



## Air Purification Systems for the Grocery and Restaurant Industries



### AtmosAir™ Energy Savings Opportunities

**AtmosAir™** Bi-Polar Ionization systems can reduce a grocery store or restaurants HVAC-related energy consumption and lower humidity by reducing the volume of outside air, while achieving ASHRAE 62.1 ventilation rates according to the ASHRAE IAQ Procedure.

**AtmosAir™** systems deliver MERV 13-equivalent filtering efficiency.

### AtmosAir™ Indoor Air Quality (IAQ) Benefits

- Eradicates unpleasant organic **Odors** (e.g., trash, mildew, cooking, decaying food, chemicals)
- Controls ripen-hastening **Ethylene** and **Methane Gases** – increasing the shelf life and salable quantity of fruits, vegetables, meats and other perishables
- Eliminates **Mold, Bacteria, Viruses, Germs**, etc. (Microbials) – reproductive cycle is interrupted and colony forming units decrease
- Removes **VOC** (Volatile Organic Compounds) – complex hydrocarbon chains are broken down into simpler harmless elements
- Reduces the volume of **Humid, Hot** outside air necessary to meet ASHRAE 62.1 standards
- Lowers operating costs through **Energy Reductions** associated with the conditioning of outside air

### AtmosAir™ Products & Customers

- UL listed, Energy Star Certified, **Green** product. (A 10,000 cfm unit uses only 45 watts)
- CE Certified. Independently tested by Intertek ETL Semko, proven to outperform other air cleaning technologies by 200% or better!
- Reference Customers: Harvest Fare, Food King, Nestle Foods, Subway, US Army, etc.



Intelligent Power & Air Solutions

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