The Model 530 air flow switch provides excellent sensitivity and reliability at a very reasonable price. Quality features include a rugged die cast body, stainless steel vane and SPDT snap switch. Unit is field adjustable from 400-1600 FPM. Mounting is fast and simple, with only two screws needed. Vane fits 6 in. or larger ducts.

**Model 530, Air Flow Switch**

Range 400-1600 FPM mounted on top of horizontal duct.

**CAUTION:** For use only with air or non-combustible non-corrosive gases. Unit is not sealed against dust.

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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.

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**SPECIFICATIONS**

- **Model 530**
  - **Service:** Air and non-combustible gas flow.
  - **Wetted Materials:** Contact factory.
  - **Vane:** Stainless steel.
  - **Temperature Limit:** 180°F (82°C).
  - **Switch Type:** SPDT.
  - **Electrical Rating:**
    - 125 VAC: 9.8 amp full load; 58.8 amp locked rotor.
    - 250 VAC: 4.9 amp full load; 29.4 amp locked rotor.
    - Pilot rating: 470 VA at 125, 250 VAC.
    - Resistive: 15 amp at 125, 250, or 480 VAC.
  - **Electrical Connections:** Screw type terminal.
  - **Conduit Connection:** 7/8” conduit hole.
  - **Mounting Orientation:** Horizontal duct flow.
  - **Set Point Adjustment:** Screw type.
  - **Weight:** 1 lb 1 oz (481.94 g)
  - **Agency Approvals:** UL, CSA, CE.

- **Model 660**
  - **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).
  - **Operating Temperature Range:** 32 to 120°F (0 to 48.9°C).
  - **Power Supply:** 24 VAC, 3 watts maximum.
  - **Response Time:** 6-10 seconds.
  - **Warm-Up Time:** 3-5 minutes (no flow).
  - **Audible Alarm:** 75 dB between 3-10 feet.
  - **Weight:** 3 oz (85 g).
  - **Mounting Hardware:** (2) #6 x 1” sheet metal screws, (2) 6-32 x 7/8” machine screws.