ClimaVision Wall Sensor

Provides essential measurements of zone temperature and humidity

Wall Sensor | Part # 7C-SE-C43K-X

– Accurate temperature readings

– Accurate humidity readings

– Sleek design, low impact aesthetics

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ClimaVision's suite of sensor offerings gives building owners the power of IoT-connected devices for optimal efficiency and comfort in spaces where it matters most. Measure to manage with the Wall Sensor, a high-precision temperature and humidity sensor that pairs with the ClimaVision Smart Node to deliver data that influences equipment control. This device can be daisy chained with other sensors to provide an extensible sensor network.

Part # 7C-SE-C43K-X

OVERVIEW

The Wall Sensor adds a high precision temperature and humidity sensor that is pre-calibrated from the factory. The Wall Sensor is easily mounted on a wall by a single toggle bolt. A Wall Sensor paired with a ClimaVision Smart Node results in a clean aesthetic in your space while minimizing installation times.

The Wall Sensor provides accurate temperature and humidity values from your space to the Smart Node, which reports these values to the ClimaVision Central Control Unit (CCU).

KEY FEATURES

- Accurate temperature readings (typical +/- 1°F or 0.2°C)
- Accurate humidity readings (typical +/- 2% R.H.)
- 3-wires to communicate with a master device such as the ClimaVision Smart Node
- Can be daisy-chained with other sensors to provide extensible sensor network

ADDITIONAL FEATURES

- Sensor bus for power and communication
- Sleek design, low impact aesthetics
- Factory pre-calibrated
- Easily mounted

APPLICATIONS

- VVT
- VAV
- Outside Air Optimization
- Single Stage Equipment
- Remote Sensing for HyperStat

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FRONT VIEW

(Ø 45.9)

Dimensions	Circumference: 1.8" (46mm) Surface depth: 0.2" (5.6mm) Length: 2.4" (62mm) Backplate height: 1.0" (26mm)
Mounting	(1) toggle bolt, requires 1" hole in drywall
Operating Temp	0°F - 122°F (-18°C – 50°C)
Termination	3 pin Molex connector
Accuracy	Humidity (typical +/- 2% RH), temperature (typical +/- 1°F or 0.2 °C)

(62.5)

SIDE VIEW

ELECTRICAL

Power	6.5V DC provided by Smart Node via 3 pin connectors

COMMUNICATIONS

Wired	3-wire sensor bus for power and communication. Up to 4 sensors can be connected on the bus.