



# HEALTHY BUILDINGS PROGRAM



Carrier's Healthy Buildings Program provides an expanded suite of advanced solutions to help deliver healthier, safer, more efficient and productive indoor environments across key verticals including commercial offices, healthcare, hospitality, education and retail. From products to improve indoor air quality and remote services to manage ventilation in buildings to touchless solutions in public spaces, Carrier is redefining the spaces of the future, today.

Here are just a few of the healthy building services and technologies Carrier currently offers.

## Carrier Healthy Building Services

Carrier offers a broad suite of expert services such as consultation, implementation and continuous monitoring. These services can enable customers to restart, operate, maintain and upgrade their buildings to be safer and more efficient.



**Safe Start Service** helps ensure that your building is ready for occupancy through a rigorous recommissioning of HVAC equipment and the implementation of best practices, which may include remote management to ensure social distancing.



**Remote Energy Management** connects your HVAC and other building systems to provide advanced cloud-based analytics with customized AI and IoT driven solutions and services that help optimize energy efficiency, equipment uptime, occupant comfort and operational productivity.



**Emergency Assets** support your building needs with a wide variety of HVAC equipment on demand to meet your building system upgrade requirements to help reopen quickly and safely.



**Remote Airside Management** provides continuous validation of IAQ parameters, periodic checks of equipment health and continuous airside commissioning, enabled by a 24x7 Command Center. Carrier's Remote Airside Management solution leverages Carrier's i-Vu® automation system to remotely manage the building's airside for occupants, which includes remote monitoring and remote management.



**Indoor Air Quality Assessment** to test air quality and develop and implement upgrades to help ensure optimal filtration, ventilation, airflow, controls, etc. Carrier experts can also develop corporate-wide IAQ engineering standards and help implement them.



**Sound Calibration services** includes measurement of noise in HVAC equipment's and propagation of sound to air-conditioned spaces through grilles, diffusers & registers. Scope covers identifying the source of noise and suggest sound mitigation solution.



**Wellness Assessment** includes improvement of building features air, water, thermal, lighting, acoustics, etc. that can positively impact human health and well-being. Wellness Services include an evaluation of a facility's promotion of health and wellness, as well as potential impacts to energy usage. Carrier also conducts performance testing to help ensure continued high-performance operations.



**IAQ/Duct Cleaning** involves cleaning of dust, allergens and unwanted particles residing in the air conditioning equipment's and air ducts, thereby reducing the possibility of having an allergy caused by mold, fungus, mildew, etc. Overall, it improves the indoor air quality and comfort levels.

# Carrier Healthy Buildings Program: Leading the Way to a Healthier Future

## Carrier Healthy Building Technologies

Carrier's Healthy Buildings Program offers customers comprehensive, building-wide technology solutions for today's reimagined environments. In addition to Carrier's comprehensive HVAC, fire, security and controls product offering, the Healthy Buildings offering includes:



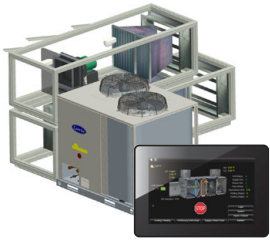
**OptiClean™ Negative Air Machine** is a portable, minimum 500 CFM solution that cleans contaminated air and creates pressure to prevent air from spreading to different sections of a building.



**WEBCTRL® ENVIRONMENTAL INDEX™ TOOL** enables building operators to manage temperature, humidity and CO<sup>2</sup> levels in a way that identifies and addresses healthy building performance issues.



**Advanced Airside Controls Systems** provide an integrated solution which enhances IAQ by increasing outdoor air ventilation rates, improving filtration efficiency & enhance control with multi-contaminant sensor suite.



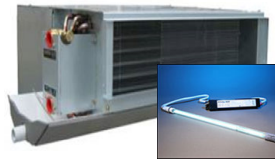
**Isolation Rooms Solution with integrated airside controls** have been designed to reduce the presence of airborne contaminants. It has a supply unit with chilled water or DX coil, a DX condensing unit (in case of DX coil), an exhaust unit and integrated controls to control full system.



**Filtration Technologies** include various MERV filters, HEPA filters for particulate matter electrostatic filters for airborne pathogens, along with devices to target viruses to help remove volatile organic compounds and improve IAQ.



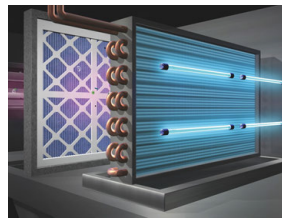
**Anti-Bacterial Coating** provides cost-effective IAQ improvement by reducing the spread of infectious disease by curbing bacterial and microbial growth on the interior of the unit and keeps air-conditioning surfaces cleaner by preventing corrosion.



**ECM Hydronic air terminal unit** delivers increased ventilation and treated air in an energy efficient way with low noise by utilizing EC motors and include key infection control strategy with the help of UVC light.



**Air Quality Sensor** are an accurate and reliable way of measuring measures CO<sub>2</sub> for demand-controlled ventilation applications. These sensors measures CO<sub>2</sub> in ranges of 0 to 2,000 ppm and feature LED CO<sub>2</sub> level indicator.



**UVC Emitters devices** use germicidal ultraviolet-C ("UVC") energy to inhibit both surface and airborne mold, microorganisms and bacteria. Adding UVC to airside equipment's eliminates cleaning of coil and drain pans, saves maintenance costs and significant energy.

## A Comprehensive Approach

### ASSESSMENTS

Our experts take time to understand how each building is performing and identify areas for improvement, with assessments covering indoor air quality, wellness, security and more.

### OPERATIONS

To help ensure performance and facilitate continuous optimization, we enhance buildings with advanced controls and digital solutions and services, including remote management and monitoring.



### UPGRADES

We can implement a range of solutions to improve building performance and the overall health of the people inside with upgrades to HVAC, fire safety, security and building controls.

To learn more about the Carrier Healthy Buildings Program and how we can work together, connect with a Carrier healthy buildings expert today. [corporate.carrier.com/healthybuildings](http://corporate.carrier.com/healthybuildings)



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