



ENHANCED *Facility*™ 

FACT BOOK

A strategic approach to indoor air quality from risk assessment to industrial hygiene protocols, technology and funding.

VIRAL SPREAD AND INDOOR AIR QUALITY

Critical Challenge, Healthy Opportunity

As the COVID-19 pandemic has reshaped the world, global infectious disease specialists have learned more about how the disease spreads and, more importantly, what steps people and companies can take to help keep people safe.



Indoor air quality (IAQ) is emerging as a critical challenge as more research suggests that COVID-19 droplets may remain in the air and could be a primary source of disease transmission.

COVID-19 is just one pathogen among many airborne building contaminants that includes viruses, bacteria, fungi, particulates and volatile organic compounds that can impact and jeopardize human health.

Improvements to indoor air quality combat airborne and surface pathogens and help you improve the safety, productivity and comfort of the people who work in and visit your facilities.

THE SCIENCE OF AIR QUALITY

Best Practices from Industrial Hygiene and Infectious Disease

HVAC systems have always done more than cool and heat the air.

Now, capabilities like ventilation, air exchange rates, filtering, along with advanced technologies for biohazard disinfection are of vital importance to help reduce viral spread and to ensure the long-term health of people and your building.

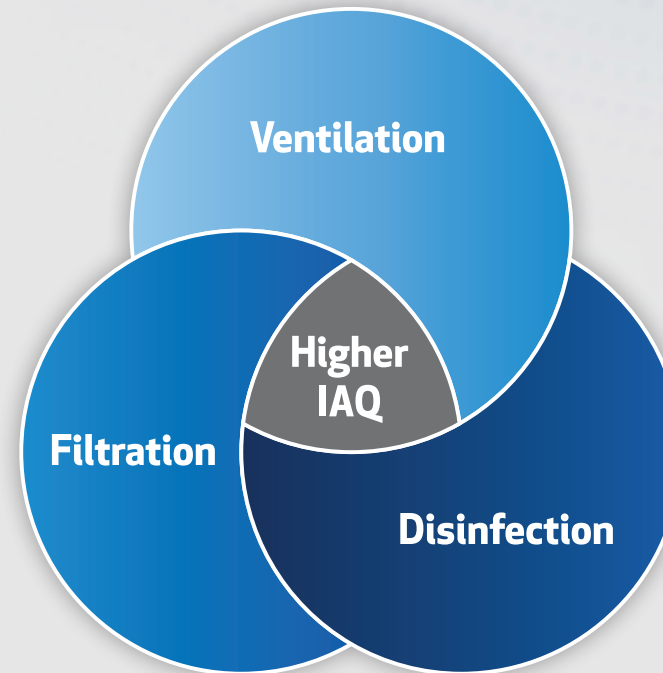
IAQ reflects the complex interplay of a facility's systems and structures, the conditions outside and the people inside. These factors vary enormously by facility.

See air differently.

With backgrounds in healthcare and high hazard industrial settings, infectious disease and industrial hygiene experts literally see air differently. They focus on a systematic approach to optimize air quality, establishing building IAQ baselines and then following rigorous protocols to develop solutions.

Measurement of some of the key indicators, including temperature, carbon dioxide concentrations, air-exchange rates and indoor humidity levels, establish factual baselines to evaluate the wellness of your facility and its unique conditions.

Accepted ways to manage IAQ



1

Ventilation:

Reduce the concentration of airborne contaminants inside.

2

Air cleaning and disinfection:

Remove or destroy contaminants.

3

Source control through filtration:


Prevent contaminants from getting into the facility in the first place.

These approaches work together to help mitigate or minimize the factors that can impact IAQ.

YOUR BUILDING, YOUR AIR

Gain a Strategic, Customized Solution

IAQ Building Factors

A photograph of a modern office hallway with light wood flooring and white walls. A dark blue carpet runner is laid down the center of the hallway. At the end of the hallway, there is a large window and a conference room with several black chairs and a table. The ceiling has recessed lighting.

- Building Age
- Construction
- Geographic Location
- HVAC System
- Ventilation
- Windows
- Humidity
- Air Exchange Rate
- Filtration
- Disinfection Technologies
- Tenant Industries

With indoor air quality, there is no one-size-fits-all solution. Every building is unique, from its age to its construction, systems and geographic location to the types of tenants in those buildings.

Sectors like healthcare, high tech manufacturing and pharmaceuticals have been at the forefront of IAQ innovations. Leading air-quality technologies have been adapted from them. The use of air management systems with improved filtration and ionization technologies to reduce pathogens is a standard healthcare practice that is now being applied to more buildings.

However, before looking to any solutions, we start with the basics for your building. In nearly all facilities, a comprehensive, multifaceted plan is required to make meaningful IAQ improvements, with the goal of reducing overall risk.

For optimal outcomes, IAQ improvements should complement an overall safety strategy with the right combination of technologies and procedures that align with your building's physical and fiscal requirements. Solutions must be feasible, efficient and sustainable to maintain.

ENHANCED *Facility*™

Optimize Your Facility for Better Indoor Air Quality

ABM EnhancedFacility™ is a comprehensive process to improve indoor air quality informed by an independent Advisory Council, including experts in infectious disease and industrial hygiene.

Starting from a fact-based Healthy Building Risk Assessment, it enables you to create a benchmark of your facility's strengths and problem areas and then form a comprehensive plan that spans critical factors from HVAC systems to disinfection and funding.

Healthy Building Risk Assessment:

This assessment tool asks 11 questions to provide you with a rating and a baseline to create a strategic plan with specific technology solutions to improve indoor air quality.

HVAC Optimization:

Methods for improving IAQ and overall building health are identified, including ventilation, humidity control, proper filtration, HVAC disinfecting technologies and building controls.

Disinfection Lighting:

Solutions may be recommended for continuous disinfection of air contaminants.

Touchless Fixtures and Doors:

The risk assessment may identify ways to reduce the number of high touch surfaces in your facility.

Electrical Preventative Maintenance:

Mitigate life and safety risk, reduce downtime and increase reliability.

Energy Efficiency Upgrades:

Reduce operating costs to move funding into other facility improvements.

HVAC Preventative Maintenance:

Incorporating maintenance promotes optimal filtration and disinfection, saves energy, prevents unnecessary repairs and extends the life of your system.



HEALTHY BUILDING RISK ASSESSMENT

Form a Comprehensive, Fact-Based Strategy

ABM begins with a building assessment of facility risk factors, including but not limited to the pandemic. This data-driven analysis determines the most critical needs as they relate to indoor air quality and guides the next steps.

The proprietary ABM Healthy Building Risk Assessment Tool was developed alongside our Expert Advisory Council. It provides a fact-based method to assess and identify IAQ challenges and recommend effective and cost-efficient solutions.

- 1. Categorize your facility's risk exposure.** Your facility's overall risk level is identified (low, medium, high or very high) based on a framework of 11 simple questions.
- 2. Identify your facility's highest priorities.** Your facility's specific risk level defines the most important and effective strategies to take.
- 3. Develop targeted solutions based on your facility's risk level for maintenance, lighting and HVAC systems.** A report of fact-based recommendations help you form a comprehensive, short- and long-term strategy for reopening and operating more safely.



**Schedule Your Healthy Building
Risk Assessment**

ABMEnhancedFacility.com
or call **866-624-1520**

CRITICAL EXPERTISE AND FUNDING FOR IMMEDIATE IMPACT

Gain Access to Options for IAQ Improvement

ABM is a leading provider of facility solutions with 140,000 employees in 350+ offices throughout the United States and various international locations.

A significant part of ABM services are in HVAC and mechanical which work in complement with our depth in facilities engineering and janitorial services. ABM people are in your buildings. They know your occupants. Our work around the country means we are well versed in federal, state and local guidelines related to the pandemic.

Collaborating for Total Building Health

ABM is focused on the total health of your building. Our approach is more comprehensive than offerings from companies who only work in air management. To thoroughly help safeguard people and buildings, indoor air quality should be

part of a larger, systemic approach to cleaning and disinfection to help reduce the spread of viruses, pathogens and other contaminants.

ABM's EnhancedFacility™ and EnhancedClean™ programs work in tandem with scientific rigor to protect, clean and disinfect the air people breathe and surfaces people touch every day. ABM will work with your team to calibrate solutions specifically for your facilities, industry, budgets and overall health and safety goals.

Funding Options

ABM has access to public and private loan programs which could be paid for by savings realized with a Professional Service Agreement (PSA). We are ready to assist with funding options for your indoor air quality improvements.

Sectors

- Aviation
- Banking
- Commercial Office Buildings & Real Estate
- Education
- Food & Beverage
- Government
- Healthcare
- Life Sciences
- Manufacturing
- Retail
- Technology
- Warehousing & Distribution

ABM Expertise

6 BILLION

Square feet of building serviced every day.

50%+

Of Fortune 500 companies rely on ABM.

100,000+

ABM people.

350+

Offices in the US.

GET FACTS TO GUIDE YOUR IAQ STRATEGY

Take Action Now to Set a Sustainable Plan for Facility Health

The COVID-19 pandemic is not an anomaly. It is a step change in public health and a wake up call to do the work and make the critical improvements to help make your buildings healthier and safer for the people who trust them.

ABM EnhancedFacility™ frames up a strategic solution to improve indoor air quality based on best practices informed by independent experts in industrial hygiene and infectious disease.

Those same experts emphasize that facility executives take a fact-based approach to establish a baseline and identify priorities for their facilities. Our Healthy Building Risk Assessment will give you those facts.



ENHANCEDFacility™ 

**Schedule Your Healthy Building
Risk Assessment**

ABMEnhancedFacility.com
or call **866-624-1520**

