



TSI 8475 Airflow / Air Velocity Transducer

Product Images



Short Description

The TSI 8475 Air Velocity Transducer (Omnidirectional) is ideal for both temporary and permanent installations for air velocity measurements in research and development labs, manufacturing processes, and other applications.

Description

TSI 8475 AIRFLOW / AIR VELOCITY TRANSDUCER

The TSI 8475 Air Velocity Transducer (Omnidirectional) is ideal for both temporary and permanent installations for air velocity measurements in research and development labs, manufacturing processes, and other applications. Model contains on-board electronics and calibration curves that provide a linear signal output. This linear signal is sent out as either a current (mA) or a voltage (V) signal, allowing output to a variety of data loggers or data acquisition systems. Best of all, the current and voltage output ranges are easily changed by the

user in under five minutes.

Ideal applications include comfort and draft studies, critical environment installations (e.g., clean rooms and hospitals), diffuser design analysis, monitoring drying processes, monitoring air flows in tunnels and subways, used as a standard in wind tunnels and calibration facilities, environmental monitoring in greenhouses and IAQ applications as well as general engineering applications.

Features and Benefits

- Omnidirectional probe tip
- Available with choice of 7.5cm, 15cm, 22.5cm & 30cm probes
- Accurate at low velocities from 10 to 100 ft/min (0.05 to 0.5 m/s)
- Ideal for unknown or varying flow direction

Includes

- Probe attached to 16.4-ft (5-m) cable connected to control module
- Protective sleeve
- Compression fittings for mounting in duct work
- Two holding clips to mount probe to parallel surface
- Operation and service manual
- NIST calibration certificate
- Two-year limited warranty

Additional Information

| | |
|----------------------|------------------------|
| Brand | TSI |
| Typical applications | Environmental (Indoor) |
| Measurements | Air Velocity |
| Compatible With | U30, H21, H22, ZW, U12 |

Additional Options

| | |
|---------------------|--------|
| Probe Length | 7.5cm |
| | 15cm |
| | 22.5cm |
| | 30cm |