" W X 3.5" H X 6.0" L
- Tested for structural integrity with air flows from 200 - 1200 FPM
- Designed for typical air flow of 250 - 500 FPM
- UV-C resistant materials of the lightest weight available

- 1 year bulb life (9,000 hours)
- Lowest available mercury content for ease of disposal (5.5 mg)
- 1500 On/Off cycles per lamp
- Ballast has auto re-strike feature and thermal protection
- Maximum pressure drop of 0.10" of water @ 350 FPM
- Dripping of condensate in system will not affect lamp performance
- Ambient air temperature range: 50°F - 120°F (10°C - 49°C)
- Typical duct air temperature range: 40°F - 130°F (4°C - 54°C)
- ETL listed for regulatory compliance