

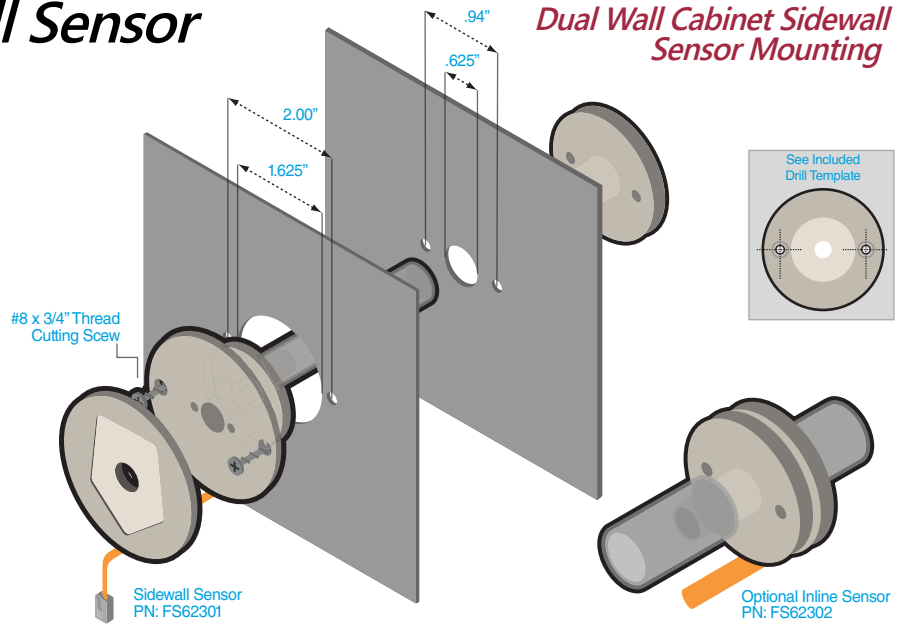
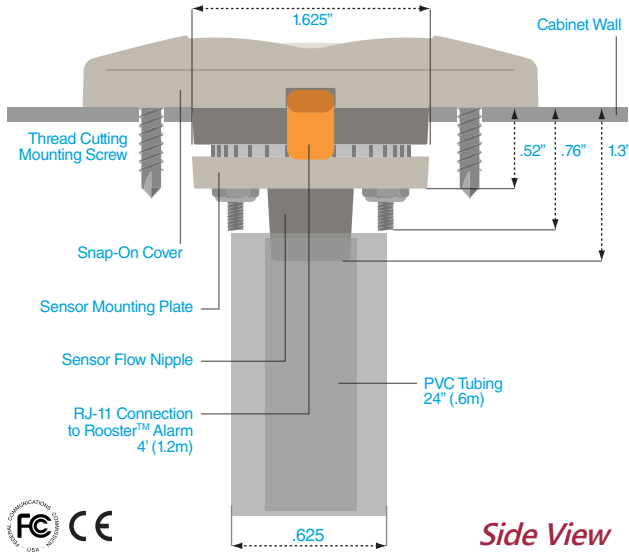
ROOSTER™ Airflow Alarm Series

Quick Start Card - Sidewall Sensor

Refer to the Manual for more detailed setup and calibration steps.

The Sidewall and optional Inline Sensor assemblies are used when it is not desirable to place a Probe style velocity sensor into the overhead ducting. The Sidewall/Inline sensors measure the negative pressure of the cabinet, by installing them in an airflow path created by cutting a through-hole in the side of the cabinet, which, due to negative pressure, pulls in laboratory air. This measured airflow self-correlates to face velocity.

Single Wall Cabinet Sidewall Sensor Mounting



Installing the Sidewall Sensor

The Sidewall sensor has been designed for single and dual wall cabinet installations. In a dual wall installation, the airflow path is made using the supplied 24" (.6m) of supplied PVC tubing and plastic end cap. In a single wall installation, no tubing or end cap is required.

In a single wall cabinet, the side wall sensor is placed on the front or side of the unit, above the sash operating height by at least 4" (100mm). If cutting through the side of the cabinet, the hole should be roughly halfway to the back of the cabinet.

In a dual wall cabinet, the sensor assembly is generally placed on the front of the cabinet, and connected to the through hole via the PVC tubing.

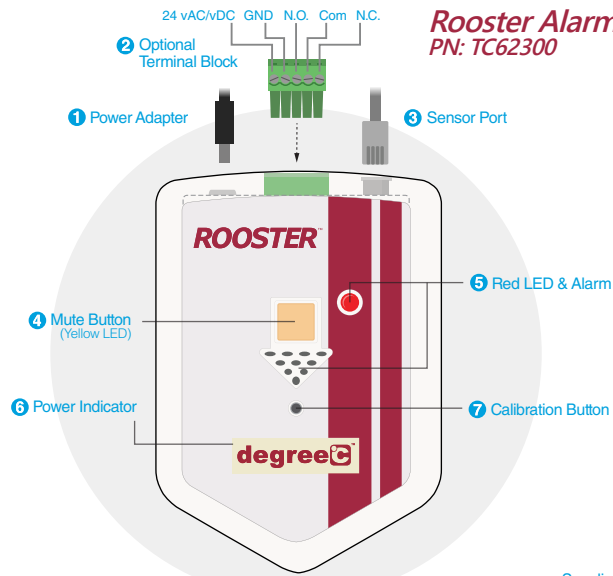
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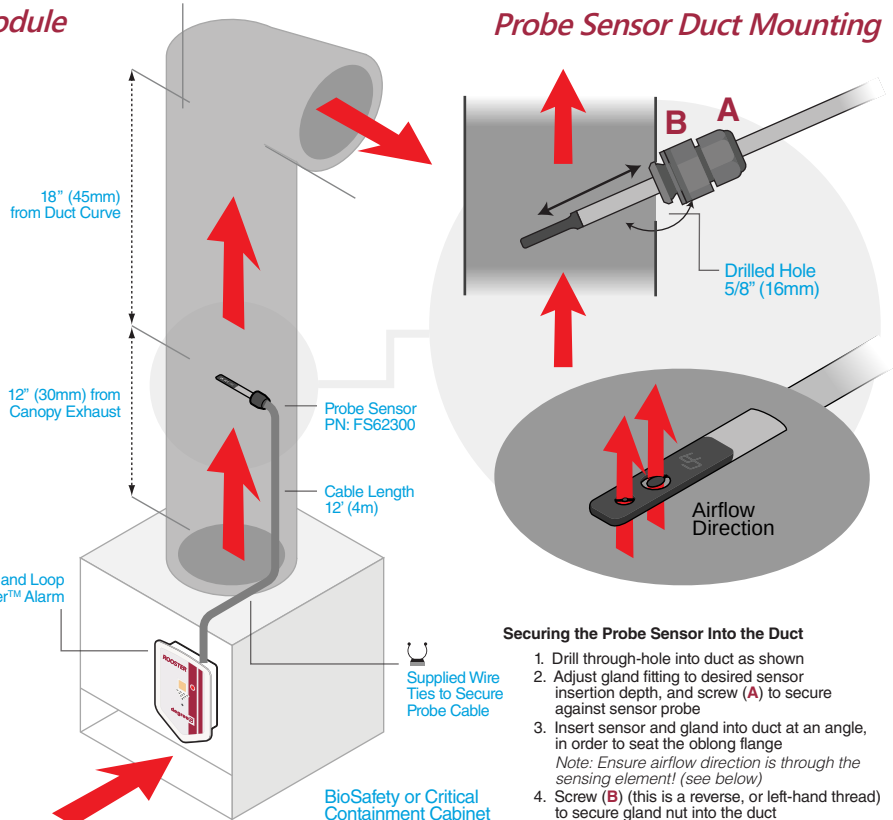
Quick Start Card - Probe Sensor

Refer to the Manual for more detailed setup and calibration steps.

Rooster Alarm Module PN: TC62300



- 1 Supplied AC/DC Wall Adapter
- 2 Optional Input Connector (Not Supplied) 5-position orderable Phoenix Contact PN: 1840395 - See manual for details
- 3 RJ-11 Sensor Connection
- 4 Mute Button: Silences alarm and shows turbulence or NSB status
- 5 Flashing Red LED with Audible Alarm
- 6 Power indicator
- 7 Calibration Button: Press for three seconds to initiate calibration procedure



Securing the Probe Sensor Into the Duct

1. Drill through-hole into duct as shown
2. Adjust gland fitting to desired sensor insertion depth, and screw (A) to secure against sensor probe
3. Insert sensor and gland into duct at an angle, in order to seat the oblong flange
Note: Ensure airflow direction is through the sensing element! (see below)
4. Screw (B) (this is a reverse, or left-hand thread) to secure gland nut into the duct