

AEROSENSE

SERIES FLOAXIS

FLOAXIS

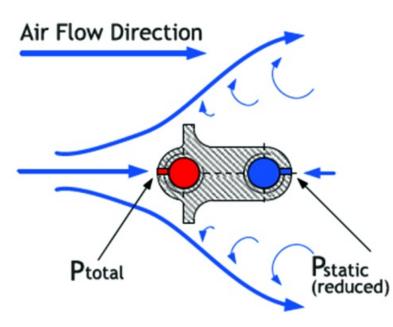


Application:

The Floaxis[™] Stick is a differential air pressure device designed to measure air velocities in a duct. It includes multiple sensing points to measure total and static pres-sures. The Folaxis[™] Stick incorporates a unique de-sign to amplify the differential pressure by approximately 2.5 times for accurate measurement of lower air velocities down to 200 fpm. It is easy to install and cost effective.

Design Features:

- Multiple sensing points for greater accuracy
- Easy Installation
- · Chamfered sensing points for consistent readings
- 2% Accuracy 2.5 signal amplification
- Accepts ¼" OD tubing



Models are available for various duct dimensions right from 100 MM to 1450 MM

How to generate a model?

Duct type

R is for Round duct

L is for Rectangular duct

Probe length (R = duct diameter, L= duct width in mm) 100, 125, 160, 200, 250, 315, 400, 450 for round ducts 250, 300... 1450 (50 mm steps) for rectangular ducts For E.g.: Model R200 is for 200 MM dia duct for round duct & L250 is for 250 MM width & rectangular duct.

SPECIFICATIONS:

Accuracy: ±2.0 % Media compatibility: Dry air or non-aggressive gases **Environment:** Operating temperature: 5...95 °C Storage temperature: -20...95 °C Humidity: 0 to 95 % rH, non-condensing **Physical Dimensions:** Probe: < 200 mm: 15 x 20 x Length (mm) \geq 200 mm: 25 x 20 x Length (mm) Mounting plate: 60 W x 50 H x 1.5 D (mm) Lengths: Round: 100, 125, 160, 200, 250, 315, 400 and 450 mm Rectangular: 250, 300... 1450 (50 mm steps) Mounting: 2 each 5.0 mm screw holes. Lengths XX and greater include 6 mm stud, washer, and nut to secure opposite end of the probe. Materials: Probe: T3015 aluminum Mounting plate: Mild steel Sealing gasket: expanded foam **Pressure fittings** 4.5 mm barbed brass + High pressure - Low pressure

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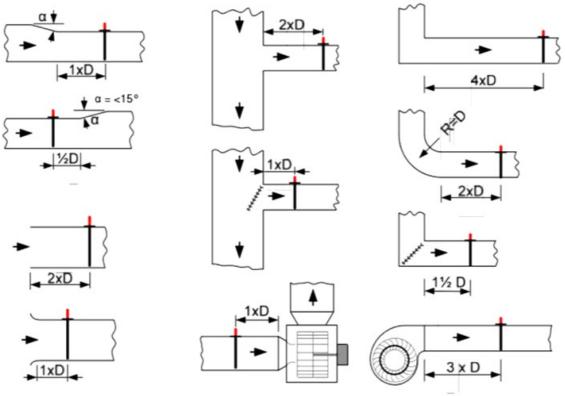




Mounting Instructions:

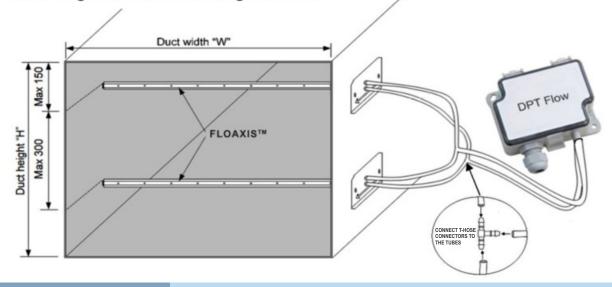
- Check that the Floaxis™ Stick size corresponds with the duct or terminal were it is installed.
- The Floaxis™ Stick is mounted in the duct by drilling a ø25 mm hole.
- Secure the opposite end with the provided threaded bolts.
- Check to make sure that the flow direction of the air in the duct corresponds with the arrow printed on the label of the Floaxis™ Stick.
- For round ducts, we recommend to install the Floaxis[™] Stick diagonally in the duct to minimize the irregularities of the air flow patterns in the horizontal and vertical planes.
- For non-standard applications, please contact our office

Minimum straight duct approach



D = duct diameter or equal diameter

Mounting instructions rectangular units



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