

Accutron IDM 75 Industrial Duct Airflow Monitor



- Ultrasonic Technology
- Pre-Wired system assembly
- Simple mount on square or round ducting
- Ball and socket assembly for simple sensor alignment
- NEMA 4X Enclosure (corrosion resistant)
- Bi-directional flow reading in velocity or volume
- 4-20 mA output
- Digital processing
- Vent on demand





The IDM (Industrial Duct Monitor) is specifically designed for single or bi-directional airflow measurement over a wide range of velocities. Duct diameters for IDM applications range from 24" to 96", covering many different types of installations. Designed for permanent, fixed installation in round, oval or square ducting, the Accutron IDM gives continuous reliable readings of airflow in the displayed, user-selected, engineering units.

Applications include ventilation systems, where airflow is regulated to meet demand according to activity using VFD - Variable speed Drive Fans. In addition the equipment can be used to significantly reduce energy cost by aiding the flow balancing process in distribution systems. The equipment is easily integrated by OEM systems and by fan manufactures into their product.

In general, the Accutron Industrial Duct Monitor gives you the ability to continuously and accurately measure airflow to effectively manage energy costs and ensure worker safety.

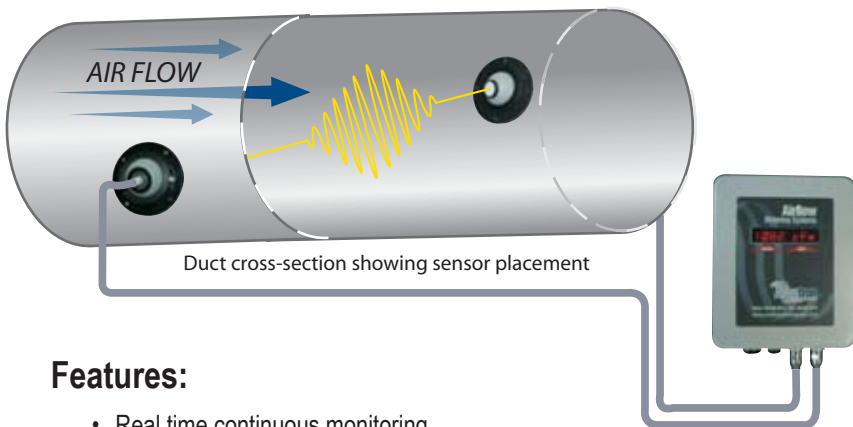


Specifications:

- Duct size: Model IDM-75: 24" to 96" diameter
- Accuracy: 2% FS or +/- 0.05m/s (whichever is greater)
- Power: 120/240 VAC (24V optional)
- Power consumption: <10W
- Interface: 4-20mA loop
- Size (control unit): 11.5"L X 9"W X 4.25"D
- Enclosure: NEMA 4X (compression molded fiberglass)
- Connections: screw terminal block
- Temp range: -20 degC to +55degC
- Std. cable length: 100' (longer lengths available)

System Includes:

- NEMA 4X Enclosure w/8 digit LED display
- Ball & socket assemblies w/transducers (2)
- Length cable (2) 100 ft.
- Closed cell Neoprene gaskets (4 max)
- Technical manual
- Handheld programmer (sold separately, will program multiple units)



Features:

- Real time continuous monitoring
- Non obstructive, fixed installation
- Cross-sectional averaging
- Not effected by dust, humidity, temperature
- Multi-language programmer (English, French, Spanish)
- Sensor to transmitter separation up to 800 feet
- 4-20mA analog output
- Integration to Vent On Demand or ventilation automation systems
- Digital processing



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