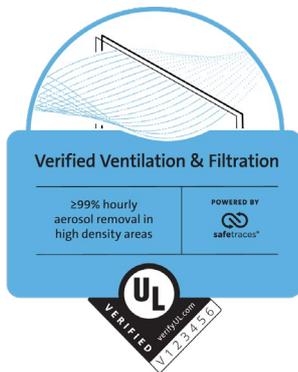


Services for healthy buildings

UL Verified Ventilation and Filtration

Differentiate the health and safety of your buildings with the first-ever verification mark for real-world ventilation and filtration performance for aerosol removal

Infectious aerosols such as coronavirus, influenza and the common cold represent a significant risk to public health and safety due to their high transmissibility and ability to remain airborne for hours, migrating beyond 25 feet indoors. Inadequate ventilation represents the largest source of indoor air quality risk, including airborne pathogens.



The UL Verified Ventilation and Filtration program offers building owners and operators the opportunity to earn the first-ever independent science-based verification mark for aerosol removal in the built environment.

How the program works:

The program combines a comprehensive desktop review of equivalent air change rates (eACH) with field verification of ventilation and filtration performance in high-density areas with [SafeTraces' aerosol tracing technology](#).

Developed with support from the National Institutes of Health (NIH) and leading science organizations, SafeTraces' field diagnostic platform leverages patented DNA-tagged aerosol tracers. These tracers safely simulate respiratory emissions and exposures to airborne pathogens to measure the combined impact of outdoor air ventilation, filtration and air cleaning technologies on HVAC-recirculated air.

The UL Verified Ventilation and Filtration program will:

- Verify at least two equivalent air change rates delivered at the building level using ASHRAE's Equivalent Outdoor Air Calculator
- Verify **99% hourly aerosol removal** in at least 10% of high-density areas using SafeTraces' aerosol tracing technology
- Issue an annual Verification Mark to buildings successfully meeting program requirements

The return on investment (ROI) for participating real estate owners and operators includes:

- Health and safety
 - Reducing aerosol exposure risk
 - Strengthening public trust, confidence and peace of mind
 - Meeting evolving compliance and code requirements
- Financial
 - Reducing risk, cost and liability due to absenteeism and shutdowns
 - Supporting occupancy for those concerned about indoor air quality
 - Optimizing spending on ventilation and filtration systems
 - Reducing building energy consumption from ventilation and filtration

Get started today at [UL.com/VVF](https://www.ul.com/VVF)



Empowering Trust®