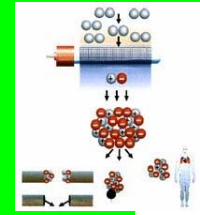


# This is Green Air

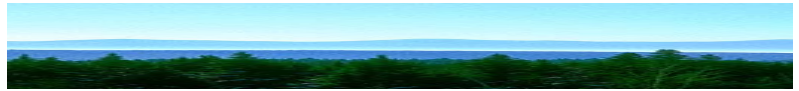
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## Truly Green Air

Every few years there is a true breakthrough in technology. There is a new product that allows us to approach problems in a new way. In a way we had wanted to deal with problems but the technology was not there to do so. Currently we attack mold, mildew, bacteria, dust and odors at the air handler where we introduce outside air or bring recirculated air through the fan, coils and filters. Where this system fails is in the most important area of the building, the occupied zone. If there are odors, VOCs, viruses, bacteria, molds in the occupied zone *dilution should not be the solution*. We introduce **BENTAX** – ionization technology. **BENTAX** provides products that are installed in ductwork to introduce negative ions into the air stream and thus into the occupied zone. Negative oxygen ions have been shown to reduce smoke, dust and pollen, neutralize odors, eliminate VOCs, reduce bacteria and mold. Studies have shown that wounds and burns heal more quickly when exposed to elevated levels of negative oxygen ions. Ion therapy has been used to reduce elevated serotonin levels.



Ions have been shown to reduce airborne dust and pollen thus alleviating asthma symptoms. Ions “clean” the air. Ionization has been used to reduce odors at sewerage treatment centers and trash rooms. The **BENTAX** systems may be installed in air handlers for large systems or fan coils, heat pumps, fan powered terminal units, VAV boxes or in duct branches feeding small areas or individual rooms. **BENTAX** ionization units have been tested by ETL and have shown they produce no Ozone in the occupied zone. **BENTAX** units are UL listed. The world is looking for clean, fresh air. You can now supply it to your customers and clients.

### Sterilization

### BENTAX

As they divide in the split zone, bacteria and mold spores bond with active oxygen molecules and are oxidized and destroyed. The bacteria and spores can no longer multiply.

### Odor Neutralization

Odorous gases and aerosols oxidize on contact with active oxygen molecules. Odors, especially of an organic origin, are quickly eliminated.

### Health Benefits

Human and animal lungs absorb oxygen much more efficiently from clean ionized air, enhancing general health and well-being. Alertness and concentration is improved.

### \*VOC (Volatile Organic Compound) Control

Healthier conditions exist by breaking down VOC off-gases. These gases are present where there is carpeting, building materials, furniture, office equipment, cleaning agents, paints, glues, solvents or pesticides.

Northeast Air Solutions is pleased to be an authorized supplier of **Heat-Fab AL29-4C** Vent systems. If you are utilizing a condensing boiler or water heater you should be using an AL29-4C product to prevent corrosion of the vent system.



Table 2. Appliance Categories Per NFGC and ANSI Z21.13

Appliance Category	Vent Pressure	Condensing or Non-Condensing
I	Non-Positive	Non-Condensing
II	Non-Positive	Condensing
III	Positive	Non-Condensing
IV	Positive	Condensing