# Aprilaire®

Control Air Purity

Enjoy improved health and comfort with whole-home air cleaning from Aprilaire

### Is the air purity 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



#### Cleaner, 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.

With an installed air cleaning unit working in tandem with your HVAC system, you can make every corner of every room feel more comfortable and more healthy. You'll also keep your air conditioner's cooling coil clean and your furnace working efficiently, saving energy, minimizing repair costs and extending service life.



# 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.

#### Performance and peace of mind.

Our easy-to-install, high-performance filters only need to be replaced once every year. Plus, all of our air purifiers come with a five-year warranty and a 10-year clean coil guarantee for your cooling system.\*

\*For more information, visit Aprilaire.com/cleancoil.

# Event-Based<sup>™</sup> 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.



## 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.





Aprilaire offers a full line of Wi-Fi and wired thermostats for convenient, efficient control of temperature, air purity and all indoor air quality accessories.

## Wi-Fi Control of Indoor Air Quality

Aprilaire Wi-Fi 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.

#### 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**.

	APRILAIRE AIR CLEANERS	MODEL NO.	NOMINAL SIZE (in inches)	CABINET SIZE	REPLACEMENT MEDIA NO.	Resistance @ Airflow Volume (inches w.c. @CFM)	REMOVAL EFFICIENCY						
00					MEI	RV 16 EQUIVALENT	VIRUS & ULTRAFINE PARTICLES	TOBACCO, SMOKE & SMOG	PET DANDER RESPIRABLE DUST	BACTERIA FUNGI	MOLD SPORES	POLLEN	
Model 5000	5000 16 x 25		W: 12" D: 31" H (front): 18.25" H (back): 17.75"	.14"@1200 .17"@1400 .21"@1600 .25"@1800 .29"@2000		<b>80%</b> .012 Microns	<b>95%</b> .39 Microns	<b>98%</b> 1+ Microns	98% 2+ Microns	<b>99</b> % 6-10 Microns			
						MERV 13							
3000 Series		3210	20 x 25	W: 6.75" D: 27.38" H: 22.06"	213	.16"@1200 .20"@1400 .25"@1600 .30"@1800 .35"@2000		<b>75%</b> .39 Microns	96% 1+ Microns	<b>97%</b> 2+ Microns	<b>98%</b> 6-10 Microns		
		3310	20 x 20	W: 6.75" D: 22.06" H: 20.38"	313	.09"@600 .13"@800 .18"@1000 .23"@1200	-						
		3410	16 x 25	W: 6.75" D: 30.06" H: 17.75"	413	.17"@1200 .22"@1400 .26"@1600 .31"@1800 .37"@2000							
2000 Series		2210	20 x 25	W: 6.75" D: 27.38" H: 22.06"	213	.16"@1200 .20"@1400 .25"@1600 .30"@1800 .35"@2000		<b>75%</b> .39 Microns	<b>96%</b> 1+ Microns	<b>97%</b> 2+ Microns	<b>98%</b> 6-10 Microns		
		2310	20 x 20	W: 6.75" D: 22.06" H: 20.38"	313	.09"@600 .13"@800 .18"@1000 .23"@1200	-						
7		2410	16 x 25	W: 6.75" D: 30.06" H: 17.75"	413	.17"@1200 .22"@1400 .26"@1600 .31"@1800 .37"@2000							
					MERV 11								
1000 Series		1110	16 x 20	W: 6.75" D: 22.06" H: 17.75"	110	.06"@600 .10"@800 .14"@1000 .20"@1200		-	<b>56%</b> 1+ Microns	<b>72%</b> 2+ Microns	<b>94%</b> 6+ Microns	<b>95%</b> 10+ Microns	
		1210	20 x 25	W: 6.75" D: 27.38" H: 22.06"	210	.04"@600 .06"@800 .08"@1000 .11"@1200 .13"@1400 .16"@1600 .19"@1800 .22"@2000							
		1310	20 x 20	W: 6.75" D: 22.06" H: 20.38"	310	.07"@600 .10"@800 .14"@1000 .19"@1200 .25"@1400							
		1410	16 x 25	W: 6.75" D: 30.06" H: 17.75"	410	.05"@600 .07"@800 .09"@1000 .12"@1200 .15"@1400 .19"@1600 .22"@1800 .27"@2000	-						
		1510	31 x 28	W: 6.75" D: 30.06" H: 31.01"	510	.04"@1000 .05"@1200 .06"@1400 .07"@1600 .09"@1800 .10"@2000 .12"@2200 .14"@2400 .15"@2600 .17"@2800 .19"@3000			crons captured (A single strand or y has a diameter of 20 to 180 mi				
		1610	16 x 25	W: 16.1" D: 30.1" H: 17.8"	410	.05"@600 .07"@800 .09"@1000 .12"@1200 .15"@1400 .19"@1600 .22"@1800 .27"@2000							

#### ALL APRILAIRE MEDIA AIR CLEANERS CAN USE EITHER MERV 11 OR MERV 13 REPLACEMENT MEDIA BASED ON YOUR NEEDS.

APRILAIRE MODELS	1110	1210	1310	1410	1510	1610	2210	2310	2410	3210	3310	3410
MERV 13 - SUPERIOR PARTICULATE REMOVAL	113*	213	313	413	513*	413	213	313	413	213	313	413
MERV 11 - LOW RESISTANCE	110	210	310	410	510	410	210	310	410	210	310	410

# Delivering comfort to homes and families like yours for more than 50 years.

Aprilaire has a full range of indoor air quality solutions that work together to make your home more healthy, comfortable and energy efficient. From whole-home air purifiers and humidity control to ventilation and zoned temperature solutions, we can help you maintain an optimum indoor environment for your home and family.

Ask your Aprilaire comfort consultant about our full range of indoor air quality solutions.



For more information about the Aprilaire family of wholehome comfort solutions, visit **Aprilaire.com**.