

AIR FLOW MONITOR & CONTROL SYSTEM



The Airflow Monitor & Control System measures real-time airflow in ducts or ventilation lines and automatically adjusts fans or dampers to maintain desired flow levels. It also triggers alerts when airflow moves outside preset safe limits, ensuring efficient and reliable system operation.

Features:

- Precision Sensing
- Display Parameters Includes; Air Flow Range-CFM, Temp.& Humidity, Threshold Status, Set Option
- Sound-Alarm, SMS Alert, e-Mail Alert-Options
- Data-Log Option
- Easily Customizable
- Advanced Alert & Notification Features
- Communication Interface Support

Specifications:

- Operating Voltage: 12V/24V /230V AC
- Operating Temperature--20°C to 60°C
- Sensor Type-Thermal, vane, or differential pressure(Application Based)
- Measurement Range-0–50 m/s (configurable for Duct/Area size)
- Accuracy- \pm 2–3% of reading
- Output Signal-4–20 mA, 0–10 V, or Digital (RS485/Modbus)
- Relay Activation for Damper Ctrl and Other Controls

Applications:

- HVAC Systems
- Fume-Hood Systems
- Industrial Processes Ventilation
- Laboratories and Clean Rooms
- Air filtration systems
- Building Automation Systems
- Data Centers