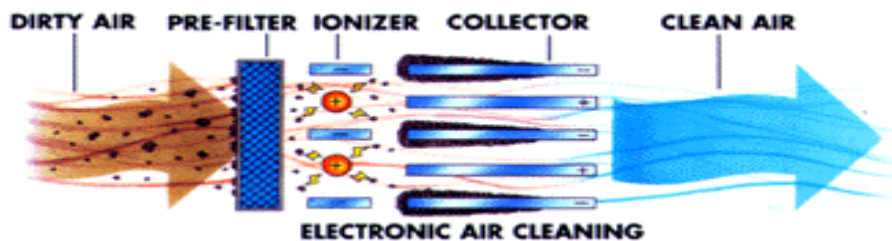




How It Works



Polluted Air is drawn in the front of the SaviAir 5000 Air Cleaner. The Pre-Filter catches large particulate such as hair and lint. The finer particulate then passes through the ionizing or charging section of the Electronic Cell. All pollutants take on a positive electrical charge. The pollutants then enter the Collecting Plate section of the Electronic Cell where they attract and stick to the alternately negative and neutral collecting plates. The clean air then passes through an optional Potassium Pangamate and Carbon Blend Filter for enhanced removal of odors, gases and chemicals. On the exhaust of the SaviAir 5000 there is an independently controlled Negative Ion Emitter that adds negative ions to the clean air for balanced fresh air.

About Electronic Furnace Filters

Electronic Air Cleaners were first designed in the early 1960's. At that time they were designed to go on furnaces. Obviously we did not have an Air Quality Crisis in the 1960s. The purpose of the furnace model was to protect the furnace from large airborne particulate flying in and damaging the motor and heating equipment etc.. There is no question that furnace models do remove some airborne particulate but they do not effectively clean your air. The average furnace has the air moving through it at 1200 to 2200 cubic feet per minute (cfms) depending on the size of the furnace and the size of your house. That velocity of airflow is way to high for electronic air cleaners to be effective. In fact on independent testing, the average furnace air cleaner is only 15-45% efficient on the individual quantity of air passing through it. That means over 55% of the pollution is flying right through the filter. The large particles are caught which

protects the furnace but the finer particles that harm human health fly right through and back into your air.

In the late 1980's when air quality was starting to become a serious problem, portable models became far more popular. It was found that if you slow the airflow down going through the electronic cell, you can increase the efficiency from 15-45% to 100%. Our new Saviair 5000 model combines the perfect blend of airflow (455cfms), enough airflow to effectively handle your entire home and efficiency (97% to .01 microns on high, 100% to .01 microns on low) to remove all harmful pollutants from your home. Quite simply this is the finest Air Cleaner on the market today.

Why Ours Is The Best

Key Benefits

- Completely removes airborne pollutants such as the Common Cold virus, Flu virus, Sars virus, bacteria, toxic mould, V.O.C.s, dust mite feces and second hand smoke down to .01 microns. That is 30 times smaller than the best Hepa Media type filters on the market today.
- The Saviair 5000 processes 455 cubic feet per minute(cfm) of air on the high speed setting. That's 655,000 cubic feet per day of air cleaning. Our nearest competitor does 300 cfm's or 223,000 cubic feet per day less than ours.
- The Saviair 5000 can do the whole house easily and costs as little as a 60 watt light bulb to operate. The Saviair 5000 is not an ozonator or a media type air cleaner. Saviair 5000 is an electronic precipitator with a washable Pre Filter and a washable Electronic Cell. This keeps long term costs to a minimum.
- The collection surface area on the Saviair 5000 is 4281 square inches. That is double that of any other portable on the market and in most cases 4 to 5 times the collection area. This gives the Saviair 5000 much more capacity to clean and also means the Saviair 5000 can go longer between cleanings than any other portable electronic air cleaner.