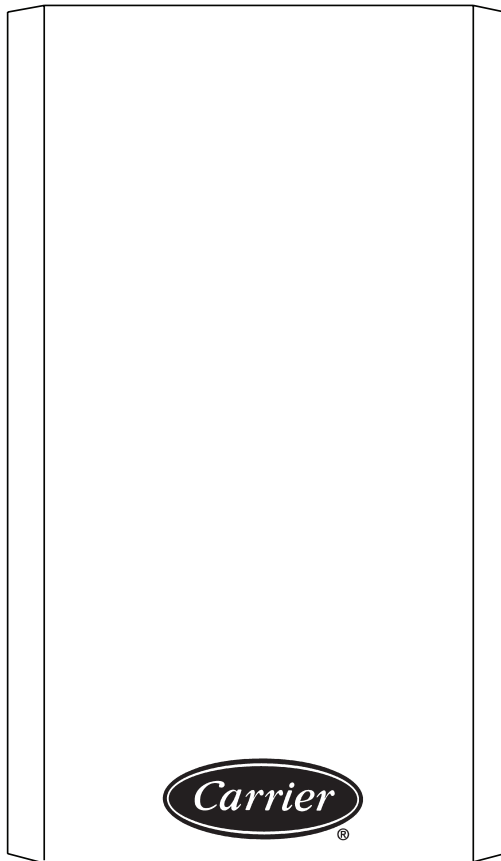




# Product Specification

# Open Controls SPT Standard Space Temperature Sensor

Part No. SPS



Carrier's SPT Standard space temperature sensors provide the following features and benefits:

- designed for use with the open protocol line of controllers by Carrier
- provides precision measurement
- attractive low profile enclosure
- hidden communications jack provides local access to the HVAC (heating, ventilation, and air conditioning) control system for commissioning and maintenance

## Features/Benefits

**The SPT Standard sensor is designed for use with the open protocol line of controllers by Carrier.**

### Low profile enclosure

The SPT Standard space temperature sensors provide precision measurement in attractive, low-profile, neutral-color enclosures. A hidden communications jack provides local access to the HVAC control system for commissioning and maintenance.

# Features/Benefits (cont)



## Accuracy and precision

The SPT Standard space temperature sensors contain a precise 10 kilo-ohm thermistor with 0.36° F (0.2° C) standard accuracy and less than 0.18° F (0.01° C) drift over a 10-year span requiring no maintenance or re-calibration. Multiple space temperature sensors (one Plus, Pro, or Pro Plus sensor with up to 4 Standard sensors) can be daisy-

chained to one controller for temperature averaging or high/low select control.

## Simple installation

The sensor mounts on a standard 2 by 4-in. (51 by 102 mm) electrical box for easy installation.

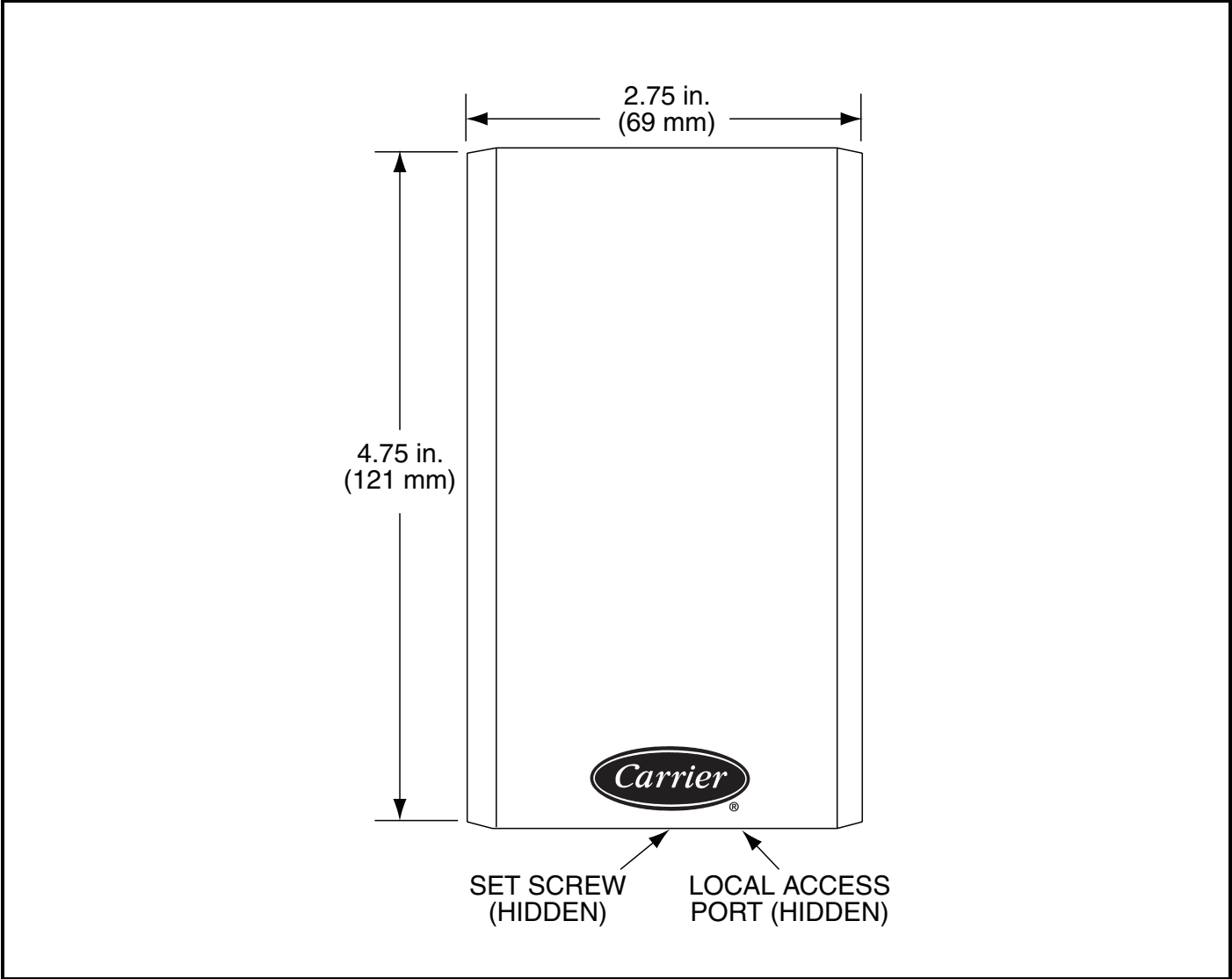
# Specifications

<b>Communications</b>	115 kilobaud Rnet
<b>Power</b>	From controller
<b>Sensing Element</b>	Precision thermistor. Standard accuracy 10 kilo-ohm thermistor with 0.36° F (0.2° C) standard accuracy and less than 0.18° F (0.01° C) drift over a 10-year span
<b>Wiring</b>	Remote mounting up to 500 ft (152.4 m) via 4-conductor unshielded 18 AWG cable.
<b>Local Access Port</b>	5-pin port
<b>Mounting</b>	Standard 2 x 4-in. (51 x 102 mm) electrical box using 6-32 by 1/2-in. (13 mm) mounting screws (provided)
<b>Dimensions</b>	Width 2 3/4-in. (69 mm) Height 4 3/4-in. (121 mm) Depth 5/8-in. (16 mm)
<b>Operating Temperature Range</b>	32 to 122 F (0° to 50 C)
<b>Operating Humidity Range</b>	0 to 95% Non-Condensing
<b>Storage Temperature Range</b>	-4 to 131 F (-20 to 55 C)

LEGEND

AWG — American Wire Gauge

# Dimensions



## OPEN PROTOCOL NETWORK STRUCTURE

