

Coronavirus (COVID-19) Info & Safeguards

HVAC Disinfection Systems can Help Reduce your Risks!

Info about Coronavirus:

- COVID-19 can remain infectious on surfaces at room temperature for up to nine days.
- Standard HVAC filters trap particles down to 2.5 microns in size. HEPA trap down to 0.3 microns. Many viruses, like COVID-19, can be between 0.06 and 0.14 microns.
- There's potential for airborne transmission of virus-containing droplets.
- Infectious particles in the air could stay aloft long enough to be collected at the return grille of an HVAC system, go through a duct, and infect someone in a different space.

William Bahneth Professor, Pennsylvania State University Founding Dir., Indoor Environment Center



Commercial contractors and homeowners should consider employing both Ionizing and UV germicidal fixtures to mitigate the potential spread of airborne diseases in communal areas.

IONIZING AND UV-C GERMICIDAL SYSTEMS

Disinfection systems for HVAC

Surface-cleaning UV-C and Germicidal systems provide 24/7 irradiation of HVACR components to destroy bacteria, viruses, and mold that settle and proliferate on coils, air filters, ducts, and drain pans, preventing the growth of pathogens that can eventually become airborne and get circulated by HVAC systems.

- **Ionization fixtures inactivate pathogens and attack allergens** - When the ions come in contact with viruses, bacteria or mold, their reaction decomposes surface proteins of these pathogens, thereby inhibiting their activity.
- **Upper-air UV-C fixtures destroy microbes in a matter of seconds** Kill ratios up to 99.9 percent on a first-pass basis have been modeled, and concentrations are further reduced each time the air circulates.
- High-Efficiency filters, commonly used in critical care environments within healthcare facilities, are 99.97 percent effective at trapping particles down to 0.3 microns in size.

PLEASE CALL FOR PRICING:

Ionizing germicidal purification systems

Upper air UV-C fixture

Merv 13 small-micron filters

Installed in a couple hours for immediate results. No major work to existing systems needed.

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