75F® **Wall Sensor**™

Provides essential measurements of zone temperature and humidity

– Accurate temperature readings

– Accurate humidity readings

– Sleek design, low impact aesthetics

75F® Wall Sensor™

75F'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 75F Wall Sensor, a high-precision temperature and humidity sensor that pairs with the 75F Smart Node to deliver data that influences equipment control. This device can be daisy chained with other sensors to provide an extensible sensor network.

OVERVIEW

The 75F 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 75F® 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 and the Smart Node reports these values to the 75F® Central Control Unit™ (CCU).

KEY FEATURES

- Accurate temperature readings (typical +/-0.2C)
- Accurate humidity readings (typical +/- 2% R.H.)
- Proprietary 1-wire protocol to communicate with a master device such as the 75F® 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

ADDITIONAL FEATURES

- 75F® Dynamic Airflow Balancing™
- 75F® Outside Air Optimization™
- 75F® Smart VAV with Reheat™
- 75F® Single Stage Equipment™
- Remote Sensing for HyperStat

INCLUDED

(1) Wall Sensor

75F® Wall Sensor™

MECHANICAL

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 connector
Accuracy	Humidity (typical +/- 2% RH), temperature (typical +/- 1°F or 0.2°C)

ELECTRICAL

Power	6.5V 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

(Ø 45.9)

FRONT VIEW

(62.5)

SIDE VIEW