

# Aprilaire®

**ELECTRONIC AIR CLEANERS**

Nobody Makes Clean Air Easier®

## Record-setting performance



**Patented breakthrough technology provides  
air-cleaning performance never before possible.**

A PART OF THE APRILAIRE® INDOOR AIR COMFORT SYSTEM

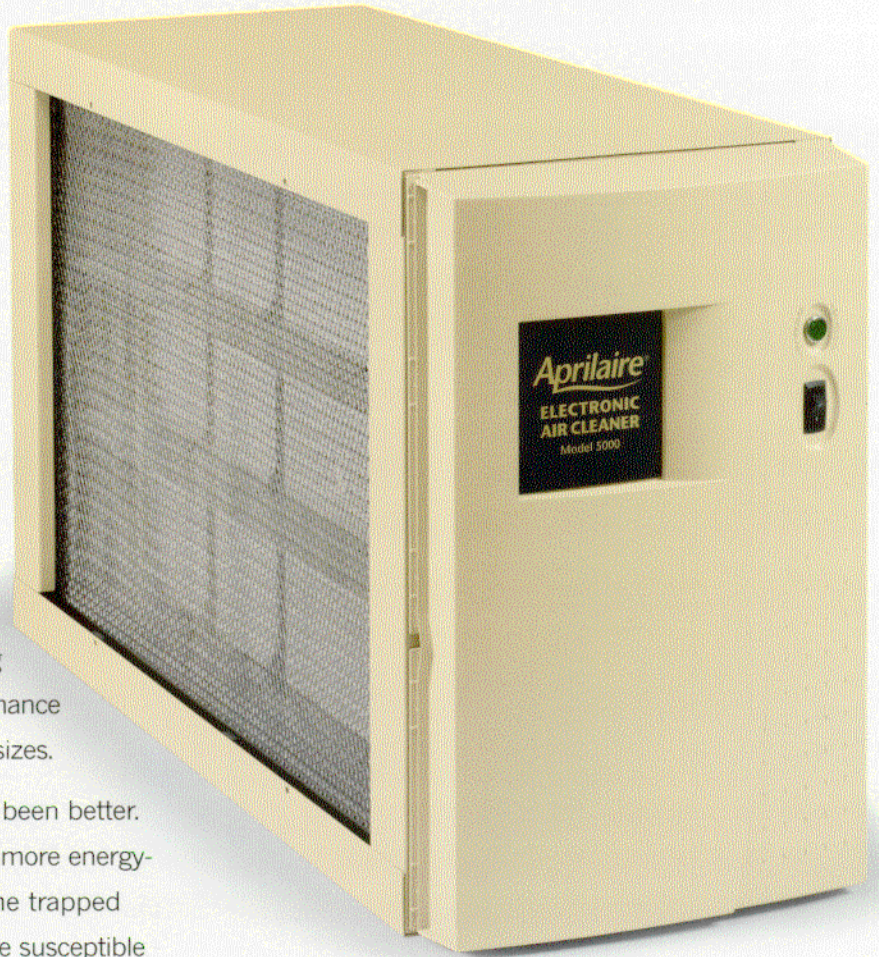


## The new air cleaner champion.

There's a new leader when it comes to removing dust, pollen, bacteria, and other contaminants from the air in your home. It's the Aprilaire® Electronic Air Cleaner Model 5000.

Technically speaking, an air cleaner's performance is measured in terms of its efficiency at trapping various micron-sized particles. For example, a human hair is 100 microns in diameter. The Aprilaire Electronic Air Cleaner is never less than 94% efficient at removing disease-causing bacteria as small as 0.35 micron. No other whole-house air cleaner can reach more than 70% efficiency in trapping these tiny particles. Our new air cleaner's performance is also unparalleled at capturing particles of all sizes.

The timing for this breakthrough couldn't have been better. Study after study shows that as homes become more energy-efficient, more and more contaminants become trapped inside. That means you and your family are more susceptible to the effects of harmful bacteria, pollen, mold, dust, and dander. Those effects can range anywhere from increased occurrence of colds, to more severe allergy symptoms, to general discomfort.



## Cleaner air means healthier air.

Does anyone in your household suffer from allergies? Do you often catch a cold in the winter? Since many of these problems are caused by airborne contaminants such as cigarette smoke, pollen, bacteria, viruses, mold, and dust, the Aprilaire Electronic Air Cleaner will provide you with much needed relief. In fact, doctors often recommend whole-house air cleaners to their patients with allergies and other



### Significantly improved air cleaning efficiency.

Particle Size (microns)	Particle Types of Specified Size						Efficiency*	
	Tobacco Smoke	Respirable Dust	Bacteria	Pet Dander	Fungi	Pollen	Aprilaire Electronic Air Cleaner	Plate-Type Electronic Air Cleaners
0.35	■	■	■				94%	70%
0.5	■	■	■	■			95%	81%
1.0		■	■	■			98%	92%
2.0		■	■	■	■		98.5%	94%
5.0			■	■	■		>99.5%	**
10.0			■	■	■	■	>99.9%	**

\* Based on particle size.

\*\* Efficiency not published by manufacturers on 5.0 and 10.0 micron particle sizes.



respiratory problems. And because the Aprilaire Electronic Air Cleaner is the most efficient air cleaner on the market today, that makes it the best choice for the healthiest indoor air.

### And a cleaner, more comfortable home.

Because the Aprilaire Electronic Air Cleaner is the most efficient air cleaner ever, it means there's less dust in your air to collect on surfaces and damage expensive equipment like computers and other electronics. It also means that your heating and cooling equipment receives the greatest protection available. When dust and other contaminants build up in your furnace or air conditioner, they can cause premature breakdown. But the superior efficiency of the Aprilaire Electronic Air Cleaner will help your heating and cooling equipment lead a long and productive life.

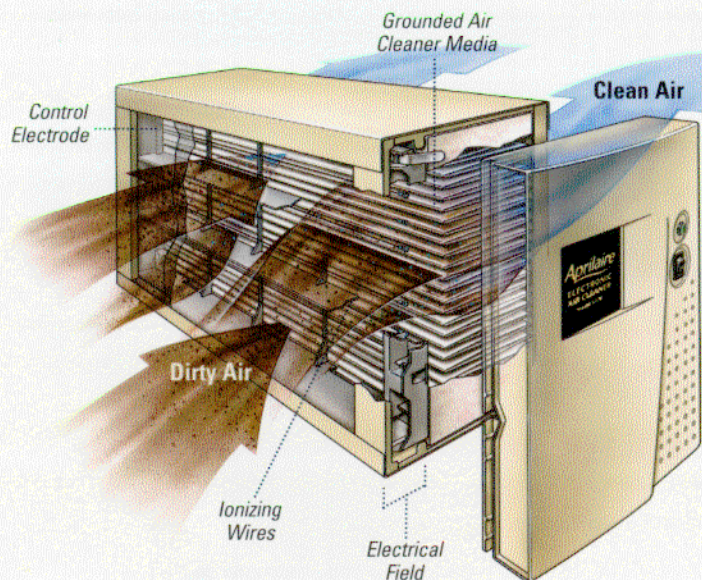
### Changing the rules of the game.

Plate-type electronic air cleaners simply charge particles, which then may be attracted to grounded plates in the unit. The Aprilaire Electronic Air Cleaner's performance exceeds all other whole-house air cleaners on the market. It employs an intense ionization field, creating a powerful attraction between airborne particles and the air cleaning media, which permanently traps these particles.

It wasn't easy to achieve these levels of efficiency, but after years of research, development, and field testing, we created



breakthrough technology that delivers record-setting performance. Using air cleaning media instead of plates to trap particles provides several benefits. Unlike plate-type electronic air cleaners that lose efficiency over time, the Aprilaire Electronic Air Cleaner's special media permanently traps particulate, which means you always get the efficiency you expect. And, our air cleaner requires less maintenance. Plate-type electronic air cleaners must be cleaned frequently to maintain efficiency, but the Aprilaire special media only needs to be changed once a year, an operation that takes you or your service person just a few minutes.



### How the greatest air cleaning efficiency is achieved.

Particles entering the air cleaner pass through a control electrode, which focuses and intensifies an electrical field generated by the ionizing wires. The particles are charged in the electrical field and then collected on grounded micro-fiber media.

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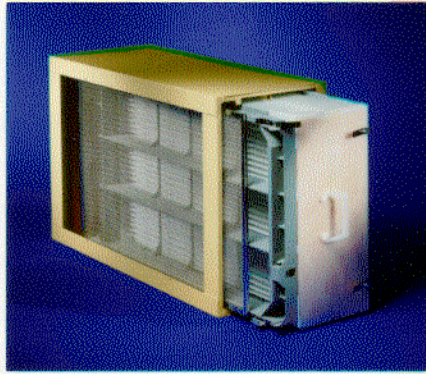
**ELECTRONIC AIR CLEANERS**

Nobody Makes Clean Air Easier®



**New technology from a trusted source.**

Homeowners across the country have relied on the Aprilaire brand for years to provide the best indoor air comfort throughout their homes. Our history of innovation and reputation for quality have made us the leading provider of humidifiers and other air quality enhancements for your heating and cooling system. The Aprilaire Electronic Air Cleaner Model 5000 represents the latest offering in that legacy of innovation.



**Specifications**

- Outside dimensions:** Housing: 17 3/4" x 28 1/8" x 11 1/2"  
Overall length with power pack/door assembly: 17 3/4" x 31 1/8" x 11 1/2"
- Inlet opening:** 14 3/4" x 23 7/8"
- Outlet opening:** 14 3/4" x 24 7/8"
- Power requirements:** 120 VAC 60Hz, unit equipped with 5 ft. grounded cord with plug
- Current:** 0.3 Amps maximum
- Shipping weight:** 35 lbs.
- Resistance @ airflow volume:**

.10" @ 1000	.21" @ 1600
.14" @ 1200	.25" @ 1800
.17" @ 1400	.29" @ 2000



**Aprilaire®**

**THE BEST IN INDOOR AIR COMFORT**

The Aprilaire® Indoor Air Comfort System is an integrated group of air quality enhancement products designed to work with your heating and cooling system to make your home more comfortable. For the best in indoor air quality, ask your heating and cooling contractor about these fine Aprilaire products, or visit us at [www.aprilaire.com](http://www.aprilaire.com) to solve your Indoor Air Comfort needs.



**Aprilaire® Automatic Humidifiers**  
The Best Cure For Dryness®  
The world's first computer-equipped, completely automatic humidifiers.



**Aprilaire® High Efficiency Air Cleaners**  
Nobody Makes Clean Air Easier®  
Delivers the cleanest, healthiest air ever available from a whole-house air cleaner.



**Aprilaire® Fresh Air Exchangers**  
Only The Freshest Homes Have April Air™  
Your best value for a constant, controlled supply of fresh air with energy-recovery.

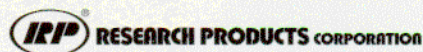


**Aprilaire® Zone Control Systems**  
Custom Comfort Throughout Your Home®  
The most reliable way to achieve temperature control in every area of your home.



**Aprilaire® Electronic Thermostats**  
Energy Efficiency Never Looked So Good™  
Ultra-thin, easy-to-use digital, programmable, and communicating controls featuring pinpoint accuracy.

**Aprilaire.com = Indoor Air Comfort**



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