

In-Duct UV for HVAC



Researched, Tested, and Study-backed

Indoor environments are at high risk as they are continually exposed to viruses, bacteria, mold, allergens, and other pollutants that can quickly contaminate air and surfaces and stay active and infectious for extended periods of time, risking health and lives.

Our researched, tested, study-backed, and **affordable** ultraviolet germicidal irradiation (UVGI or UV) equipment harnesses the power of UV-C light to kill pathogens or render them harmless. UV is a well-established means of disinfection used to help prevent the spread of infectious diseases.



PPR SERIES

Patent No. 10806818

WHOLE BUILDING (HVAC/FURNACE) SOLUTIONS **PAH & PPR Series**

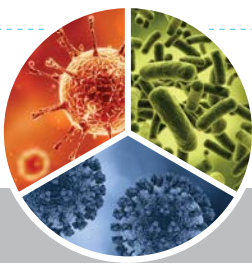
Designed to fit into any new and existing HVAC (indoor split system), Aerapy's **PAH & PPR Series** of in-duct UV disinfecting technology utilizes short-wavelength UV-C light to kill or inactivate pathogens in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganisms and/or rendering them helpless.

Constant exposure of UV-C germicidal energy with moderate air circulation will help to effectively sanitize pathogens such as bacteria, viruses, and molds in the air stream.

PAH systems are for air handling units. PPR systems are for rooftop or package units.



PAH SERIES



Aerapy UV kills >99.9% of tested virus and bacterial pathogens, including SARS-CoV-2 (the coronavirus that causes COVID-19)



"Consider using ultraviolet germicidal irradiation (UVGI) as a supplement to help inactivate SARS-CoV-2, especially if options for increasing room ventilation are limited."

CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), COVID-19 (CORONAVIRUS DISEASE)



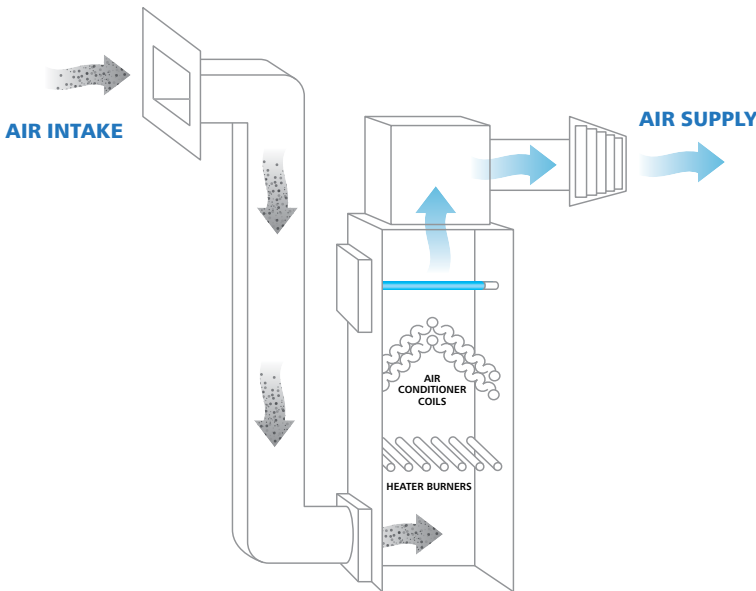
WHOLE BUILDING
(HVAC/FURNACE) SOLUTIONS

PAH & PPR Series

How Does It Work?

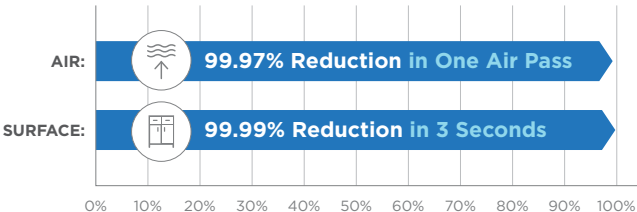
With Aerapy UV equipment installed, as air enters your air intakes, it passes through our in-duct UV systems that neutralize both coil surface and airborne mold, viruses, bacteria, and other harmful microorganisms before they circulate throughout your indoor environment.

With our **PAH & PPR Series** of UV air and coil surface disinfection units, Aerapy can properly size your new or existing HVAC system to quickly and efficiently kill more than 99.9% of tested virus and bacterial pathogens.



PRODUCT FEATURES
Helps kill more than 99.9% of tested virus and bacterial pathogens.
Constructed with stainless steel and aluminum for lasting and sturdy structure.
Features view ports and safety switches for safety inspection.
Made in the USA.
Generates notable energy savings.

Reduction of SARS-CoV-2



In independent laboratory testing, Aerapy UV systems achieved a 99.97% reduction of SARS-CoV-2 in the air in one air pass. On surfaces, 99.99% of SARS-CoV-2 was destroyed in three seconds.

87.1% Reduction

Published three-year retrospective field study using our UV systems showed an 87.1% reduction in upper respiratory infections in the animal study subjects.



We are happy to provide additional information. Just ask!

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