



# FALL VIRTUAL CONFERENCE

## **S2.1: Fundamentals of Air Filtration for Hospitals and Clinics**

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### **ABSTRACT**

With the onset of the COVID-19 pandemic, health care facilities have struggled to manage the surge of new cases which in many locations have overwhelmed the existing medical infrastructure. This has presented new challenges as facility administrators are tasked with how best to insure the health and safety of patients at risk of cross infection from the novel coronavirus and health care workers who serve as the last line of defense against the pandemic. This session will review best practices for mitigating the spread of the virus through proper use of air filtration and ventilation applications. A review of the five distinct areas of a medical facility will form the basis for review, focusing on the minimum air filtration requirements and air change rates for each application.

Recent recommendations on Filtration and Disinfection such as those coming from ASHRAE's Environmental Task Force will be reviewed with a focus on how this document compares to existing guidelines and recommendations. And how collaborative efforts on the part of industry associations have brought practical solutions to this crisis.