



AYMAN ASHKAR

VICE PRESIDENT

ABOUT DBR

DBR provides an alternative to traditional firms by providing better opportunities for our people and as a result, a better experience for our clients.

We hold ourselves accountable to preserve non-renewable resources with our ability to design innovative solutions at the leading edge of building sciences.

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POST COVID-19 HVAC FOR SCHOOLS

DESCRIPTION

The COVID-19 pandemic will change the way we design, operate, and maintain the HVAC systems in schools. Measures to mitigate the spread of the COVID-19 virus and other viruses and harmful bacteria should be implemented to maintain healthier schools and to ensure a safe return to normal activities. This presentation addresses the current Indoor Air Quality measures in schools and the proposed HVAC solutions that can help reduce the risk of spreading viruses. Most of the technologies needed for better Indoor Air Quality and safer operation of the HVAC systems are currently available. Owners should work with engineers to evaluate the current HVAC systems at their schools and develop a re-opening plan.

LEARNING OBJECTIVES

- Current trends for indoor air quality measures in schools
- HVAC solutions & technology that can be used to reduce the risk of spreading viruses and harmful bacteria
- Strategies & recommendations for re-opening schools
- Energy and cost impact

LEARNING UNITS

1 LU | HSW

