



## ***ClimaVision***

# BEING IN CONTROL HAS NEVER BEEN THIS EASY.

Affordable, easy-to-use HVAC automation  
for light commercial buildings—  
controllable from anywhere.



Ideal for buildings up to 50k ft<sup>2</sup>



## ClimaVision brings the power of HVAC automation to smaller buildings and smaller budgets.

Too often, owners and managers of small buildings have to choose between programmable thermostats and complex building automation systems.

Now there is another option. Carrier **ClimaVision** is a lightweight HVAC automation solution designed specifically for smaller buildings like yours.



Bringing control, comfort and energy savings to smaller buildings.



**ClimaVision**

### ClimaVision is:

- Intuitive, providing centralized control of your HVAC system from any web-enabled device.
- Sustainable, driving comfort, energy efficiency, and operational savings through simple automation.
- Affordable, with quick installation and out-of-the-box features.
- Flexible, supporting single or multiple sites, single zone or multi-zone applications, and Carrier or non-Carrier HVAC equipment
- Accessible, providing secure access from anywhere using cloud connectivity.

***ClimaVision is a seamless replacement for aging Carrier VVT systems and offers enhanced features and functionality.***

# Efficiency with ease.

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## Centralized Control for Better Management

ClimaVision is the single point of control for managing comfort in your facilities, whether you have a single site or multiple sites. This means you no longer have to walk to different locations in your buildings to adjust thermostats.

- An intuitive web user interface and app allow you to manage your HVAC system(s) from anywhere.
  - Stay connected to your building(s) around the clock, responding quickly to everything from hot/cold concerns to alarm conditions.
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## Zoning & Indoor Air Quality for Enhanced Comfort

ClimaVision optimizes occupant comfort and productivity through zoning and indoor air quality (IAQ) control.

- Split your building into multiple zones for better comfort. ClimaVision's smart wireless controls and dampers provide the precise amount of heating and cooling to each zone.
  - Replace an existing Carrier VVT zoning system with ease, or create new VVT or VAV zoning systems in your space. Supports both single zone and multi-zone applications for better control.
  - Gain real-time insights and manage IAQ conditions, including temperature, humidity, CO<sub>2</sub>, VOCs, and PM<sub>2.5</sub>.
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## Built-in Intelligence for Energy Savings

ClimaVision's intelligent, out-of-the box features help reduce energy consumption and improve overall efficiency.

- Scheduling and zoning capabilities ensure your HVAC system only runs when and where it is needed.
- Pre-packaged, energy saving control strategies include optimal start/stop, occupancy sensing, and demand control ventilation.
- Support for industry standards like ASHRAE Guideline 36, California Title 24, and OpenADR 2.0 maximize energy efficiency while helping reduce carbon footprint.

## Ideal Applications



Office Buildings



Retail / Strip Malls / Restaurants



Medical Facilities



Places of Worship



Hotels / Senior Living



Schools / Daycare Facilities

# Precise control at your fingertips.

**Real-Time Visibility:** View comfort conditions and equipment status at a glance, while gaining insights to improve building performance.

**Easy Adjustments:** Adjust setpoints and schedules as needed. Group spaces so you can change setpoints or schedules for areas versus a single room. Reduce energy waste by setting schedules based on occupancy patterns.

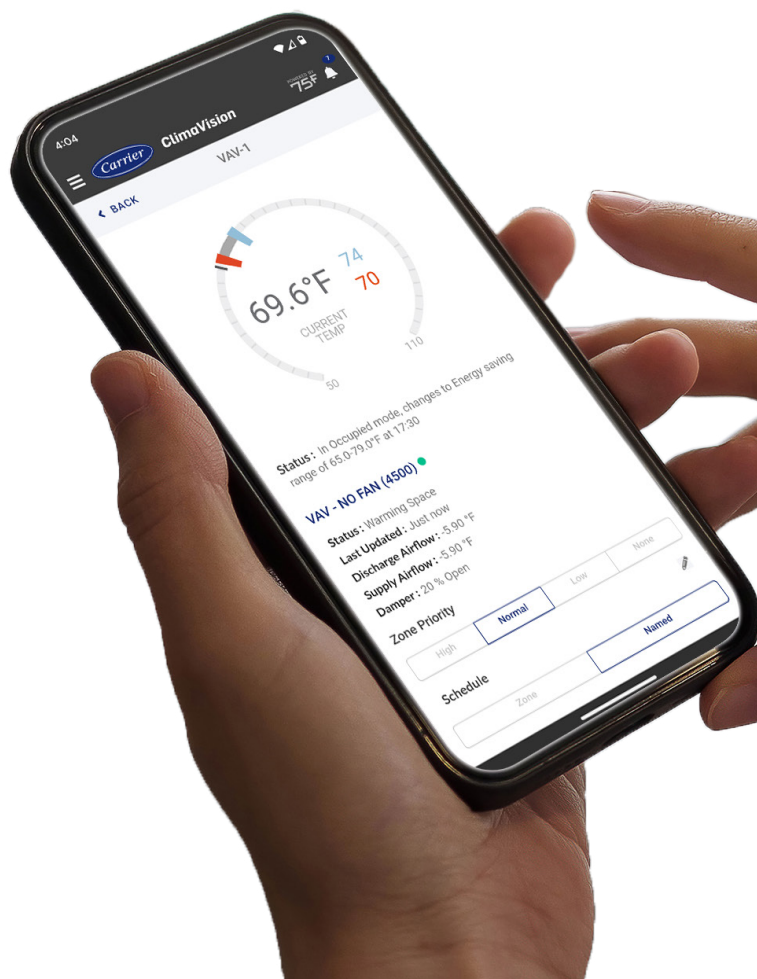
**Pre-Built Dashboards and Reports:** Improve system operation by tracking patterns of energy use and identifying areas of inefficiency. Monitor and measure performance and compare it to your energy or carbon goals.

**Timely Alerts:** Receive alerts when issues arise—wherever you are. Take corrective action early—before occupants start complaining.

**Anywhere Access:** ClimaVision uses the power of the cloud to keep you connected to your sites from anywhere at anytime. A variety of user interfaces allow you to manage your HVAC system from the wall, your desk, or on the move.

**Wall-Mounted Interface:** When you are in the building, you can view and manage the ClimaVision system from a wall-mounted 8" graphical touchscreen tablet.

**Convenient Occupant App:** Gives designated occupants full control of the setpoints in their areas using their mobile phones.



# Unrivalled insight and control for owners, operators, and occupants.

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## ClimaVision Web User Interface (UI)

Navigate the full-featured graphical UI with ease from any laptop or desktop computer, and enjoy remote monitoring and control across a single building or an entire portfolio.

- View comfort conditions across your building portfolio
- View heatmaps for quick insight into hot and cold spots
- Manage setpoints and schedules
- Access real-time system data
- Generate energy usage reports
- Receive and respond to system alerts
- Manage users and system settings



## ClimaVision Central Control Unit (CCU)

Step up to this 8" removable, wall-mounted touchscreen tablet and on-site user interface for building management.

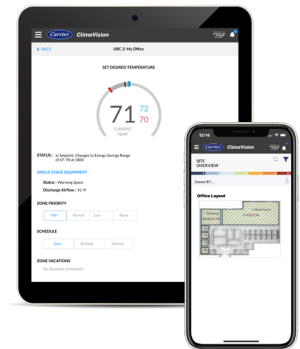
- View comfort conditions
- Adjust setpoints
- Set schedules



## ClimaVision Facility Mobile App

Put the power of ClimaVision monitoring and control in the palm of your hand with the official iOS and Android apps.

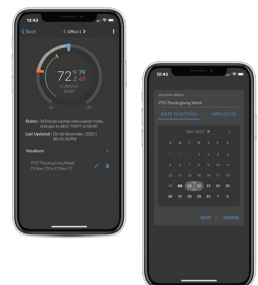
- View comfort conditions
- View heatmaps
- Change setpoints
- Set schedules
- Receive and respond to system alerts



## ClimaVision Occupant Mobile App

Makes it easy for designated occupants to manage comfort in their own spaces.

- View current zone conditions
- Use sliders to adjust zone temperature set points
- Create vacation schedules for their zone to save energy



# Quick installation. Lasting benefits.

## Fast installation and quick payback

- Controllers connect and communicate using secure wireless technology, reducing labor and other installation costs in both retrofits and new construction.
- Lower installation costs plus advanced energy-saving strategies and features help ClimaVision pay for itself faster—and start delivering a solid return on your investment sooner.

## Always up-to-date

When connected to the internet, ClimaVision uses the power of the cloud to:

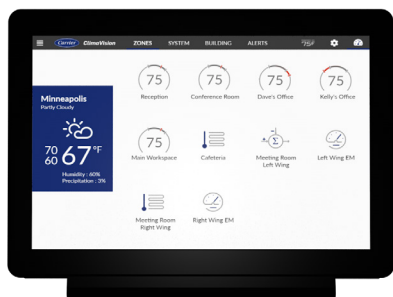
- Automatically update software and firmware to reduce the risk of cyberthreats.
- Evaluate and update its built-in control algorithms.
- Keep your system current with the latest industry standards for energy efficiency, performance, air quality control, and comfort.

## Ready for the future

- If your building needs change, ClimaVision's wireless connections make it easy to add more equipment, zones, or buildings at any time—cost-effectively and with minimal disruption.
- As new features are added to ClimaVision software, you can choose to upgrade your existing system and enjoy the latest functionality.



# Take full control of every zone in your building.



**Central Control Unit (CCU)** provides building-wide visibility and management over all zones, with multiple inputs and outputs plus pre-packaged, configurable control sequences for air source control



**HyperStat advanced IAQ thermostat** offers single-zone equipment control, with on-board sensors for occupancy, temperature, humidity, CO<sub>2</sub>, VOC, light, sound (dB), and an optional PM2.5 particulate sensor



**Smart Node zone controller** features multiple inputs and outputs plus prepackaged, configurable control sequences, making it ideal for zoning control



**HyperSense Sensor** temperature, humidity, CO<sub>2</sub>, VOC, occupancy and PM2.5 (optional) plus user interface and setpoint adjust



**HyperStat Split** for advanced RTU control with support for economizer, DCV, VFD, condensate overflow, filter status and more (Title 24 compliant)

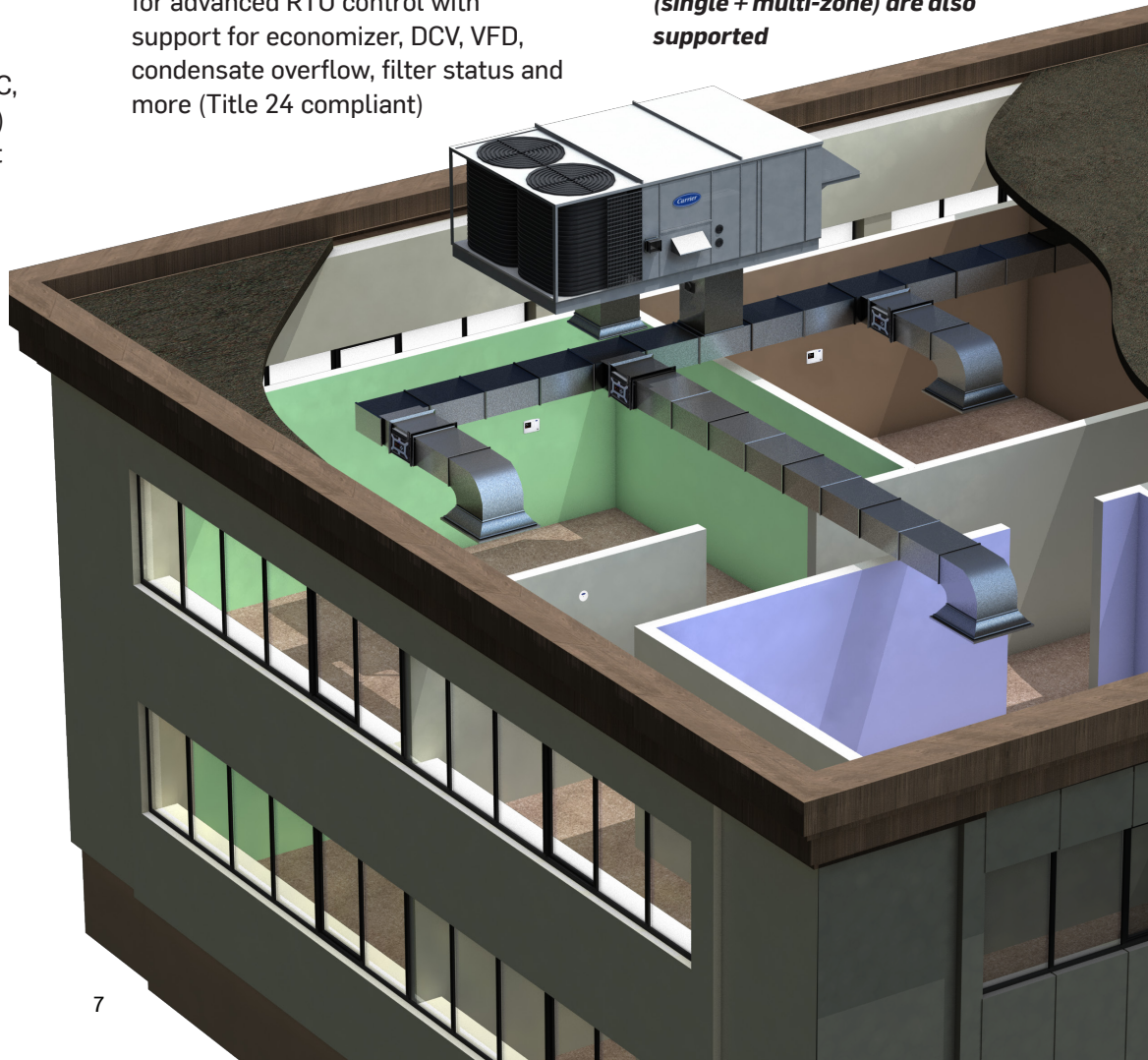
**Multi Sensor** temperature, humidity, CO<sub>2</sub>, and occupancy



**Wall Sensor** temperature and humidity



**A typical VVT multi-zone application. Single-zone and mixed systems (single + multi-zone) are also supported**



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**Talk with an Expert Today.**

Get in touch with your local Carrier expert at  
[www.carrier.com/find-an-expert](http://www.carrier.com/find-an-expert)

or visit [www.carrier.com/climavision](http://www.carrier.com/climavision).

