



# Air Purity Solutions

Whole-Home Electronic Air Purifiers



*Trusted Solutions for a Healthy Home™*

**HOUSEHOLD PROBLEM:**

*Indoor air pollution is a problem in almost every home—**including yours**. Aprilaire can help you fight back at the particles that are harming your home and your family.*





# Is healthy indoor air in your home under control?



The air you breathe inside your home could be the most polluted air you breathe all day.

In fact, the EPA has named indoor air pollution as one of the top five environmental risks to public health. With the amount of time spent indoors, it's no wonder so many people suffer from allergies, asthma and other illnesses.

## Here's what's happening in the air you're breathing right now.

- + Just one cubic foot of air can have more than 30 million pollutants—that's 100 times more than the air outside. Polluted air like this causes 94% of all respiratory problems.
- + If you see dust in the air or on your furniture, what you're really looking at are mold spores, pet dander, bacteria, pollen and other harmful contaminants. About 40,000 dust mites, which increase the chance of asthma development,\* can live in just one ounce of dust.

- + In addition to visible contaminants, there's an alarming concentration of harmful particles that are invisible to the human eye. Particulate matter like this is the leading cause of poor indoor air, and it's found in 85% of homes.\*
- + Every time you dust or vacuum, you actually increase particulate concentration.
- + It's not just your family that suffers. Contaminants can also have a damaging effect on your furniture, appliances and other electronics.

Indoor air pollution is a problem in almost every home—including yours. Aprilaire can help you fight back at the particles that are harming your home and your family.

\*AirAdvice State of Our Indoor Air Report, 2007

**Aprilaire**<sup>®</sup>

Learn more about the benefits of whole-home air cleaning at [aprilaire.com/filtration](https://www.aprilaire.com/filtration)

# Cleaner and Healthier Air is Within Your Reach

While polluted indoor air can have a negative effect on the health and comfort of your family, a whole-home air purifier from Aprilaire will help you manage it.

Installed as part of your home's heating and cooling system, it puts you in complete control of air purity. When your HVAC system fan is on, it delivers cleaner, healthier air not just in one room, but throughout your entire home.

## **An Aprilaire Whole-Home Air Purifier Can Help You:**

### **CONTROL HEALTH**

A whole-home air purifier removes particulates and irritants throughout your home. That includes mold spores, pet dander, dust mites, bacteria, pollen and even viruses. By removing these harmful contaminants, you'll help reduce the risk of asthma attacks and allergic reactions.

### **CONTROL DUST**

You'll notice less build up, making your home look and feel cleaner, while protecting appliances and electronics.

### **PROTECT YOUR HOME**

Optimal humidity can also help you stay warmer at cooler temperatures. That means you can lower your thermostat and save energy, thereby lowering your heating costs.



# Indoor Air Quality & Viruses — The Real Story

With the outbreak of dangerous strains of influenza it's more important than ever to take precautions and make informed decisions. At Aprilaire, we strive to provide our partner contractors and consumers straight-forward information regarding indoor air quality and health.

## Often, the question is asked, can a high-efficiency whole-home air purifier help safeguard my house against the flu?

The real answer is **YES! IT CAN HELP!** The Aprilaire Model 5000 Air Purifier permanently traps airborne particles including those laden with viruses down to .01 micron in size.

### Here's how:

In order to thrive, a virus will often attach itself to something that is airborne; your skin, dust or dander in your home. Your HVAC system blower moves the air throughout your home and pulls many of those airborne particles through your return air ducts and into the air purifier filter.

98% of those particles entering the Model 5000 Air Purifier will be permanently trapped, where the virus will rest in peace, then be harmlessly disposed of when you change the filter. Trapped particles physically cannot re-enter your living space.



*Your HVAC blower moves air throughout your home and pulls airborne contaminants through your return air ducts trapping them into the filter.*



Aprilaire Model 5000 Air Purifier

## REMOVAL EFFICIENCY

<b>89%</b>	<b>95%</b>	<b>98%</b>
0.3 - 1.0 Microns	1.0 - 3.0 Microns	3.0 - 10.0 Microns



# Event-Based™ Air Cleaning —cleaner air on your terms.

One of the many advantages of an Aprilaire air purifier is the ability for you to control when and how it works.

Most whole-home air purifiers work only when your heating or cooling system is running. But what if you're vacuuming and kicking up extra dust? What if it's allergy season, and you and your family are constantly sneezing?

There are special day-to-day situations that make the need for air cleaning more urgent. That's why we offer an Aprilaire Event-Based Air Cleaning Thermostat. It allows you to manage your air purifier with a simple-to-use control that's conveniently located in your living space.



*Automatic Digital Control  
mounted on a heating system*

## Aprilaire Thermostat with Event-Based Air Cleaning

This intuitive thermostat allows you to clean the air in your home based on your unique needs. Choose from a variety of settings, including: **Constant Clean, Automatic, Event Clean and Allergies.**

## WiFi Control of Indoor Air Quality

Aprilaire WiFi Thermostats with IAQ Control provide the most convenient and accurate control of air purity and temperature. Event-Based Air Cleaning is integrated into the thermostat and easily controlled from a mobile device. Also, you're notified when your air purifier filter needs replacement. The app also allows you to control other installed Aprilaire IAQ products for optimum fresh air ventilation and humidity levels and keeps you up-to-date about changing climate conditions in your home.



*Aprilaire offers a full line of  
WiFi and wired thermostats for  
convenient, efficient control of  
temperature, humidity and all  
indoor air quality accessories.*





## **Aprilaire—delivering improved comfort to your home and family.**

Aprilaire has spent nearly 40 years perfecting its line of industry-leading products to help make sure your indoor air is as clean and comfortable as it can possibly be.

Whether you want standard air cleaning functionality, or you want 98% effectiveness at removing particles as small as one micron—that's 1/100th the diameter of a human hair—Aprilaire has the solution that's right for you.

All of our products work silently as they permanently trap particles. Pure, clean air is then delivered through your heating and cooling system to every room in your home.

### **Clean coil guarantee**

Aprilaire air purifiers are so effective at removing particles and contaminants that are harmful to your family and your HVAC equipment, we offer you this guarantee: Should your new indoor air conditioning coil require professional cleaning in the next 10 years while properly using an Aprilaire air purifier, we will pay \$100 toward the cost of having the indoor coil cleaned by a licensed contractor. *For more details, visit [Aprilaire.com](http://Aprilaire.com).*

*The leader in  
healthy home solutions  
since 1953.*

**YOUR SOLUTION TO INDOOR AIR POLLUTION**

*Delivering trusted solutions to homes and families like yours for more than 60 years.*

To homeowners who do more for their families, Aprilaire is your trusted source for total Indoor Air Quality solutions that will improve your family's health, make your home more comfortable and energy efficient while protecting your home assets.

For more information about the Aprilaire family of whole-home comfort solutions, visit

 **aprilair.com**

 /aprilair



**HEALTHY HOME SOLUTIONS**

- + Humidification
- + Dehumidification
- + Air Purification
- + Temperature Control
- + Ventilation

**Aprilaire.com**

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