

EXPANDED BUILDING VENTILATION

HELPING COMBAT COVID-19



ASHRAE & CDC RECOMMENDATIONS

One of ASHRAE's (the American Society of Heating, Refrigerating and Air-Conditioning Engineers) recommendations is to increase the outside air supply while still keeping the space temperature comfortable. This dilution ventilation will bring additional volume of outside air to ventilate the spaces, reduce the recirculation air back into the spaces and reduce the concentration of any airborne particles that are generated in the spaces.

- Increase ventilation rates
- Increase outdoor air ventilation, using caution in highly polluted areas
- Disable demand-controlled ventilation (DCV)
- Further open minimum outdoor air dampers (as high as 100%)

MEETING GUIDELINES

- Economizer override programming for increased outdoor air ventilation
- Expanded purge durations before and after occupied hours
- Increased ventilation to purge volatile organic compounds (VOCs) caused by increased use of cleaning products

ENHANCING USER EXPERIENCE

As leaders in the industry, L&H Airco creates deliverables that bring value with a multifaceted focus. Our systems balance health and wellness with ease of use for the end user. Our Expanded Building Ventilation program works with existing Alerton-controlled economizer units and economizer Fault Detection & Diagnostics (FDD).

- Expanded Building Ventilation auto tunes to demand with adjustment for temperature stabilization
- One click campus implementation of Expanded Building Ventilation
- Economizer FDD continuously monitors performance & generates alarms if outside air dampers malfunction

CONTACT US TODAY
to discuss HVAC measures to
reduce occupant risk.
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