ClimaVision Flush Sensor

Intelligent flush-mount temperature and humidity sensor

Flush Sensor | Part # 7C-SE-C17C-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. The Flush Sensor provides accurate temperature and humidity values from your space to the Smart Node, which reports these values to the Central Control Unit (CCU) for zone monitoring and control. This sleek device mounts to a wall or metal beam duct with self-drilling screws, saving you time and money on installation.

Part # 7C-SE-C17C-X

OVERVIEW

The Flush Sensor adds a high-precision temperature and humidity sensor that is pre-calibrated from the factory. The Flush Sensor is easily mounted on a wall or metal beam duct by self-drilling screws.

Unlike a Wall Sensor, it does not involve drilling a hole for the mounting or running wiring behind the surface. This sensor paired with the Smart Node results in a clean aesthetic while minimizing installation times.

KEY FEATURES

- Accurate temperature readings (typical +/- 1°F or 0.2°C)
- Accurate humidity readings (typical +/- 2% RH)
- Surface mounting, non-intrusive wiring

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
- HyperStat Remote Monitoring

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MECHANICAL

Dimensions	Back plate: 2.52" x 0.41" (64mm x 10.5mm) Front plate: 1.57" x 0.31" (39.93mm x 7.95mm)
Mounting	Self-drilling screws
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)
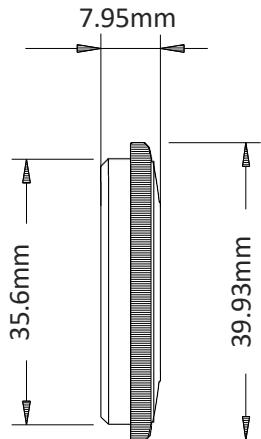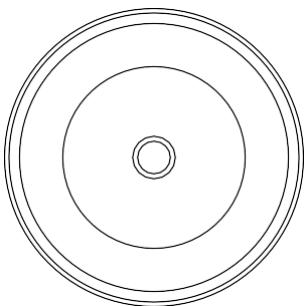
FRONT PLATE
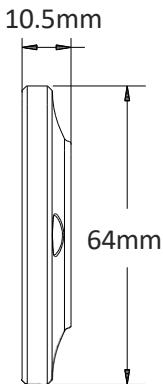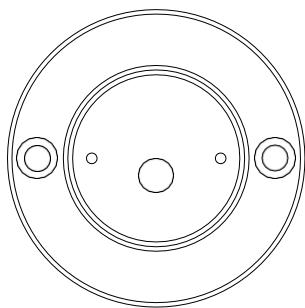
BACK PLATE

ELECTRICAL

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

COMMUNICATIONS

Wired	Sensor bus for power and communication; proprietary 1-wire protocol to communicate with a master device