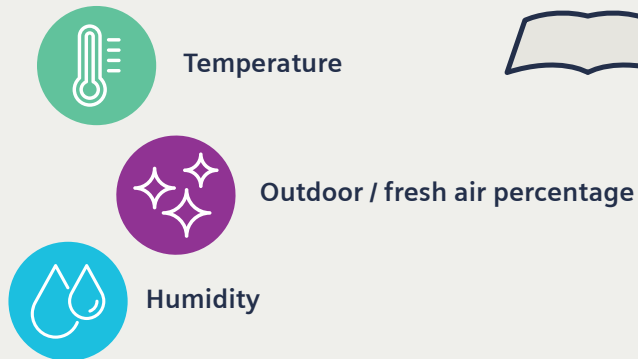


# Intelligently optimize your ventilation strategy with AI

The air we breathe is the medium the COVID-19 virus uses to travel from one person to another. How effectively this happens depends on the conditions of the air.



**3** parameters to help minimize the risk of virus transmission



## Dynamic VAV Optimization applies AI to intelligently harmonize these parameters based on your priorities

### Defense Mode

Establish environmental conditions, pursuant to ASHRAE® recommendations, to help minimize virus transmission while maintaining comfort



Why schools love it



Fast, easy implementation via the Cloud

Adapt easily if ASHRAE guidance changes

Leverage federal COVID-19 relief funds

Provides ongoing operational benefits after to continually optimize the environment and save energy

### Green Mode

After the pandemic, consider switching to Green Mode to enable energy-efficient comfort control and ongoing analytics to become even more sustainable



## Analytics and reporting for peace of mind



### Humidity

Humidity can affect the ability of a virus to remain airborne. However, too much humidity creates uncomfortable conditions indoors. DVO automatically balances humidity based on your priorities.

### Outside airflow rate

Ventilation balances outdoor airflow rates with your energy objectives. For example, a school's ventilation system was operating at 100% outside air (30,000 CFM). But with DVO applied, this rate dropped to 12,000 CFM while still operating within required guidelines.

### Report card A+ NIADE Score Non-Infectious Air Delivery Equivalent

Indoor transmission of airborne viruses is affected by three mechanisms: removal, settling and inactivation. NIADE reflects how temperature, humidity and ventilation rates impact these mechanisms and overall risk. DVO controls the environment using AI to optimize the NIADE score to 100%.

It's truly a value-add to any building. There's peace of mind there too, knowing you can easily and automatically follow guidance from ASHRAE or the CDC – something that would be really cumbersome if you tried to do it manually.

— Jason Sprague, Chief Engineer