

Whole-House Air Cleaners

Honeywell introduced its first Electronic Air Cleaner 50 years ago — and our history of performance and reliability have made us the preferred consumer brand ever since. Our complete portfolio of air cleaning solutions includes Electronically-Enhanced Media Air Cleaners, High-Efficiency Electronic Air Cleaners, Media Air Cleaners, Return Grille Media and Media Replacement Filters. Honeywell's complete line of Filtration Solutions allows you to customize your offering to meet your customer's needs.

When selecting an Air Cleaning solution for your next job, look for these Honeywell features:

- Advanced 3-Step Filtration Technology*
- Easy to Maintain
- Universal Application
- Both Washable and Replaceable Filtration Solutions
- Sizes Designed to Fit Any Application
- Customizable Labels
- Quiet Operation
- 5-Year Limited Warranty

* Select models only.



TrueCLEAN™

Enhanced Whole-House Air Cleaners

- Best of media and electronic
- Advanced 3-step filtration technology that charges, captures and destroys particles
- MERV 15 efficiency rating
- Easy maintenance and quiet operation for reduced callbacks
- Trade-only replacement filters for recurring replacement revenue
- 5-Year Limited Warranty



F300

Whole-House Electronic Air Cleaner

- Self-regulating power supply maintains high efficiency as the air cleaner loads
- Washable filter for the lowest annual cost of operation.
- MERV equivalent 12 to 15* efficiency rating
- Optional anti-microbial postfilter to increase efficiency and provide replacement opportunity
- Also available in a Return Grille Model (F52)
- 5-Year Limited Warranty



F200

Whole-House Media Air Cleaner

- Captures up to two times more of the smallest airborne particles passing through the filter than the F100 Media Air Cleaner
- Pressure sensor in door indicates pressure drop and transmits to wireless receiver
- MERV 13 efficiency rating
- 5-Year Limited Warranty



F100

Whole-House Media Air Cleaner

- Up to 14 times more effective than a standard one-inch filter, capturing up to 96% of airborne particles*
- Lasts up to four times longer than a standard one-inch furnace filter. Replace every 6-12 months versus monthly or quarterly changes.
- Six space-saving sizes to fit any application
- Merv 11 efficiency rating
- 5-Year Limited Warranty



FC40R and FC20R

Return Grille Media Air Filters

- MERV 8 (FC20R) and MERV 10 (FC40R) efficiency ratings
- Captures up to 37 times more airborne particles passing through the filter than a standard 1" filter
- 18 sizes to fit most return grille applications
- Provides four inches of filtration in a one-inch grille, with three times the life of a standard one-inch filter
- Limited Warranty



Replacement Filters

- Both cartridge and PopUP™ collapsible models
- High-efficiency and low pressure drop solutions
- Sizes that fit Honeywell and competitive units
- MERV 11 (PopUP filter) efficiency rating



* Based on a third-party testing.

Air Cleaner Selection Guide

	Model	Type	OS#	Size	Application	Rated Airflow
 <p>TrueCLEAN™ Enhanced Whole-House Air Cleaners</p>	FH8000	Enhanced	FH8000F1625	16x25	Inline Air Filtration	1600 CFM
			FH8000F2025	20 x 25		2000 CFM
			FH8000A1620	16x20		1350 CFM
			FH8000A2020	20x20		1800 CFM
			FH8000A2520	25x20		2000 CFM
 <p>F300 Whole-House Electronic Air Cleaner</p>	F300E	Electronic	F300E1001	16X20	Inline air filtration	1200 CFM
			F300E1019	16X25		1400 CFM
			F300E1027	20X20		1400 CFM
			F300E1035	20X25		2000 CFM
	F300A,B		F300A1620	16X20	Inline air filtration	1200 CFM
			F300A1625	16X25		1400 CFM
			F300A2020	20X20		1400 CFM
			F300A2025	20X25		2000 CFM
			F300A2012	20X12.5		1000 CFM
			F300B2012	20X12.5		1000 CFM
 <p>F52F Return Grille Electronic Air Cleaner</p>	F52F	Electronic Return Grille	F52F1048	20X12.5	Central return grille	1000 CFM
			F52F1055	20X25		2000 CFM
 <p>F200 Whole-House Media Air Cleaner</p>	F200E	Media	F200E1003	16X20	Inline air filtration	1200 CFM
			F200E1011	16X25		1400 CFM
			F200E1029	20X20		1400 CFM
			F200E1037	20X25		2000 CFM
 <p>F100 Whole-House Media Air Cleaner</p>	F100F	Media	F100F2028	16X20	Inline air filtration	1200 CFM
			F100F2002	16X25		1400 CFM
			F100F2036	20X20		1400 CFM
			F100F2010	20X25		2000 CFM
			F100F2044	25X20		2000 CFM
			F100F2051	25X22		2000 CFM

Here's How They Work:

TrueCLEAN Enhanced Air Cleaners use an advanced 3-step filtration technology to deliver cleaner air by taking a high-airflow media filter and enhancing it with electronic technology. The result is a MERV 15* efficiency that actually improves over time.

Charge. Capture. Destroy. That's the basis of the three-step process that TrueCLEAN uses to capture and deactivate up to 99%** of airborne particles and contaminants passing through the system. Here's how it works.

Step 1: Charge

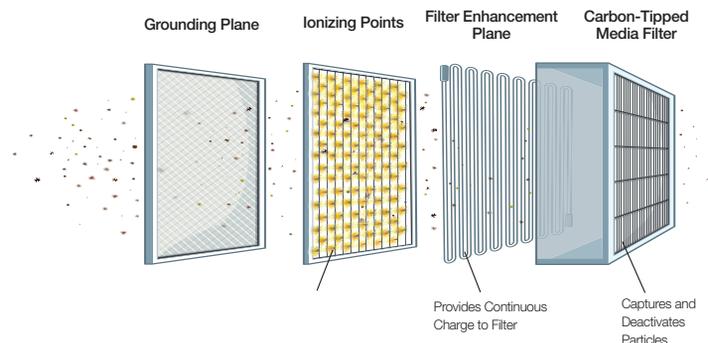
Particles enter the TrueCLEAN system through an array of ionizing points, where they become electrically charged. The unique design charges all particles evenly.

Step 2: Capture

Next, particles travel into the media filter, where they're captured in the media fibers. A continuous charge ensures dirt is loaded 360 degrees around the filter fibers — not just on the face of the filter. This process captures more particles than a standard media filter and helps the filter last longer.

STEP 1

STEPS 2 & 3



Step 3: Destroy

Once particles are captured, the charging strips on opposite sides of the carbon-tipped media filter continue to charge and deactivate particles. Particles are trapped and destroyed inside the filter, with deactivation rates of captured particles exceeding 99%**.

*Full ASHRAE testing performed at 492 FPM. ASHRAE 52.2 test of 3.0 to 10.0 micron particles performed at 492 FPM.

**99% deactivation rate of captured particles passing through the system only when air cleaner is powered and system fan is running. Testing performed at third party labs on certain virus and bacteria applied to filter disks and then exposed to an electric field. Tested virus show a reduction of virus numbers of greater than 99% by 8 hours of exposure. Tested bacteria show a reduction of bacteria numbers of greater than 99% by 24 hours. Organisms tested: human and avian influenza virus, human cold virus surrogate, and others.

***Full ASHRAE testing performed at 295 FPM. ASHRAE 52.2 test of 3.0 to 10.0 micron particles performed at 295 FPM.

Features and Functions					Warranty
Electric Rating	Efficiency (MERV not applicable to electronic air cleaners)	Initial Pressure Drop at Rated airflow	Replacement Filter/ Postfilter	Maintenance Cycle	
120V	MERV 15 at 492 FPM 0.3 to 1.0 microns=90% 1.0 to 3.0 microns=96% 3.0 to 10.0 microns=98%	0.22 - 0.25 in w.c..	FR8000F1625	Replace filter = up to 1 year	5-Year
208-230 VAC			FR8000F2025		
			FR8000A1620		
			FR8000A2020		
			FR8000A2520		
120V	Initial efficiency at 295 FPM 0.3 to 1.0 microns=91% 1.0 to 3.0 microns=98% 3.0 to 10.0 microns=100%	0.05 in. w.c. at 295 FPM	50000293-001 50000293-002 50000293-003 50000293-004	Vacuum prefilter = up to 6 months Wash cells = up to 1 year Replace postfilter = 6 months	5-Year
120V	Initial efficiency at 492 FPM 0.3 to 1.0 microns=78% 1.0 to 3.0 microns=92% 3.0 to 10.0 microns=97%	0.15 in. w.c. at 295 FPM	50000293-001	Vacuum prefilter = up to 3 months Wash cells = up to 1 year	5-Year
120V			50000293-002		
120V			50000293-003		
120V			50000293-004		
120V			50000293-004		
240V			50000293-004		
120V	0.3 to 1.0 microns=73% 1.0 to 3.0 microns=88% 3.0 to 10.0 microns=95%	0.2 in. w.c.		Vacuum prefilter = up to 3 months Wash cells = up to 1 year	5-Year
	MERV 13 at 492 FPM 0.3 to 1.0 microns=63% 1.0 to 3.0 microns=90% 3.0 to 10.0 microns=97%	0.3 in. w.c.	FC200E1003	Replace filter = up to 1 year	5-Year
			FC200E1011		
			FC200E1029		
			FC200E1037		
	MERV 11 at 492 FPM 0.3 to 1.0 microns=32% 1.0 to 3.0 microns=72% 3.0 to 10.0 microns=96%	0.23 in. w.c.	FC100A1003	Replace filter = up to 1 year	5-Year
			FC100A1029		
			FC100A1011		
			FC100A1037		
			FC100A1037		

Media Filters, which filter the air using webs of polypropylene fibers. Honeywell offers several media air cleaners and replacement filters, including space and time saving products like the PopUP™ media replacement filter.

Electronic Air Cleaners, which electrically charge and collect airborne particles on a collection grid. The Honeywell F300 EAC captures up to 98%*** of airborne particles passing through the product. The design of the F300's collection grid section offers the most surface area available for collecting these charged particles. The F300 power supply also increases voltage based on the amount of particles collected on these plates, so that efficiency over time stays high; an important aspect in EAC selection.

