

WHAT'S SO IMPORTANT ABOUT IAQ?

GOOD INDOOR AIR QUALITY (IAQ) makes the great indoors a more pleasant place to be. It improves our health, increases productivity, and helps us concentrate and learn. **Take a tour around town to find out how IAQ affects you, no matter where you are.**

AT THE OFFICE

THE DANGER WITHIN: HVAC systems can act as sources of pollutants.¹

WORKER WELLNESS: Poor IAQ is tied to headaches, fatigue, trouble concentrating and irritation of the eyes, nose throat and lungs.²

POWER TO THE PEOPLE: People have less control over the indoor environment in their offices than they do in their homes.³

¹ www.cdc.gov/niosh/topics/indoorenv/hvac.html
² www.osha.gov/SLTC/indoorairquality/index.html
³ <https://www.epa.gov/indoor-air-quality-iaq/indoor-air-quality-offices-and-other-large-buildings>

AT THE HOSPITAL

INFECTION DETECTION: Airborne spread of tuberculosis, influenza or the common cold can be controlled by an HVAC system.⁴

AIRBORNE DISEASE: Infectious particles can stay airborne for hours and be transported over long distances.⁵

HEALTHIER HOSPITAL: High-efficiency particulate filters are likely to reduce airborne infectious particles.⁶

⁴ <https://www.ashrae.org/File%20Library/docLib/About%20Us/PositionDocuments/Airborne-Infectious-Diseases.pdf>
⁵ <https://www.ashrae.org/File%20Library/docLib/About%20Us/PositionDocuments/Airborne-Infectious-Diseases.pdf>
⁶ <https://www.ashrae.org/File%20Library/docLib/About%20Us/PositionDocuments/Airborne-Infectious-Diseases.pdf>

IN SCHOOL

EXPOSED: More than 6 million children have asthma, a condition triggered by tobacco smoke, dust mites, air pollution, pets and mold.⁷

SICK DAY: Asthma is a leading cause of school absenteeism.⁸

TEST TAKERS: Children in classrooms with higher outdoor ventilation rates tend to achieve higher scores on standardized math and reading tests than those in poorly ventilated classrooms.⁹

⁷ www.cdc.gov/asthma/most_recent_data.htm www.cdc.gov/asthma/faqs.htm
⁸ www.cdc.gov/asthma/schools.html
⁹ www.epa.gov/iaq-schools/evidence-scientific-literature-about-improved-academic-performance

AT HOME

BRING THE OUTDOORS IN: You can lower indoor air pollutants by increasing the amount of outdoor air coming in.¹⁰

AT RISK: People most susceptible to poor IAQ are those with asthma, allergies, chemical sensitivities, respiratory diseases, suppressed immune systems and contact lenses.¹¹

FILTER IT: HVAC engineers recommend putting a good particle filter or air cleaner in a home's air handling system to keep dirt out of the air and off the ductwork and heating/cooling components.¹²

¹⁰ www.epa.gov/indoor-air-quality-iaq/improving-indoor-air-quality
¹¹ www.epa.gov/iaq-schools/why-indoor-air-quality-important-schools
¹² www.ashrae.org/resources-publications/free-resources/10-tips-for-home-indoor-air-quality

WANT BETTER IAQ? The right ventilation and building care can help prevent and fix IAQ problems. One important step — using air filters that capture particles 2.5 microns or smaller — can lead to a healthier environment.

For more information go to www.KCfiltration.com



Filtration Products