

RETURNING TO SHARED SPACES AND PLACES



Four steps to enhanced safety, trust and optimization



RWDI helps ensure new and existing facilities are designed to maximize occupancy in shared areas and optimized to keep air clean

Step 1: Safety check

- Navigate the flood of information from every sector
- Safety guidance and checklists
- Cleaning and occupant behavioral practices
- Operational procedure review and enhancement

Step 2: Safer to stay

- System optimization, commissioning and recommissioning
- Implementation of targeted barriers or modified entryways, lobbies, corridors or travel paths
- Dilution, filtration, stratification and purge plan reviews
- Education development
- Testing and monitoring of air and water quality
- Surface testing for pathogens

Step 3: Investing in safety

- Beyond steps 1 and 2, raising the bar on ventilation performance is crucial. Read on to learn more.

Step 4: Beyond the crisis

- New expectations of safety, health and well-being will include comfort, light, noise, and biophilic practices. Certification, including WELL and Fitwel, will take greater prominence.

Step 1: Safety check

As buildings reopen, leading property owners and operators will develop strategies that address a safer environment for all occupants. Understanding risks and reducing contagion paths will be critical for tenants and users, idled or underperforming building systems may pose risks to occupant safety.

A comprehensive understanding of air quality, water quality, and thermal conditions will be essential to preparing your places and spaces. Our industry-leading experts in healthy-building guidance deliver the most effective practices and technologies to your space type. In a world of frequently changing data and information, we bring you the big-picture perspective you need to make the right choices, right now— filtering information across all sectors to give you the most relevant, immediate, and fundamental actions you can take to check for safety.

Step 2: Safer to stay

RWDI helps owners and operators ensure appropriate measures are in place to minimize the risk of spreading virus or other pathogens. We identify the pathways of contagion specific to spaces and advise on response, which can include occupant density restrictions, targeted barriers or modified entryways, lobbies, corridors



or travel paths. We then help ensure success through the development of educational material and plans around occupant behavior and cleaning practices.

To improve safe outcomes for existing HVAC systems, it is important to ensure they are operating as intended, and that appropriate operational modifications to air flow, outdoor air rates, and filtration are considered. Setting air and water-quality metrics and tracking space performance through monitoring and testing will assure occupants meaningful measures are in place to safeguard their health. Our specialists will work with your design and operation teams and can conduct testing of air, water and other potential pollutants.

Even before taking more substantial steps, we can carry out screening-level calculations, testing, and cost-effective commissioning to determine whether an idea will be effective in practice. We make the right decisions for your spaces, determining first which solutions are most valuable—if any are needed at all.

After we have made our recommendations, we make sure their implementation is successful. Crucially, in a world dealing with the effects of a pandemic, we are able to carry out human and surface testing for pathogens—we are also developing capabilities to test air and water for contaminants—to monitor for safety and ensure the continued effectiveness of our guidance.

Step 3: Investing in safety

For buildings that need to minimize occupant risk—and maximize net-leasable, operational and occupiable areas—effective ventilation design is more critical than ever. [Click here](#) to learn how our leading experts and scientists use state-of-the-art wind tunnels, proprietary tools, and computational fluid dynamic (CFD) simulations to rapidly and accurately understand a wide array of factors and options to ensure the best possible configuration of our clients' ventilation systems.

Step 4: Beyond the crisis—The new normal

This is an opportunity for any organization to lead and demonstrate to their stakeholders their emphasis on health and wellness in shared spaces and places. New expectations of safety, health and well-being will create new demands on real-time monitoring of air quality, including pathogen, comfort, light, noise, and biophilic practices. We can help you obtain industry-leading certifications such as WELL and Fitwel as they take on greater prominence, and support you in adapting to an ever-evolving regulatory environment.