

Proactive Measure - Use of UVC Emitters

- UVC is a known disinfectant for air, water and surfaces, and can help to mitigate the risk of contracting COVID-19 virus when applied correctly.
- UVC light has been used extensively for more than 40 years in disinfecting drinking water, waste water, air, pharmaceutical products, and surfaces against a whole suite of human pathogens.
- All bacteria and viruses tested to date (many hundreds over the years, including other pandemic viruses) respond to UVC disinfection. Some organisms are more susceptible to UVC disinfection than others, but all tested so far do respond at the appropriate doses.
- Normal cleaning and disinfection may leave behind some residual contamination, which UVC can treat.
- The effectiveness of UV light depends on factors such as the exposure time and the ability of the UV light to reach the viruses in water, air, and in the folds and crevices of materials and surfaces.
- Typical uses of UVC emitters are in the AHU, ducted system, cassette, FCU and hi-wall unit cooling coils; they can also be used in ducts.
- Like any disinfection system, UVC devices must be used with care to be safe.
- UVC improves general IAQ for better productivity and less absenteeism.

We will keep on sharing regular updates during the COVID-19 situation.

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