



Improving the Air You Breathe™

Dirt and biological growth inside your heating and cooling system can lead to premature breakdowns, shortening the life of the equipment, and leading to overpayment of utility bills.

This can also aggravate asthma, allergies and cause other health concerns.



*"A dirty filter will slow down air flow and make the system work harder to keep you warm or cool – wasting energy and leading to expensive repairs and/or early system failure."*

**-Energy Star**

*"A buildup of .042 (1/20) inches of dirt on the heating or cooling coil can result in a decrease in efficiency of 21%."*

**-Environmental Protection Agency**

*"1/8th of an inch of dirt and dust build-up on the blower wheel can reduce airflow by up to 30%"*

**-Texas A&M Study**

*Removing the dust from the blower and the air ducts can increase air flow from the registers by up to 20%.*

**-Adrian Environmental LLC**

*"100% of homes tested had toxic compounds including pesticides, cleaning compounds, chemicals found in furniture and building materials, that can be the cause of asthma, allergies and other ailments."*

**-Harvard University Silent Spring Institute Study**

*"Indoor air can be 2-5 times and as much as 100 times more polluted than outside air."*

**-Environmental Protection Agency**

*"50% of all illnesses are either caused by, or aggravated by, polluted indoor air."*

**-American College of Allergists**

**FILTERS**



**BLOWERS**



**COILS**



**DUCTS**



*98% of all airborne particles are too small for even the best disposable filter to collect. Replacing your filter with a high efficiency air cleaner will protect your heating and cooling equipment while improving the quality of air in your home.*

*High efficiency air cleaners will keep your HVAC equipment and indoor air clean, lower utility bills, and lengthen equipment life.*

**DIRTY — You may be breathing this!**



**CLEAN**

# So, what can you do about it?



**Polarized-Media Air Cleaners remove even the smallest submicron particles that are otherwise absorbed into our lungs and blood-streams to trigger asthma attacks and allergy symptoms. Also effective with odors and gases.**

The best air quality solutions address the cause rather than symptoms, using a whole house indoor air cleaning strategy. Your heating and cooling system moves over 1 million cubic feet of air everyday through your home. This is the perfect place to address indoor air quality challenges using products designed specifically to address the three types of airborne contaminants. 98% of the particles in the air are invisible measuring below 1 micron in size and pass right through even the best disposable filters. Replacing your filter with a Dynamic Polarized Media Air Cleaner will protect your heating and cooling system while removing these sub-micron particles and allergens that can aggravate asthma and allergies. This is also much more effective than utilizing a unit designed just to clean a room or two.

Backed by over 30 years of experience and proven success in the engineering of both residential and commercial indoor air cleaning systems, Dynamic Air Quality Solutions has the experts that professional HVAC contractors rely on to address your indoor air quality needs. The Dynamic Polarized Media Air Cleaner is designed to support the proper air flow and high intensity air cleaning that controls sub-micron particles so you can breathe easy with cleaner, fresher and healthier air.

## *Dynamic Polarized-Media Electronic Air Cleaner*

### **Advantages of Polarized Media Electronic Air Cleaners:**

- Removes mold's food source
- 97% capture rate at .3 microns
- Removes respirable particulates
- Traps some odors and gases



Dynamic Air Cleaners use electronic polarized-media technology for maximum air cleaning capability. Active electronic, polarized-media air cleaners use a safe, 24 volt current to establish a polarized electric field. Airborne particles pass through the field and adhere to the media. The air cleaner's efficiency increases as it loads, providing exceptionally high efficiency with air resistance much lower than expensive disposable filters.

Polarized-Media Air Cleaners capture the smallest sub-micron particles, in addition to airborne allergens, and some gases and odors. Polarized-Media Air Cleaners capture 97% of particles at .3 microns and continues trapping particles much smaller in size.

Polarized-Media Air Cleaners install into existing filter tracks, without costly ductwork modifications, turning your home's central heating & cooling system into a whole-house air cleaning system. And maintenance is a breeze. Each Polarized-Media Air Cleaner uses a disposable replacement media pad which can be replaced in just minutes to keep your air cleaner running at peak efficiency.