


# SPT

## Static Pitot Tubes (Aluminum)

The SPT is an Aluminum Static Pressure (Aspiration) probe used to monitor the static pressure in an HVAC duct or equipment application. The static pressure probe should be mounted approximately 5 to 8 duct diameters downstream from elbows, obstructions, or large change in duct area to reduce the amount of turbulence that will affect your readings.

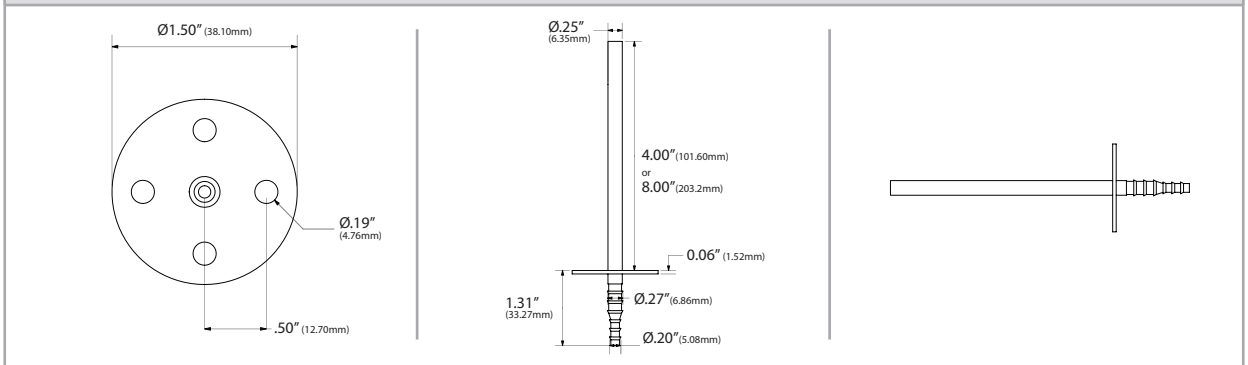
**Applications:** Used to monitor fan operation, filter blockage, or reduced air flow with little or no static pressure in non-critical applications

**The SPT Series is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's website, www.workaci.com.**

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Tubing Connection \| Tubing Size:** | 45º Barbed Type (6 Places), accepts 1/8" through 1/4" ID flexible plastic tubing |
| **Probe Insertion Length & Sensing Points:** | **SPT-3.5":** (88.9 mm) \| Single Point \| **SPT-8.0":** 8" (203.2 mm) \| Single Point |
| **Tube Mounting Direction:** | Tip opens parallel to the air stream |
| **Static Tube Mounting Angle:** | Perpendicular to the duct (90 Degrees +/- 3 Degrees) |
| **Mounting Flange (Diameter):** | 1.50" (38.1 mm) |
| **Measurement Probe Hole Size (Diameter):** | 1/4" (6.35mm) |
| **Mounting Holes (Diameter):** | 3/16" (4.76 mm) |
| **Material:** | Aluminum |
| **Storage & Operating Temperature Range:** | -40 to 185ºF (-40 to 85ºC) |
| **Operating Humidity Range:** | 0 to 90% RH non-condensing |
| **Weight:** | **SPT-3.5":** 0.022 lbs (10g) \| **SPT-8.0":** 0.034 lbs (15.4g) |
| **Agency Approvals:** | RoHS2, WEEE, Reach |

## DIMENSIONAL DRAWING




**Front View** | **Right View** | **Top View**

## STANDARD ORDERING

Model # Example: A/SPT-8" -OR- 108976

| Model # | Item # | Insertion Length | Sensing Points |
|---|---|---|---|
| **SPT-3.5"** | 102957 | 4" (101.6 mm) | 1 |
| **SPT-8.0"** | 108976 | 8" (203.2 mm) | 1 |

## ACCESSORIES ORDERING

Model # Example: A/10'TUBE -OR- 126606

| Model # | Item # | Description | Color |
|---|---|---|---|
| **A/10' TUBE** | 126606 | 10' Medical Tubing Kit, 1/8" ID x 1/4" OD | Clear |
| **A/20' TUBE** | 132226 | 20' Medical Tubing Kit, 1/8" ID x 1/4" OD | Clear |
| **A/100' TUBE** | 136018 | 100' Medical Tubing Kit, 1/8" ID x 1/4" OD | Clear |