

Comfort, Energy  
& Health Solutions

Indoor  
Air Quality



www.honeywell.com/yourhome/

# Trap

airborne particles  
with **whole-house HEPA** filtration

Indoor air can often be more polluted than the air outdoors. Mold, pollen, bacteria and other undesirables pervade virtually all indoor air. Now, from a trusted name in home comfort and air quality, comes a whole-house solution for homeowners who want HEPA filtration: The Honeywell Whole-House HEPA Air Cleaner.

## Technology that delivers better indoor air

### Powerful, 3-stage filtration

- **Activated carbon filter** helps reduce common household odors from the air passing through it
- **Pleated prefilter** extends the life of the HEPA filter
- **HEPA filter nabs 99.97%** of particles that are 0.3 microns in size (the most difficult size to capture) from the air that passes through the filter

### Powered bypass design

- **Permits proper airflow** through the heating/cooling system
- **Delivers 400 cfm** of filtered, refreshed air to the home by diverting a portion of the air passing through your heating/cooling system
- **Accommodates homes up to 4,000 square feet**



The air in a typical home will pass through the HEPA filter 36 times per day when the air cleaner operates continuously.

## What is a HEPA air cleaner?

HEPA stands for *high-efficiency particulate arresting*. Honeywell HEPA air cleaners offer powerful filtration: They capture 99.97% of particles that are 0.3 microns in size from the air that passes through the filter.

Many physicians recommend the use of HEPA air cleaners as part of their allergy patients' overall treatment program. HEPA filtration is used in hospitals, laboratories and other settings.

## Why care about 0.3-micron particles?

Airborne particles that measure 0.3 microns are the most difficult size to capture. Particles this size stand the best chance of being inhaled.

## What size are they? (in microns)<sup>†</sup>

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

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

## HEPA filtration: Better indoor air

### Features you want

- Installs quickly onto new or existing forced-air heating/cooling systems
  - Operate continuously for round-the-clock filtered air, or
  - Operate only when heating/cooling system blower runs
- Easy to maintain—just replace the filters periodically
- Innovative, self-sealing design makes replacing filters a snap
- Quiet operation
- Rugged, compact steel cabinet
  - Standard for installation in conditioned environments
  - Fully insulated for installation in unconditioned environments

**5-Year  
Limited Warranty**

## Air filtration



### Comfort, peace of mind

- Improved home air quality for your family
- Whole-house HEPA filtration
- Quiet operation
- Easy to maintain—just change the filters when system reminds you



### Free! AIRWATCH™ Performance Indicator

- Reminds homeowners when to change the filters
- Uses long-life batteries (included) for quick, wire-free installation
- Helps ensure maximum air-cleaning performance

Filter	Replacement interval	
	Normal	Light duty
Activated carbon filter	3 months	4 months
Pleated prefilter	12 months	16 months
HEPA filter	3 years	5 years

## F500 Whole-House HEPA Air Cleaner

Featuring a

**Filtrete™**  
High Performance  
Filter from  
**3M**



### Learn more

- See your Honeywell contractor
- Send email to [info@honeywell.com](mailto:info@honeywell.com)
- Go to [www.honeywell.com/yourhome/](http://www.honeywell.com/yourhome/)

**Honeywell**

Automation and Control Solutions

In the US: Honeywell, 1985 Douglas Drive North, Golden Valley, MN 55422-3992

In Canada: Honeywell Limited, 35 Dynamic Drive, Toronto, Ontario M1V 4Z9

