

Comfort, Energy
& Health Solutions

Indoor
Air Quality



www.honeywell.com/yourhome/



Your family.
Your home.
Your comfort and peace of mind.

Good reasons to choose better indoor air.



enviraCaire
ELITE™

whole-house air quality system



5-Year
Limited Warranty

Zap airborne germs



Ultraviolet Air Treatment System



Magnified
Bacteria

Bacteria and mold spores. They're nasty. So you wash, wipe and clean.

But they can still blow through the air in your home every time your heating and cooling system's fan runs.

That's not all. Your air conditioner's moist cooling coils can serve as an ideal breeding ground for mold, a known allergen.

But there's help: an Enviracaire Elite™ Ultraviolet Air Treatment System.

Kill most germs before they re-circulate
Return-air duct models. Mounted in the ductwork of your heating and cooling system, the Ultraviolet Air Treatment System continuously emits ultraviolet (UV) energy that kills a high percentage of airborne bacteria passing by the light. Honeywell uses special UV lights that don't produce ozone, unlike most UV products.

Prevent mold spores from growing on your system's cooling coils
Coil irradiation model. Mounted above your central air conditioner's cooling coil, the Ultraviolet light continuously bathes cooling system components with mold-stopping UV energy.

Specially designed for maximum performance and safety
UV Air Treatment products by Honeywell feature a unique design with a special safety design that won't let bulb light unless properly mounted to the duct, and a special light pipe to safely view the bulb operation.

UV technology used for decades in water treatment—now available for home use



Coil

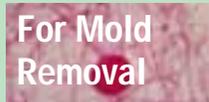


Dual Lamp
Return Air



Single Lamp
Return Air

Lab test shows*



The coil irradiation model kills up to **99.9%** of mold¹ that could otherwise thrive on your system's cooling coils.



The premium dual-lamp model kills up to **87%** of certain airborne bacteria² passing by the system.

The single-lamp model kills up to **70%** of certain airborne bacteria³ passing by the system.

* Test by independent lab was conducted on one sample. Bacteria were injected into a test duct and surviving bacteria were counted.

¹ Test performed in a test duct showed a 3-log (99.9%) reduction in colony-forming aspergillus niger mold spores when surface was irradiated at a distance of 18" for 3 hours in still air, using new bulbs.

² Test performed showed an 87% single pass kill rate of serratia marcescens bacteria in a clean metal 12" x 25" duct at an airflow rate of 2000 cfm using new bulbs.

³ Test performed showed a 70% single pass kill rate of serratia marcescens bacteria in a clean metal 12" x 25" duct at an airflow rate of 2000 cfm using new bulbs.



5-Year
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99% of airborne particles are
invisible to the naked eye.

Whole-house Air Cleaner

Trap airborne particles

Indoor air can often be more polluted than the air outdoors.

What can you do? One important element of an overall strategy to improve air quality is to filter the air in your home with a whole-house air cleaner. It filters impurities from the air that passes through it.

Why care about 0.3 micron particles?

Airborne particles that measure 0.3 microns are the most difficult size to capture. That's why Honeywell rates its air cleaners according to their ability to trap particles this size.

Clean the air

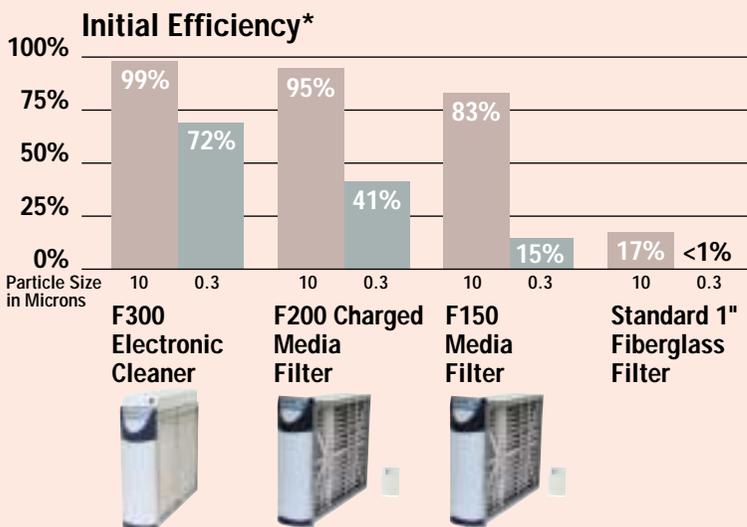
Honeywell offers a range of whole-house air filtration options, so there's a model that's right for you. They work silently while your system runs to improve your home's air and increase your comfort and peace of mind.

0.3 microns is more than 600 times smaller than the tip of a pencil point. Particles this small have the best chance of being inhaled.

The AIRWATCH™ Performance Indicator just made your life a little easier.

Honeywell's exclusive AIRWATCH Indicator reminds you when to change your ultraviolet lights, humidifier pad and air filter.

- Free with media air cleaner
- Sold separately for other products



Electronic Air Cleaner by Honeywell is #1 preferred for over 40 years.

What size are they? (in microns)[†]

Human hair	3–200
Pollens	10–100
Pet dander	0.2–100
Plant spores	10–70
Fungi	0.5–5
Bacteria	0.3–3
Tobacco smoke	0.003–0.04

* Efficiency is determined by the air passing through the air cleaner. LMS Technologies Inc. fractional efficiency testing F150, F200 0.3–0.4 micron size range, year 2000. F300 0.3–0.5 micron size range, year 1998. 1" filter, AFLT Inc., removal efficiency testing 0.3–0.4 micron size range, year 1997.

[†]Stanford Research Institute. This chart is intended to provide information on particle size only, not air cleaner performance.



5-Year
Limited Warranty

Moisturize

parched air

Warm, dry air acts like a giant sponge, soaking up moisture from everything it touches.

No doubt about it, air that's too dry can take a toll on your family.

Your home can suffer too. Parched, thirsty air literally sucks the moisture out of your home's woodwork and furnishings, leaving them cracked or dried out.



HE225, HE265
Bypass Whole-house Humidifier



HE365
Powered Whole-house
Humidifier

Replenish the moisture

Fortunately, replenishing the moisture in your home's air is easy. Enviraicare Elite whole-house humidifiers add needed moisture—safely, efficiently and automatically.

An Enviraicare Elite humidifier helps protect your home's wood furnishings and contents, too.

Popular, easy

Honeywell offers a range of humidifier models to meet your home's particular needs. Plus, Enviraicare Elite humidifiers are easy to maintain. Just replace the humidifier pad once a year. No tools are needed.

Providing
humidity for
your home



AgION™ protects your humidifier pads

Only Enviraicare Elite humidifier pads are treated with AgION™ antimicrobial compound. This advanced antimicrobial agent prevents the surface growth and migration of bacteria, mold, fungus and algae on the humidifier pad.

Wintertime relative humidity
inside the average home

15%



Average humidity in the
Sahara Desert

25%



Improve Your indoor air



You want the best for your family. A comfortable home. Peace of mind.

But what about your home's air? According to a study conducted by the U.S. Environmental Protection Agency, indoor air can be more polluted than the air outdoors. And if you're like most Americans, you spend up to 90 percent of each day indoors—and more than half of that time at home.

Tight homes seal in pollutants

Today's homes are often sealed tightly to conserve energy. Problem is, they can seal in pollutants too. Mold, pollen, bacteria and other undesirables pervade virtually all indoor air.

The U.S. EPA ranks indoor air pollution among the top five environmental risks to public health. Even air that's simply too dry or too humid can cause problems.

Refresh your air

Fortunately, there's a solution to many indoor air quality problems. A way to improve the air in your home. A way to enhance your comfort and peace of mind.

The Enviraicare Elite™ whole-house air quality system works to improve and refresh the air in your entire home. It will...

...**Zap** airborne germs.

...**Trap** airborne particles.

...**Moisturize** parched air.



Choose better indoor air

Improve your air. Enhance your comfort and peace of mind. Get the Enviracaire Elite™ whole-house air quality system.

Ask your Honeywell Enviracaire Elite contractor for more information today. Or go to www.honeywell.com/yourhome/



Indoor air quality checklist

Should you be concerned about the indoor air quality of your home?

- Are you exposed to indoor air pollutants such as mold, bacteria, pollen, animal dander or tobacco smoke?
- Do you have dry air?
- Do you have static cling and static electricity "shocks" in the winter?
- Do you have woodwork, wood furnishings, artwork, wooden musical instruments or collectibles that you need to protect and preserve?
- Do you have moisture damage to windows and woodwork?
- Do you have window condensation when temperatures drop?
- Is black mold growing on any windowsills?
- Do you own pets?
- Do you have small children?
- Does the indoor air seem stale during winter months?

Please Note:

Performance of the Enviracaire Elite system in your home will depend on a number of factors including house floor plan design, duct design, and heating and cooling equipment selection.

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Quick Tips



Consider these simple strategies to improve your home's air, and increase your comfort and peace of mind.

- **Control** pollution at the source. For example, keep windows closed during the prime ragweed season.
- **Ventilate** your home. Use exhaust fans when you cook or shower and refresh your air with a Honeywell ventilation system.
- **Filter** the air with a whole-house air cleaner.
- **Treat** the air with an ultraviolet air treatment system.
- **Maintain** the right relative humidity with a whole-house humidifier.

Honeywell

Home and Building Control

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