



NEWS RELEASE
For Immediate Release

**New *AiroCide*[®] PPT Food Safety Technology Model Unveiled
at IFT FoodSmarts Expo**

ATLANTA (April 26, 2007) - KES Science and Technology announces the premier of a new model for the NASA-developed, *AiroCide PPT* technology to meet the design and construction requirements of food grade equipment. The new *AiroCide* unit will be on display at the Institute of Food Technologists show in Chicago, July 28 – August 1 this year. The *AiroCide* system kills airborne mold and bacteria and removes volatile organic compounds without using chemicals or ozone to inhibit airborne cross-contamination and preserve perishables.

The new unit features the standard 306-type stainless steel cover designed to withstand water and cleaning compound exposure during sanitation procedures. In accordance with federal regulation codes, the technology emits only clean air. The wall-mounted unit comes with the same “plug and play” design as the original and has a small footprint with dimensions of 58.5”x 25” x 7”.

AiroCide PPT technology, combines two known pathogen-killing techniques, photocatalytic oxidation (PCO) and ultraviolet light to break the bonds of volatile organic gases (VOC) and mineralize airborne microbes without using chemicals, ozone or oxygen ions. When these materials are exposed to ultraviolet light, hydroxyl radicals and superoxide ions are formed. The radicals oxidize VOC's to reduce them to trace elements of carbon dioxide and water, and penetrate the cell membranes of both bacteria and mold spores to kill and decompose these organisms. More information and case studies can be found at www.airocide.com.

NASA design requirements specified the technology be energy efficient as well as environmentally and maintenance friendly. The model draws a maximum 3.4 amps at 120 volts. Replacing the ultraviolet lamps is the only maintenance required on an annual basis.

The *AiroCide PPT* system is used in the perishable foods and beverages industries that include retail (grocery and floral), distribution (produce and floral), food and beverage and analytical laboratories (tissue culture and food processing). Stonyfield Farm, Coca-Cola, Del Monte Fresh, SuperValu's produce distribution arm, W. Newell & Co. and Whole Foods Markets are some industry leaders who use *AiroCide PPT* technology.

The air purifying systems contain the same technology that is used in all *AiroCide* products that serve multiple industries and applications and is marketed by KES' affiliate company, KesAir Technologies, also of Atlanta. The *AiroCide* technology is listed as an FDA Class II Medical Device.

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