

This is Green Air

Presented by LPR

Clean Air

Restaurants, bars, waiting rooms, classrooms, patient rooms, anywhere that one is concerned about odors, smoke or other contaminants and concerned about exposing others to possible harm from contaminated air would be good candidates for displacement ventilation. Displacement ventilation is designed to be a one pass system. There is little or no mixing or sharing of contaminated air. Displacement diffusers may be supplied in a variety of shapes and sizes. They have been installed in walls, on walls or free standing (even looking like trees). They can be combined with under window convection and induction units.

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Lindab Announces Antimicrobial Steel

Lindab is now offering spiral duct and fittings with Agion anti-microbial coating. Agion has been proven, through exhaustive testing, to inhibit the growth of mold. Entire duct systems can now be fabricated to reduce the likelihood of mold growth. Schools, hospitals, labs, everyone will appreciate this added protection. Many studies have proven that cleaner air increases productivity. Lindab with Agion is one large step in helping to insure a clean air supply.

TITUS Introduces Electric heat with SCR control

Titus now offers SCR control on electric heaters supplied with their terminal units. SCR control allows for very fine temperature control. Step control with PID algorithms can approximate the quality of control but with SCRs there are no contactors to switch on and off.

Raised Floor diffusers—Why might they work?

Air distribution through a raised floor has been utilized for many years in Europe with great success. What have they learned? The keys to a successful application (comfortable occupants—lower energy costs) are: small volumes and quick mixing so that we do not throw the air up into the breathing zone thus mixing the fresh air with the contaminated exhaled air and by keeping the stratified layer low we can isolate more loads that we may not have to deal with.. Provide warmer discharge temperatures so that the stratified layer is not uncomfortable. High volumes, high velocities and long throws reduce our ability to save energy and increase our No-go zones (areas where we would be uncomfortable due to unfavorable conditions)