



Air Flow Monitor & Alarm System



FEATURES:

- Audible and visual alarms
- Audible alarm mute
- SPDT alarm output

The air flow monitor/alarm is a single probe instrument used for detecting air flow. Warning is audible and visual, with alarm contacts (SPDT) output for remote alarm.

In-use, a single, 5/16" diameter probe is inserted directly into the air flow. A set point is established at normal air flow just above the desired alarm threshold. If the air flow rate drops to the set point, a yellow indicator light becomes visible. If the air flow remains below the established set point for more than approximately 10 seconds, a red status indicator light begins flashing, and an audible alarm sounds. The probe used in the air flow monitor is rapid and repeatable.

Nominal flow ranges that can be used are 50-500 FPM for the low range version and 500-2500 FPM for the high range version. The air flow monitor is intended for use at normal room temperature, typically 18°C to 28°C. Other temperature and air flow ranges are available.

The standard unit is wall-mounted and approximately 5" wide x 4.25" high x 1.75" deep. A small plug-in power supply is used to operate the unit. Weight is 2 pounds.

Custom programming and packaging can be provided.





Easy Probe, Power & SPDT Relay Output Connections

Power Requirements:

Universal Power Supply, 100-240V/50-60 Hz
UL listed with 10' cord is standard
Consult factory for other voltages

Air Flow Ranges:

Low Range: 50-500 FPM
High Range: 500-2500 FPM

Alarms:

Audible: beeper with 5 minute mute period
Visual: bright red LED
Remote: SPDT dry contacts

Mechanical:

Case is black bakelite, 5" w x 4.25" h x 1.75" d
wall mount with Velcro, or set on bottom edge;
all wires exit through side

Weight:

2 pounds

There is a one-year warranty on all Hampshire Controls products.

Hampshire Controls Corp. is a Woman Owned Small Business

About Our Company

Started in 1975, Hampshire Controls provides standard and custom designed electronics to the biomedical and industrial markets. In addition to the Air Flow Monitor, other products include:

- Model 140 Single Probe Temperature Monitor
- Model TS4 4-Point Temperature Monitor
- Model LD-200 LN2 Level Detector/Alarm
- CO2 Backup Control/Alarm for Freezers
- LN2 Backup Control/Alarm for Freezers
- Line Voltage Controls
- Multipoint Central Monitoring System (CMS-II)
- Custom Microprocessor Assemblies
- Model ADM Alarm Delay Module
- Regulated Output Phase Control
- Custom AC Motor Phase Controls
- Model TC-3 Rapid Response TempCheck

