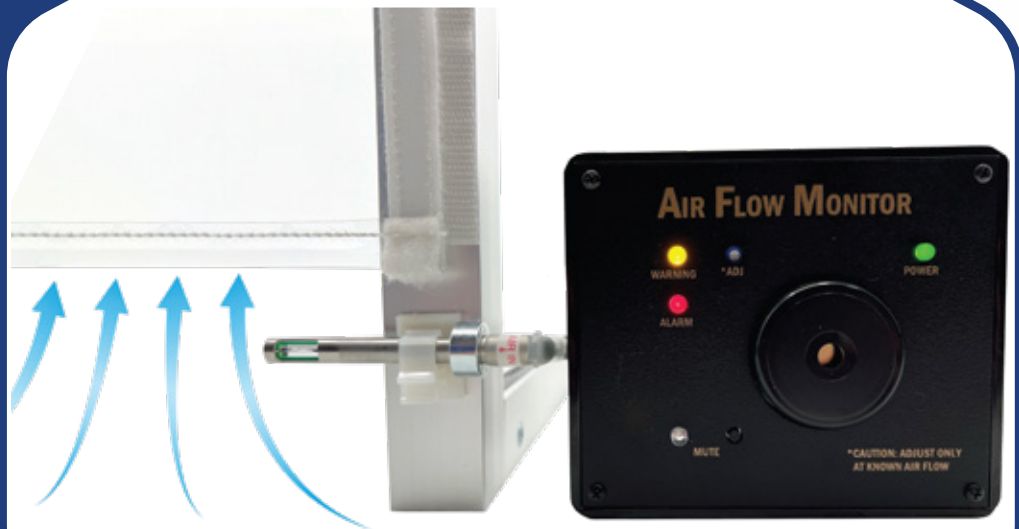


AIRFILTRONIX

a division of Glas-Col, L.L.C.

Air Flow Monitor

The air flow monitor/alarm is a single probe instrument used to detect air flow in fume hoods. The probe is mounted in the air flow path as shown. The instrument is calibrated for the OSHA standard of 100FPM. If flow velocity is restricted, a yellow caution warning light will turn on for 10 seconds before moving to a full warning red condition with audible alarm. A mute button can turn off the audible alarm allowing the air flow to be adjusted.



Specifications:

Size: 5" W x 4.25" H x 1.75" D, (can be wall mounted with Velcro)

Alarms: Visual and audible plus SPDT dry contact

Range: Calibrated to 100FPM

Universal power supply: UL listed, 100-240VAC with 10' cord.

Probe: 3" with 6' cord, (two ratchet self-adhesive clamps provide to hold probe)

Catalog Number: 200B AF1

Airfiltronix, a division of Glas-Col, LLC

711 Hulman Street P.O. Box 2128, Terre Haute, IN 47802 0128 USA

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www.glascol.com www.airfiltronix.com

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Air Flow Monitor - User Instructions

Operation:

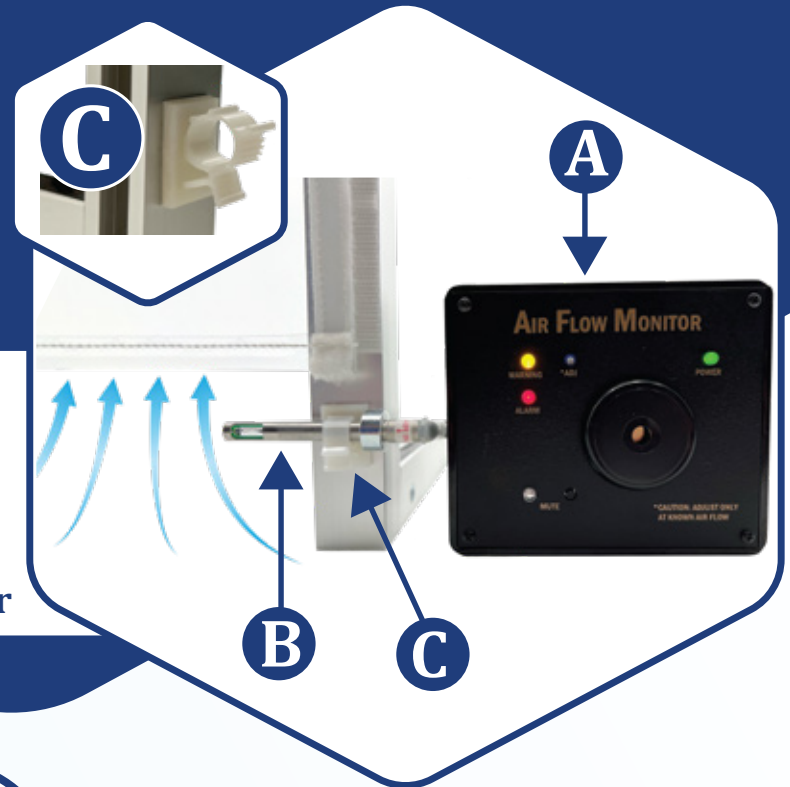
Attach adhesive mount to frame.
Install Sensor below Sash
Locate Air Flow Monitor chassis where desired.
(Velcro® is supplied for mounting)

Included:

A - Air Flow Monitor

B - Sensor

C - Adhesive Mounts for Sensor



Operation:

The green POWER LED signals that power is supplied to the unit. Upon power up, the green LED will blink and the red, yellow and blue LEDs light solid, for approximately 20 seconds until airflow is properly recognized.

The yellow WARNING LED will activate when the air flow drops below the alarm set point. The unit will go into alarm if low airflow exists for several seconds. This alarm condition is indicated by the red flashing ALARM LED, the beeper and the relay changing states. The alarm beeping can be muted by pressing the MUTE button. While muted the blue MUTE LED will blink, the relay will remain in alarm condition.

Warranty:

See the current Glas-Col warranty policy located under the General Sales Policy on the Glas-Col website at www.glascol.com.

Glas-Col reserves the right to make product refinements without prior notice.

Remote Monitoring:

The AFM features a single pole double throw relay for remote alarm monitoring. The normally closed (NC) and common (C) contacts will be closed when an alarm condition exists. An alarm condition exists if the airflow across the probe drops to a value below the set point or if power to the AFM is lost.

**THE RELAY RATING IS 30 VOLTS AT 1 AMP.
EXCEEDING THIS RATING CAN DAMAGE THE
RELAY CONTACTS.**

**INDUCTIVE LOADS (MOTORS AND SOLENOIDS)
MAY PRODUCE TRANSIENTS THAT CAN EXCEED
THE CONTACT RATING AND MAY ALSO RESULT IN
RELAY DAMAGE.**

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