

# TRION<sup>®</sup>

Air Purification Systems



## Electronic Air Cleaners

*HE Series*

Air Purification Systems | [www.trioninc.com](http://www.trioninc.com)

# Benefits of Clean Air

## Is your home's air a danger to your family?

EPA studies indicate that the air inside your home may contain up to 10 times more pollution as that outside your door. Indoor air pollution can irritate the eyes, nose, and throat, cause headaches, dizziness, and fatigue and aggravate asthmatic and allergic conditions.

The average central forced heat or air conditioning system typically performs some form of air cleaning; such systems capture only large particles and are not efficient enough to capture the microscopic airborne pollutants and particles that cause asthma and allergies. Trion® electronic air cleaners capture up to 95% of airborne pollutants as small as 0.1 micron (one thousand times smaller than a single human hair) to create clean air in any home.

Dirty air does not just harm the health of your home's inhabitants; it is also harmful to your heating or air conditioning equipment. Dirty air particles stick to the internal components of the system, damaging internal motors and fans and lead to poor heat transfer on the system's coils. Trion® electronic air cleaners keep your system clean and operating at peak energy efficiency.

Not only can you feel good about improving your home with Trion® electronic air cleaners – but the environment as well. These units are energy efficient, and with the permanent, easy-to-clean Forever Filter®, it's a great way to "Go Green" by reducing waste.



## Pollutant Facts

- 350 Million particles of pollutants are inhaled everyday - which is equivalent to 2 teaspoons.
- 50 Million Americans suffer from allergies.
- 20 Million Americans suffer from asthma.
- 6 Billion dollars each year are spent on treating respiratory problems.
- Poor ventilation accounts for more than half of all indoor air quality problems.

# HE Series Electronic Air Cleaners

Trion® electronic air cleaners easily attach directly to your home's heating and cooling system ductwork, passing recirculated air through the air cleaner. A permanent, washable, aluminum mesh pre-filter captures large particles in the air pulled in by the furnace blower. High-voltage ionization within the Trion® exclusive Forever Filter® purifying cell then attracts and captures the particles on alternately charged aluminum plates, filtering up to 95% of particles as minute as 0.1 micron and preventing harmful irritants from being constantly recirculated.



HE Plus 1400

HE Plus 2000

The permanent, aluminum air purifying cells can be easily removed for cleaning, so there are no replacement filters to buy – ever. An optional, replaceable charcoal after-filter greatly reduces common household odors.

Available in three sizes and capable of cleaning 1,400 to 2,000 cubic feet per minute (CFM), Trion® air cleaners feature a standard, built-in airflow sensor so that the air cleaner is only running when the heating or air conditioning equipment is running to reduce energy consumption.

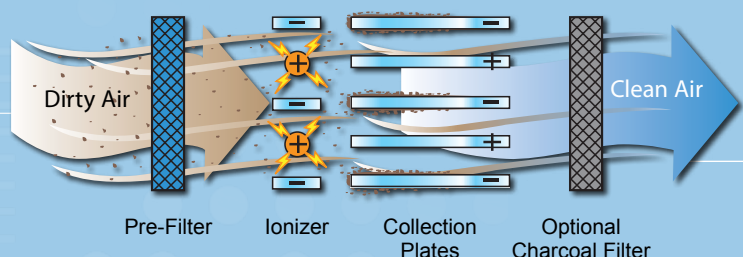
## Clean and Re-use



Our exclusive Forever Filter® attracts and captures charged dust and dirt particles on aluminum plates that are simply lifted out and rinsed off in the sink. Not only is this responsible to the environment but there are no expensive filters to replace!

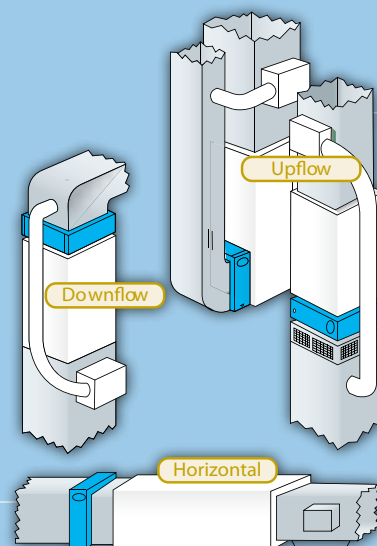
## How It Works

A high-voltage ionizer within the air cleaner electrically charges airborne pollutants and particles. Trion® electronic air cleaners feature electrostatic precipitators – a series of metal collection plates that are oppositely charged to the ionized particles. The negative filter plate then attracts and captures these microscopic particles, preventing them from being recirculated into the home. Trion® systems offer high performance and efficiency, ultra-quiet operation and no filters to replace.



## Installation Methods

Trion® electronic air cleaners work within all types of heating and cooling system configurations. Trion® whole-house air cleaners can be easily installed and are suitable for use with all types of central forced-air heating and cooling system configurations. These illustrations show you where the air cleaners should be installed in four common setups.





Trion® Electronic Air Cleaners come with a three-year limited warranty.



Humidifiers

To learn more about Trion® residential products, contact your local Trion® representative or you can visit us on the web at [www.TRIONINC.com](http://www.TRIONINC.com)



Media Air Cleaners

# TRION®

## Air Purification Systems

Trion®

101 McNeill Rd. • Sanford, NC 27330

P: 800.884.0002 | F: 800.458.2379 | [www.trioninc.com](http://www.trioninc.com) | [customerservice@trioninc.com](mailto:customerservice@trioninc.com)

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