Increase Energy Efficiency and Improve IAQ with Germicidal UV

Healthier air with rapid ROI

UVGI or UV-C is proven to improve indoor air quality while cutting up to 20% of HVAC energy expense. Here are some reasons why:

THE BENEFITS ARE CLEAR

- Boost coil-heat transfer efficiency by up to 14%
- Decrease HVAC energy use up to 20%
- Reduce coil fouling and systems maintenance
- Destroy up to 99+% of pathogens
- Produces no VOCs, chemicals or Ozone

IMPROVED AIR QUALITY

A typical germicidal UV-C in-duct system reduces pathogens on each air exchange cycle and can disinfect a room's total air volume several times each hour.

CENTURY OF PROVEN SCIENCE

Decades of research and thousands of successful applications in commercial offices, hospitals, urgent care centers, schools, universities, and first-responder locations have proven germicidal UV-C's ability to inactivate viruses, mycoplasma, bacteria, fungi and other disease-causing pathogens.

HEALTHY, CLEAN AIR

UV-C offers commercial tenants a healthy, energy-efficient and sustainable solution that delivers a solid ROI (usually in less than 12 months).

DESTROYING PATHOGENS

The CDC[1] and ASHRAE have recommended germicidal UV-C as one technology that can "reduce the risk of dissemination of infectious aerosols."[2]

CHEMICAL-FREE ANTIMICROBIAL

Viruses and bacteria cannot develop a resistance to germicidal UV-C.

AFFORDABLE INFECTION CONTROL

UV-C installations are a simple, effective, and relatively inexpensive means of reducing pathogen concentrations especially during flu season.

STRONG ROI

From a cost standpoint, UV-C is among the most affordable infection mitigation strategies. Upper-room germicidal fixtures can be installed at roughly $6.00 to $6.50 per-square-foot of treated area.

Airstream disinfection systems, or installing UV-C lamps in-duct, are roughly $0.25 to $0.30 per cfm. For a 10,000 cfm system, the installed cost would be about $2,500 and provide year-round protection. A coil efficiency system can run as little as $0.10 to $0.15 per cfm.

Scan this QR code for our list of solutions.

Contact
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UVR UV RESOURCES

The Leader in UV-C Disinfection and HVAC Efficiency

1 CDC. COVID-19 Employer Information for Office Buildings (September 11, 2020). Retrieved from bit.ly/35C6Nst

2 ASHRAE Position Document on Infectious Aerosols (April 14, 2020). Retrieved from bit.ly/AerosolsPD

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