



Welcome to PPORTUNITY, a monthly newsletter provided by Jacco & Associates. Jacco's focus on engineering and design concepts will improve your HVAC system while significantly reducing design time, making you more productive for your clients.

January Feature:



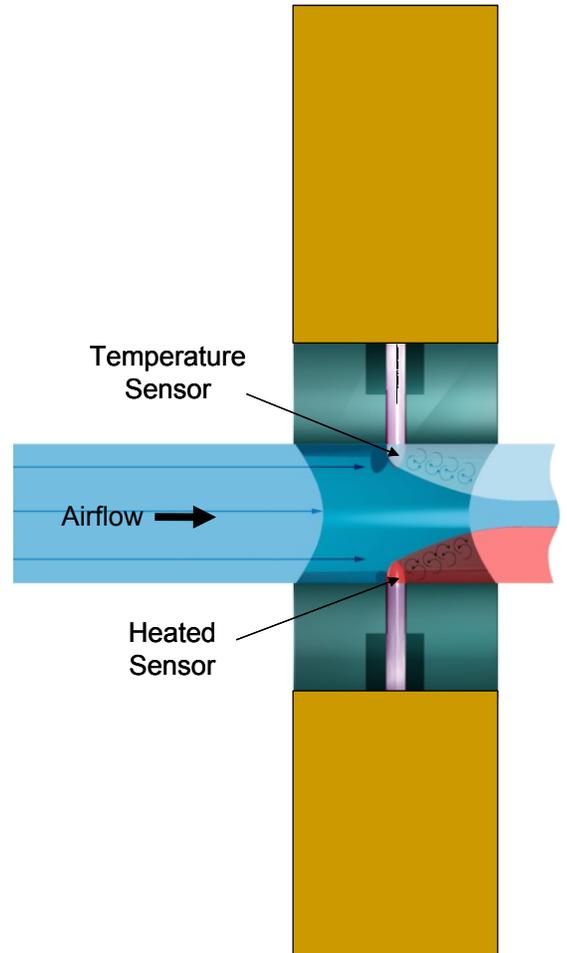
Airflow Measuring Stations

What is Thermal Dispersion Technology?

- Ability to meter airflow by measuring the amount of heat dissipated into the airstream through the use of two sensors.
- Each measurement point uses 2 stable bead in glass thermistors
- One thermistor is self-heated above ambient temperature by passing current through it.
- The voltage across the self-heated thermistor is measured and the power dissipated to the air stream is calculated.
- The 2nd thermistor measures the ambient air temperature.
- The airflow rate is calculated using an algorithm relating the power and delta T to the airflow rate.

Advantages:

- Infinite turndown on airflow readings.
- Permanently calibrated.
- +/- 2% velocity accuracy.
- +/- 0.15°F temperature accuracy.
- Low pressure drop (0.02" at 2,000 fpm).
- Flash memory.
- Application versatility: can be installed where other airflow stations cannot due to project restrictions.
- Free temperature output.
- BACnet, Lon & Modbus communication capability.
- Standard 3 year warranty.



January Question & Answer:

Question: Which of the following are airflow measuring stations used for?

- A.) Comply With Codes
- B.) Pressurization Control
- C.) Maintain Contaminant Levels
- D.) All Of The Above

Prize: Kindle Fire!

Respond by February 15th with the correct answer to be entered in the raffle for this month's prize!

Last Month's Question & Answer Winner!

Question: What is the highest rated MERV filter available in Whalen Fan Coils?

Answer: D.) MERV 13. Congratulations to Brian Holloway for winning an Apple TV!

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Questions or comments? E-mail us at opportunity@jacco.com

