

SPEC SHEET

# 75F<sup>®</sup> Flush Sensor<sup>™</sup>

Intelligent flush-mount temperature and humidity sensor



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

# 75F® Flush 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. The Flush Sensor provides accurate temperature and humidity values from your space to the Smart Node, which reports these values to the 75F® 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.



## OVERVIEW

The 75F® 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 the Wall Sensor, it does not involve drilling a hole for the mounting or running the wiring behind the surface. A Flush sensor paired with a 75F® Smart Node™ results in a clean aesthetic in your space while minimizing installation times.

## KEY FEATURES

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

## ADDITIONAL FEATURES

- Sleek design, low impact aesthetics
- Easily mounted with self-drilling screws; does not involve drilling holes or wiring

## APPLICATIONS

- 75F® Dynamic Airflow Balancing™
- 75F® Smart VAV with Reheat™
- HyperStat Remote Monitoring

## INCLUDED

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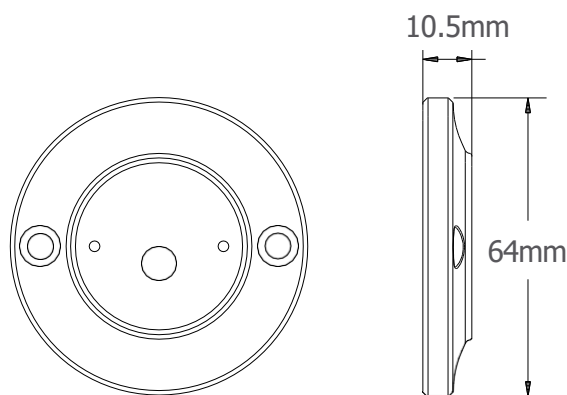
(1) Flush Sensor

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## MECHANICAL

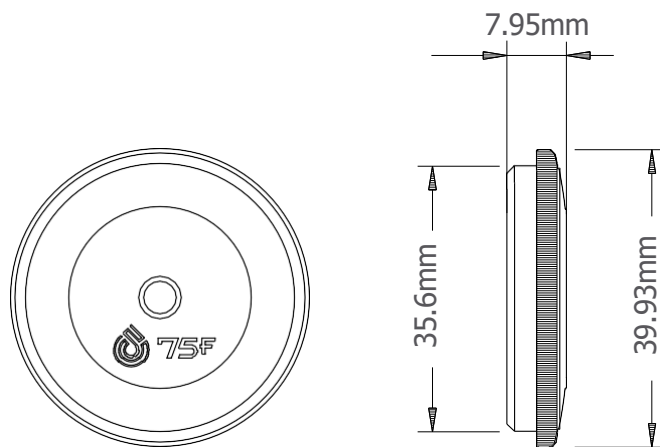
<b>Dimensions</b>	Back plate: 2.52" x 0.41" (64mm x 10.5mm)
	Front plate: 1.57" x 0.31" (39.93mm x 7.95mm)
<b>Mounting</b>	Self-drilling screws
<b>Operating Temp</b>	0°F - 122°F (-18°C – 50°C)
<b>Termination</b>	3 pin connector
<b>Accuracy</b>	Humidity (typical +/- 2% RH), temperature (typical +/- 1°F or 0.2°C)



**BACK PLATE**

## ELECTRICAL

<b>Power</b>	3.3V DC provided by Smart Node via 3 pin connectors
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**FRONT PLATE**

## COMMUNICATIONS

<b>Wired</b>	Sensor Bus for power and communication; proprietary 1- wire protocol to communicate with a master device
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