

This is Green Air

Presented by LPR

Brasch Gas Detectors

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Green Air, how about Clean Air. **Brasch** manufactures a complete line of gas detectors. Available are CO (carbon monoxide), NO₂ (nitrogen Dioxide), CO₂ (carbon dioxide), O₂ (oxygen) and Refrigerant detectors, (configurable for various refrigerants). A combination unit for CO and NO₂ is also available to monitor exhaust fumes from both gasoline and diesel engines. As well as stand alone detectors, **Brasch** offers a Universal Control Panel which allows remote sensor/transmitters to be controlled and monitored centrally. braschmfg.com

Will it rain on your parade?

Today, more and more people are talking about the application of chilled ceilings and chilled beams. One of the hurdles (this is a high hurdle) we need to get over is the perception that if I use chilled water in the ceiling it will rain in the space. Controls are available, today, that allow for the constant monitoring of humidity levels, temperature levels and dew points. Knowing this information allows us to control the parameters to avoid rain. As a further safeguard, and possible control device, we offer a condensation monitor. This device mounts directly on the water pipe and at the first sign of condensation (even before visibly recognized) the monitor will close a set of contacts to allow you to perform a control strategy that will keep your occupants dry (e.g. turn off the water, raise the water temperature). troxtechnik.com (pardon the units)

\$56,000,000.00

Not the annual salary of the typical Boston area rep but the amount of money spent to renovate and remediate a hotel with a mold problem. Why gamble? Talk to us about AgION, anti-microbial ductwork, and Enviro-Loc fungicide treated duct liner. lindabusa.com titus-hvac.com

Balancing with Flow hoods

A recent article in the spring 2003 issue of TAB Journal investigates how accurate flow hoods are when measuring flow from directional diffusers with various patterns. The conclusion was that “taking readings from all 4 sides and then determining the average provides a more concise measurement of flow”. With a one way blow diffuser and a single reading the margin of error was as high as

16%

PTE? PCB? Both dangerous. Some would define the TLA (three letter acronym) as Periodic Table of Elements—others, Point of Temperature Equalization. I think I understand elements but I have trouble with temperature equalization. Can anybody out there explain it? How can you introduce a cold air stream into a space with a heat source and ever have the temperature of that stream equal the ??? Help me Wanda!