



ClimaVision **Wireless Multi Sensor**

Part # 7C-SE-C75X-X

The Integrated Wireless Solution for Building Intelligence

The ClimaVision Wireless Multi Sensor is an all-in-one wall sensor providing high-precision indoor air quality (IAQ) data to augment building intelligence. Seamlessly integrating into the Carrier ClimaVision ecosystem via Bluetooth, it enables efficient zoning control and occupancy-based energy sequences without the cost of pulling new wires. This scalable solution empowers building owners to enhance comfort and efficiency in critical spaces with minimal installation complexity.

Features and Benefits

Integrated System Automation: Pairs via Bluetooth LE5.4 with all ClimaVision zone devices (HyperStat, HyperLite, Smart Node, MyStat, and MySense) to trigger automated energy-saving sequences.

Occupancy-Driven Efficiency: Utilizes integrated PIR sensors and specialized algorithms to trigger automated energy-saving sequences like Auto Away and Auto Forced Occupied.

Simplified Deployment: Employs a wireless, battery-powered design to create labor efficiencies by reducing the requirement for new wiring infrastructure.

Extended Operational Reliability: Features a high-efficiency design to for 3+ years of performance using standard AA batteries.

Compliance-Ready Air Quality: Provides high-precision CO2 measurements designed to aid in compliance with ASHRAE Standard 62.1 for accurate indoor air quality and ventilation management.

Scalable Environmental Monitoring: Supports 7 wireless sensors can be paired to a single zone device with up to 4 of a single type to provide accurate zone averaging across expansive or complex indoor spaces.

Universal Equipment Support: Compatible with a wide range of mechanical profiles to enable out-of-the-box zoning control for VAV, VVT, and single-stage equipment.

Certified Safety Compliance: Meets UL 2043 standards for heat and smoke release to ensure the device is suitable for installation in air-handling spaces.

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Specification	
Compatible Applications	VVT, VAV , Outside Air Optimization, Single-Stage Equipment, and Remote Sensing for HyperStat.
Power	(2) standard AA Alkaline batteries; \$3+ years typical battery life.
Operating Temperature	32°F – 122°F (0°C – 50°C)
Temperature Sensor	32°F – 122°F (0°C – 50°C); typical accuracy of +/- 1°F or 0.2°C
Humidity Sensor	Sensing range between 20 to 100%RH; Typical accuracy of +/- 2% RH
Occupancy Sensor	PIR sensor senses targets within 10 feet (3 meters) at a 110° angle.
CO2 Sensor	CO2 sensitivity and accuracy meets ASHRAE Standard. Range: 400 – 5,000 ppm; Accuracy: +/- 50 ppm +/- 3% of reading.
Communication	Bluetooth LE 5.4; Range up to 30 feet (10 meters) line of sight.
Compliance	UL 2043 "Fire Test for Heat and Visible Smoke Release for Discrete Products".
Mechanical Dimensions	3.34" x 1.18" (85mm x 30mm).
Mounting	Wall mount.

Dimensions

