



Airborne Virus Mitigation Program

Introducing BrainBox AI's **Free Airborne Virus Mitigation Program**. It is designed to help real estate owners and operators proactively reduce the airborne concentration of SARS-CoV-2 and thus the risk of transmission through the air. The program does not guarantee the elimination of the virus, but by following the ASHRAE protocol and CDC guidelines it helps in providing occupants with a safer and healthier building environment to return to.

Airborne viruses can unintentionally be recirculated throughout building HVAC systems, potentially mixing infected air with fresh air, possibly creating a dangerous environment for building occupants. In the case of COVID-19, recent research completed by the [National Institutes of Health, Princeton University and UCLA, published in the New England Journal of Medicine](#), suggests that it remained viable in aerosols for 3 hours. The research on the airborne propagation of COVID-19 is still ongoing and leading health organizations are still looking at this possibility.

As a proactive measure, the Airborne Virus Mitigation Program applies control system measures recommended by the [American Society of Heating, Refrigerating and Air-Conditioning Engineers \(ASHRAE\)](#), and the [Centers for Disease Control \(CDC\)](#), to building HVAC systems, to help decrease infectious disease propagation and reduce airborne exposure. This is done through the simple process of connecting BrainBox AI's edge device to a building's HVAC system. Thereafter, BrainBox AI autonomously instructs the HVAC system to operate by those ASHRAE recommendations specifically designed to reduce the spread of viruses.

For more information: <https://www.brainboxai.com/resources/airborne-virus-mitigation-program/>

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