Fume Hood Monitors

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Model 660 Air Velocity Monitors are a practical, affordable way to continuously monitor for safe-airflows through laboratory fume hoods. They are typically installed in the fume hood side fascia and connected to the interior sidewall via 1-1/8” flexible tubing. As the exhaust fan draws air through the device, a sensitive constant temperature thermistor measures flow and lights a green (normal), yellow (high) or red (low) LED. An audible alarm also warns of low flow and requires manual resetting. Mounting holes fit standard single gang electrical box.

Model 660, Air Velocity Monitor. Includes 3’ flexible tubing, pre-fittings and 90° elbow, 120 VAC to 24 VAC power transformer. ................................. $268.00

SPECIFICATIONS
Service: Air and non-combustible, non-corrosive gases.
High Setpoint Range: 0-275 FPM (0-1.397 m/s).
Low Setpoint Range: 0-150 FPM (0-.792 m/s).
Repeatability: ±7% of full span, 0-50 and 150-275 FPM; ±5% of full span, 50-150 FPM.
Compensated Temperature Range: 50 to 90°F (10 to 32.2°C).

-model 670-
Fume Hood Monitor
Ensures Proper Fume Hood Performance

The Model 670 Fume Hood Monitor continuously senses air flow through the face of the fume hood, ensuring safe levels of fresh air are exhausting potentially hazardous fumes eliminating operator exposure. The 670 provides a highly accurate hot wire sensor to detect very low flows common on fume hoods. This fume hood monitor provides several key features such as simplified calibration and mounting, LED safe and alarm status indicators, audible alarm with temporary or permanent horn silence, relay alarm output, sash alarm input and an input for night set-back. The Model 670 comes with everything required to quickly install the unit including a mounting bracket, 24” of tubing for connecting to the inside of the hood wall and a 120 Volt AC power adapter.

FEATURES
• Flexible surface or flush mounting
• LED safe and alarm status indicators
• Audible alarm
• Temporary or permanent horn silence
• Relay alarm output
• Sash alarm input
• Night set-back input

SPECIFICATIONS
Service: Fume hood face velocity air flow.
Alarm Range: 30-400 FPM (0.15-2.0 m/s).
Alarm Indication: Red LED & audible alarm.
Low Air Velocity Alarm Delay: Fixed 5 secs.
Horn Silence: Yes-temporary and permanent.
Accuracy: Face velocity ±10%.
Temperature Limits:
Operating temperature: 55 to 86°F (13 to 30°C);
Storage temperature: -40 to 150°F (-40 to 65°C).
Power Requirement: 15 VDC 500 mA; 120 VAC, 60 Hz power transformer included.
Relay Output Low Air Flow Alarm: 5 amps @ 250 VAC.
Relay Input For Night Setback: 2 wire rated for 24 VDC usage.
Sash High Indication: Using a two wire micro switch or 3 wire proximity switch input, rated for 24 VDC usage.
Comm Port: RS232- Can be connected via serial interface to LAN network.
Mounting: Semi flush, flush or surface mounted when using included bracket.
Weight: 5.0 oz (141 g).
Agency Approval: CE.

Model 670, Fume Hood Monitor ........................................... $497.00

Items are subject to Schedule B discounts.

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