



HEALTHY BUILDINGS: FUNDAMENTALS

As a global pandemic continues to press the critical importance of health and infection control, the world is seeking ways to help ensure the health and well-being of people everywhere. And today, experts are finding that one of the keys to a healthier future is the indoor environment. Through healthy building strategies and expertise, we can shift the role of buildings beyond places to live, work and learn, and into powerful tools that drive human health and progress.

CARRIER HEALTHY BUILDINGS PROGRAM

As the inventors of modern air conditioning and a world leader in HVAC, refrigeration, and fire and security solutions, Carrier has a legacy of creating safe and comfortable buildings. Now we're building on that legacy through the launch of our Healthy Buildings Program. The program helps customers across key verticals develop safe, indoor environments with a holistic suite of healthy building technologies and services to address the immediate pandemic concerns and long into the future.



COMMERCIAL
OFFICES



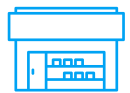
HEALTHCARE



HOSPITALITY



EDUCATION



RETAIL

THE SCIENCE OF HEALTHY BUILDINGS

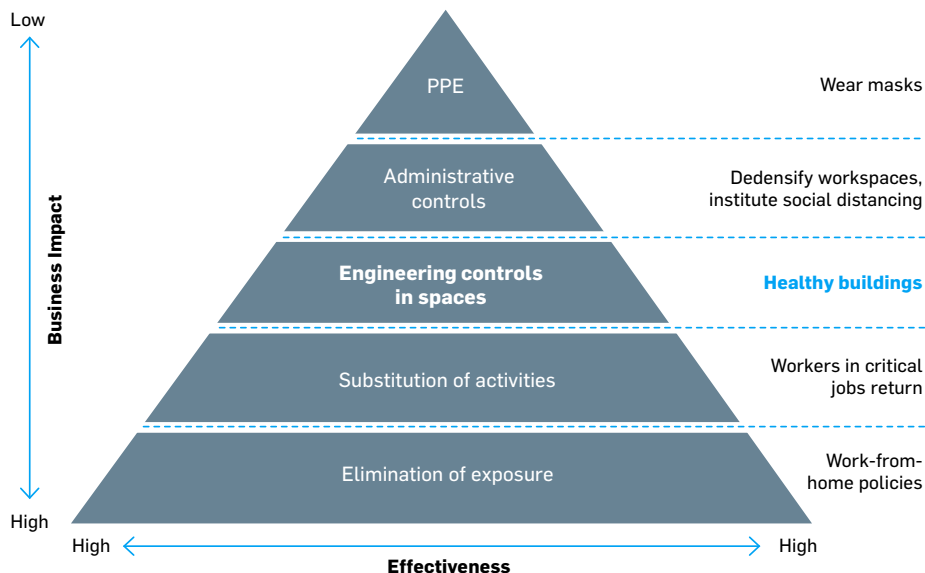
As humans, we spend 90% of our time indoors. Consequently, buildings play a significant role in our lives and directly impact our health. Through the [COGfx Study](http://thehealthfxstudy.com), research has shown that healthy buildings can significantly improve cognitive function. In addition, healthy buildings can impact the bottom line for a business – from reducing energy waste and the related costs to increasing worker productivity.



THE ROLE OF HEALTHY BUILDINGS IN REOPENING

Creating a healthy building through engineering controls in spaces is a key component of combatting COVID-19. It's a strategy that balances overall effectiveness with the financial impact it can have on the business.

Allen, J. G., & Macomber, J. D. (2020, April). What Makes an Office Building "Healthy." Harvard Business Review



BUILDING ON A FOUNDATION

Healthy buildings focus on addressing foundational aspects of the indoor environment to positively impact the people inside. Dr. Joseph Allen and a multidisciplinary team of experts from the Healthy Buildings Program at the Harvard T.H. Chan School of Public Health have identified these key areas as "The 9 Foundations of a Healthy Building." Based on the 9 Foundations, we've outlined actions building owners and operators can take to make their building a healthy building.



HEALTHY BUILDINGS ASSESSMENTS

At Carrier, we understand that many of our customers are facing uncertainty with how to move forward in developing a healthy building strategy. Our experts are here to help – starting with assessments across various aspects of a building.





HEALTHY BUILDINGS SOLUTIONS

Carrier offers a full suite of products and services designed to help customers create healthy building environments. The following are just a few highlights of our offering.

ADVANCED AIRSIDE SYSTEMS



FRESH AIR MANAGEMENT
ENERGY MONITORING
CO₂ LEVEL CONTROL

AIR HANDLING UNITS



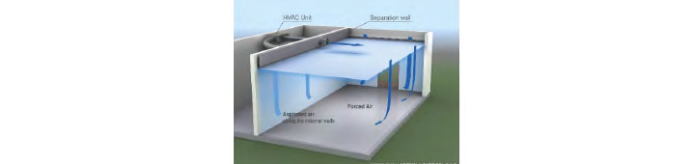
FRESH AIR MANAGEMENT
HEPA FILTERS / CARBON FILTERS
UV LIGHTS / BIPOLAR IONIZATION

ROOFTOPS



CARBON FILTERS
BIPOLAR IONIZATION
CO₂ SENSORS

STRETCH CEILING TECHNOLOGY



HIGH INDOOR AIR QUALITY AND HIGH ENERGY EFFICIENCY
THERMAL AND ACOUSTIC COMFORT COMBINED
WITH INFINITE CUSTOMIZATION

ACTIVAIR HYBRID HYDRONIC AIR TERMINAL



LOW HEIGHT PROFILE
MODULATING CAPACITY AND LOAD REACTIVITY
HIGH VENTILATION CAPABILITIES

AIR PURIFIERS



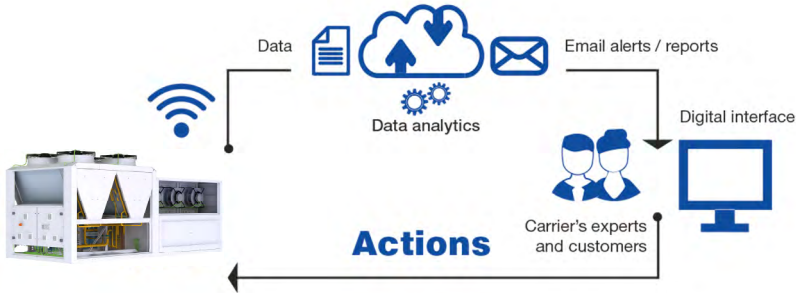
PORTABLE SOLUTIONS
HEPA FILTERS / CARBON FILTERS
UV LIGHTS / BIPOLAR IONIZATION



We will work with you to fully understand the needs of your business.

Our building protection services help to ensure high-quality air by keeping the building's HVAC system properly maintained.

Our BluEdge service platform is designed to meet your requirements and keep your equipment running efficiently.



PREDICTIVE MAINTENANCE

- Remote connection through BMS manages IAQ and ventilation in line with best practices
- Make changes and fix issues remotely
- Optimize maintenance and operational costs
- 24 x 7 command center



HVAC EUROPEAN CONNECTED SERVICES PORTAL

- Provide advanced remote analytics
- Optimize energy efficiency, equipment uptime, occupant comfort and operational productivity
- Actionable insights by different communication protocols
- Optimize autonomously or through a remote application

RETROFIT SPARE PART SOLUTIONS



INNOVATIVE TECHNOLOGIES

- M5 filters
- New filtering media technologies
- High filtration efficiency on PM2.5 particles



ADD-ON RETROFIT ALTERNATIVES

- AHU-UVC add-on kits
- Carbon surface & F7 filtering technology options
- Add-ons are easy to install in the universal frames of existing AHUs
- Effective against viruses, bacteria, small particles and VOCs



RANGE OF FILTRATION SOLUTIONS

- High-efficiency filtration solutions
- A large variety of air filters
- Solutions for our full product range (AHU, RTU, TFCU)
- More than 1300 references of air filters to cover all sizes / filtration needs

GET STARTED WITH AN EXPERT

From safe business reopening to ongoing enhancements to customer experiences, a healthier future starts indoors. Let's work together to unlock the potential of healthy building spaces. Visit us at carrier.com/healthybuildings to learn more about our Healthy Buildings Program and connect with one of our experts.

