



BUILDING READINESS HVAC SYSTEM EVALUATION

Daikin Applied and American Air Filter's team of advisors can help you navigate and implement a strategy that's right for your building at this time. Visit DaikinApplied.com/Service today to get in touch with a Daikin service representative near you.

SYSTEM OPTIMIZATION EXPERTS HELP YOU UNDERSTAND **HOW TO IMPROVE YOUR IAQ**

With the advanced technology of Daikin Applied's ventilation solutions, and American Air Filter's expertise in Indoor Air Quality (IAQ), we're here to serve you in these unprecedented times. Daikin Applied and AAF have an unbeatable combination of ventilation and filtration knowledge to help you enhance strategies and solutions for your building's HVAC systems. Engage our team of advisors to evaluate your specific needs, and work through unexpected mechanical challenges as you prepare to improve your building's air quality in the post-COVID-19 environment.

Directly aligned with ASHRAE, we have outlined several strategies to assess and improve your building's air quality.

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ASSESS YOUR BUILDING'S AIR QUALITY

FILTRATION

A comprehensive analysis of your building filtration strategy can guide you to implement measures that lead to cleaner, healthier air. According to ASHRAE, "the use of highly efficient particle filtration in centralized HVAC systems reduces the airborne load of infectious particles." Filtration will not eliminate all risk of transmission because there are many other factors.

However, making the step to increase filtration to MERV 13, or the highest achievable filtration, may reduce the transport of infectious aerosols. Increasing filtration could result in additional stress on your supply fan and potentially lead to higher energy cost. Allow Daikin Applied Service and AAF's filtration advisors to evaluate what other changes your HVAC system might need to handle the new filtration recommendations and system optimization.



VENTILATION

Increased outdoor air ventilation, maintaining temperature and humidity, and keeping systems running longer are ASHRAE's cornerstone recommendations for enhancing indoor air quality. Increasing ventilation will certainly influence energy cost, and temperature/humidity control will vary based on geographic location as well as your building needs. Let our IAQ advisors help you assess your system's capabilities before you make any major investments in equipment or complicated BAS monitoring. Keeping systems running longer follows Daikin Applied's long-standing philosophy of designing equipment for higher efficiencies at lower part load. Using next generation compressor, fan, and plug-and-play remote monitoring technologies, Daikin and AAF will cost effectively find the solution that's right for your application.

AIR CYCLING

Our IAQ advisors can also help you develop a strategy to conduct a building purge at the optimal temperature and humidity levels, based on time of day and outdoor air conditions. This allows for more air exchanges, as recommended by ASHRAE, and helps to keep the cost of cycling in clean air to a minimum. ASHRAE also recommends operating the HVAC systems with maximum outside airflows for two hours before and after occupied times.



FOR MORE INFORMATION ABOUT OUR COMPLETE OFFERING OF HVAC SYSTEMS AND SOLUTIONS, VISIT DAIKINAPPLIED.COM TO FIND AN OFFICE NEAR YOU.