

Outdoor Static Pressure Sensor For Commercial Applications



Product Description

The Outdoor Static Pressure Sensor from Cleveland Controls is designed to provide a stable outdoor pressure reference for building pressure controls. It is engineered for long lasting performance and resistance to outdoor environmental wear.

Functional Purpose

Provides a smooth, averaged outdoor pressure reference for:

- Building pressurization systems
- Air handler control
- Pressure gauges and switches

Features

- Outdoor-rated static pressure reference
- Minimizes wind-caused fluctuations
- Mounts on exterior walls or rooftops
- Includes long tubing for protected indoor routing
- Compatible with low differential pressures, gauges, switches, and transmitter
- No calibration required
- No moving parts; low maintenance

Installation Summary

- Mount outdoors in a location free of wind turbulence
- Keep level and unobstructed
- Run tubing indoors; avoid kinks; coil access tubing

Included Components

- Outdoor static pressure sensor housing
- 50 ft of 1/4" OD vinyl tubing
- Mounting bracket and hardware

Mechanical Specifications

- Housing: Durable molded plastic
- Tubing size: 1/4" OD vinyl
- Tubing length: 50 ft
- Mounting: wall or rooftop bracket
- Connection port: 1/4" tubing barb



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Operating Specifications

- Media: Air
- Operating temperature: -20 to 140 °F
- Environment: Outdoor
- Function: Passive air pressure averaging chamber

Dimensions

Approx. housing size: ~6 in x 6 in x 3 in