

# ClimaVision Ceiling Sensor

High-precision temperature and humidity measurement for increased comfort



Ceiling Sensor | Part # 7C-SE-C9X-CE

- Accurate temperature readings
- Accurate humidity readings
- Sleek design, low impact aesthetics

# ClimaVision Ceiling Sensor

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. This rings true even for wide open spaces or zones without room for a wall-mounted sensor.

The Ceiling Sensor mounts easily to the ceiling with a threaded bush and is adjustable with a set screw, making temperature and humidity readings not only possible in airy spaces, but accurate, too.



Part # 7C-SE-C9X-CE

## OVERVIEW

The Ceiling Sensor offers high-precision measurement pre-calibrated from the factory for measuring comfort factors of temperature and humidity. The Ceiling Sensor is easily mounted on a ceiling by a threaded bush. The module drop from the ceiling can be adjusted via a set screw. The Ceiling Sensor uses a proprietary 1-wire protocol to communicate with other devices such as the Central Control Unit, Smart Node, or HyperStat.

## KEY FEATURES

- Accurate temperature readings (typical +/- 1°F or 0.2°C)
- Accurate humidity readings (typical +/- 2% RH)
- Easily mounted on ceiling via threaded bush
- Module drop can be easily adjusted

## ADDITIONAL FEATURES

- Sleek design, low-impact aesthetics
- Can be daisy-chained with other sensors to provide extensible sensor network
- Communicates over a proprietary 3-wire sensor network with ClimaVision controllers like the Smart Node

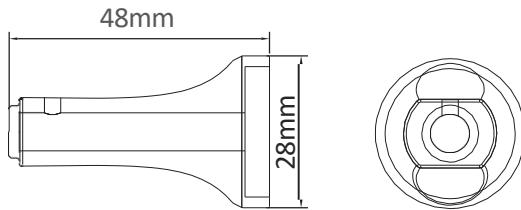
## COMPATIBLE APPLICATIONS

- VVT
- VAV
- Single-Stage Equipment Controls
- HyperStat Remote Sensing

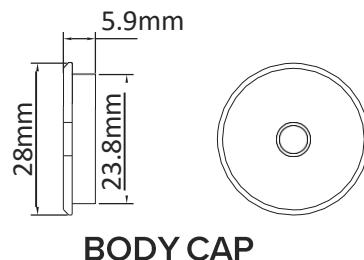
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## MECHANICAL

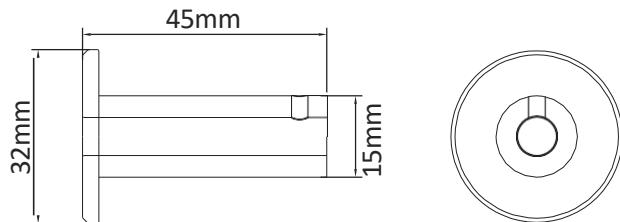
Dimensions	Body length: 1.89" (48mm) Max body height: 1.10" (28mm) Male bush length: 1.77" (45mm) Male bush max height: 1.26" (32mm) Included wire: 20' Drop adjustments extender: 8" (203mm)
Mounting	(1) threaded bush, requires 15mm hole in ceiling tile
Operating Temp	0°F – 122°F (-18°C – 50°C)
Termination	3 pin connector
Accuracy	Humidity (typical +/- 2% RH), temperature (typical +/- 1°F or 0.2°C)



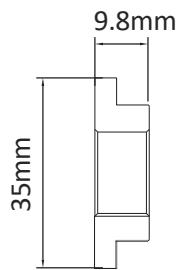
**BODY**



**BODY CAP**



**MALE BUSH**



**FEMALE BUSH**

## COMMUNICATIONS

Wired	Proprietary 1-wire protocol to communicate with master devices
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## ELECTRICAL

Power	3.3V DC provided by Smart Node via 3 pin connectors
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