

Indoor Air Quality Assessment



Become more confident in your building— with cleaner and more comfortable indoor air

The Covid-19 pandemic changed our daily lives in ways we never imagined, and we recognize this also affects how you manage the environment within your building. Now is the time to prepare before you invite more people back in to your space, and the quality of the indoor air matters now more than ever.

Trane is ready to help you create confidence in your building plans with fact-based information on the quality of your air. We can guide you through the Trane® Indoor Air Quality Assessment to:

- Restore the **confidence** of employees, tenants and customers that they can return to facilities with more comfortable and cleaner air
- Support **resilience** against future challenges by deploying trusted solutions
- Contribute to your building's overall **sustainability** with targeted investments that generate results



A fresh take on your indoor air quality—from the industry expert

The Trane Indoor Air Quality Assessment will provide concrete guidance based on your overall system performance. We'll help you identify areas for improvement in order to meet guidelines and optimize indoor air quality.

Where possible we will conduct the assessment remotely through your building automation system (BAS). All on-site assessments of the physical environment will be performed following recommended safety guidelines.

When completed, your Account Manager will review the results and share a detailed IAQ assessment report that includes strategic recommendations, with a focus on the key drivers of indoor air quality: building ventilation, humidity control, filtration and clean air.

For example:

- ✓ Modifying your controls sequences and setpoints to optimize ventilation and performance
- ✓ Adding additional sensors to more closely measure humidity and temperature or adding a dedicated outdoor air unit
- ✓ Incorporating air cleaning technologies into your system, like MERV-13 filters or a robust photo catalytic air cleaning system

Building confidence with IAQ

It's a normal human emotion – fear of the unknown. Most people don't know what building management does to ensure the quality of the air in their building. You can help build their confidence by ensuring your HVAC system is performing optimally to provide more comfortable, cleaner indoor air.

Trane is here to help. Like you, we are passionate about clean indoor air. The Trane Air System Quality Recognition award recognizes customers who share that commitment. Customers who participate in the Trane Indoor Air Quality Assessment may be recognized for their efforts by Trane.

To learn more and schedule your Indoor Air Quality Assessment, contact your local Trane office or visit [Trane.com](https://www.trane.com) today.

The transmission of Covid-19 may occur in a variety of ways and circumstances, many of the aspects of which are currently not known. HVAC systems, products, services and other offerings have not been tested for their effectiveness in reducing the spread of Covid-19, including through the air in closed environments.







Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://www.trane.com) or [tranetechnologies.com](https://www.tranetechnologies.com).

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The U.S. Centers of Disease Control and Prevention (CDC) and World Health Organization (WHO) both published recommendations for occupying workplaces.^{1,2} In addition, two leading industry trade associations, ASHRAE and REHVA, published guidance for operating building HVAC systems.^{3,4}

These HVAC-related recommendations generally focus on four key areas:

-  **Dilute:** Proper ventilation ensures that plenty of fresh, outdoor air comes into the building to dilute the buildup of indoor contaminants. Adjusting building ventilation is one tool that can influence indoor air quality.
-  **Exhaust:** Getting exhaust air out efficiently is equally important—especially air from kitchens, restrooms and combustion systems.
-  **Contain:** Maintaining indoor humidity levels within the ASHRAE-recommended range maximizes the comfort of building occupants.
-  **Clean:** Of increasing concern is the HVAC system's ability to reduce micro-organisms, such as mold, bacteria and viruses.

1. Interim Guidance for Businesses and Employers to Plan and Respond to COVID-19, CDC
2. Getting your workplace ready for COVID-19, WHO, dated 3 March 2020
3. ASHRAE Position Document on Infectious Aerosols, dated 14 April 2020
4. REHVA COVID-19 guidance document, dated 3 April 2020

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