

SPEC SHEET

# 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 +/- 1F or 0.2C)
- Accurate humidity readings (typical +/- 2% R.H.)
- 3-wires with 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

## APPLICATIONS

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

## INCLUDED

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(1) Wall Sensor

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# 75F® Wall Sensor™

## MECHANICAL

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

## ELECTRICAL

<b>Power</b>	6.5V DC provided by Smart Node via 3 pin connectors
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## COMMUNICATIONS

<b>Wired</b>	3-wires with proprietary 1-wire protocol to communicate with a master device such as the 75F® Smart Node™
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