

1-800-GRAINGER (472-4643)



## Media In-Duct Air Cleaners

Filter media neutralizes odors and traps airborne particles in residential or light commercial forced-air heating and cooling systems. For additional replacement air filters, see page 3049.

**Particle Removal**—Remove airborne contaminants such as smoke, dust, and mold.

### Particle Removal and Germicidal Disinfection—

Photocatalytic oxidizing (PCO) technology neutralizes stubborn odors, fumes, and toxic chemicals. UV light kills airborne bacteria, viruses, and mold. Helps neutralize NOx and carbon monoxide and is non-ozone generating.

**Particle Removal and VOC/Odor Neutralization**—Use ionization technology to remove airborne contaminants such as smoke, dust, and mold.

Primary Filter Performance Rating	Maximum Air Flow Capacity	Filter Efficiency @ Micron Size	Overall Height	Overall Width	Overall Depth	Brand	Mfr. Model	Item No.
<b>Particle Removal and Germicidal Disinfection</b>								
<b>Particulate Filtration</b>								
MERV 11	1200 cfm	99% at 0.3 micron	16 3/8 in	20 1/2 in	6 3/4 in	Honeywell	F100F1620	278X86
	1400 cfm	99% at 0.3 micron	16 3/8 in	25 in	6 3/4 in	Honeywell	F100F1625	468D76
	1400 cfm	99% at 0.3 micron	20 3/8 in	20 in	6 3/4 in	Honeywell	F100F2020	468D77
	2000 cfm	95% at 2 micron	17 3/4 in	28 3/8 in	6 3/4 in	Aprilaire	2410	31TP15
	2000 cfm	95% at 2 micron	22 1/8 in	27 3/8 in	6 3/4 in	Aprilaire	2210	31TP14
MERV 13	2000 cfm	96% at 0.3 micron	20 3/8 in	25 1/2 in	6 3/4 in	Honeywell	F100F2025	278X85
	1200 cfm	99% at 0.3 micron	16 3/8 in	20 in	6 3/4 in	Honeywell	F200F1620	468D80
	1400 cfm	99% at 0.3 micron	16 3/8 in	25 in	6 3/4 in	Honeywell	F200F1625	468D78
	1400 cfm	99% at 0.3 micron	20 3/8 in	20 in	6 3/4 in	Honeywell	F200F2020	468D81
	2000 cfm	95% at 5 micron	17 3/4 in	28 3/8 in	6 3/4 in	Aprilaire	1410	31TP13
MERV 8	2000 cfm	99% at 0.3 micron	22 3/8 in	27 3/8 in	6 3/4 in	Aprilaire	1210	31TP12
	2000 cfm	99% at 0.3 micron	20 3/8 in	25 in	6 3/4 in	Honeywell	F200F2025	468D79
	1400 cfm	90% at 1 micron	16 3/4 in	24 1/8 in	7 1/8 in	Trion	AIR BEAR SUPREME 16x25	4YA29
	1400 cfm	90% at 1 micron	20 3/4 in	21 3/8 in	7 1/8 in	Trion	AIR BEAR SUPREME 20x20	4YA30
	2000 cfm	90% at 1 micron	20 3/4 in	24 1/8 in	7 1/8 in	Trion	AIR BEAR SUPREME 20x25	4YA31
2000 cfm	90% at 1 micron	24 3/8 in	25 5/8 in	7 1/8 in	Trion	AIR BEAR RIGHT ANGLE	4YA32	
<b>Particle Removal and Germicidal Disinfection</b>								
<b>Particulate Filtration, Ultraviolet Light, Photocatalytic Oxidation</b>								
MERV 13	1200 cfm	92.3% at 0.3 micron	17 in	25 in	10 in	Sun-Pure Ultra-Sun	Trio-1200	2YGA5
	2000 cfm	92.3% at 0.3 micron	21 in	25 in	10 in	Sun-Pure Ultra-Sun	Trio-2000	2YGA3
<b>Particle Removal and VOC/Odor Neutralization</b>								
<b>Particulate Filtration, Ionization</b>								
MERV 11	2000 cfm	95% at 0.1 micron	24 1/4 in	24 1/8 in	7 1/8 in	Trion	HE PLUS 20x25	4YA26
	2000 cfm	99% at 0.3 micron	17 3/4 in	31 in	12 in	Aprilaire	5000	31TP18
	1200 cfm	98% at 0.3 micron	20 in	6 3/4 in	20 in	Honeywell Home	F300E1001	2TE84
	1400 cfm	98% at 3 micron	16 in	6 3/4 in	25 in	Honeywell Home	F300E1019	2TE85
	1400 cfm	98% at 3 micron	20 in	6 3/4 in	20 in	Honeywell Home	F300E1027	2TE86
2000 cfm	98% at 3 micron	20 in	6 3/4 in	25 in	Honeywell Home	F300E1035	2TE87	
<b>Replacement Filters</b>								
MERV 8	Compatible Grainger Part No.		Brand		Mfr. Model		Item No.	
	4YA29		Trion		255649-105		4YA34	
MERV 10	4YA30		Trion		255649-103		4YA35	
	4YA31, 4YA32		Trion		255649-102		4YA33	
MERV 11	31TP18		Aprilaire		501		31TP11	
	2YGA3		Sun-Pure Ultra-Sun		1RK016		2YGC1	
	2YGA5		Sun-Pure Ultra-Sun		1RK021		2YGA8	
	31TP14		Aprilaire		210		31TP06	
	31TP15		Aprilaire		410		31TP09	
MERV 13	31TP14		Aprilaire		213		31TP07	
	31TP15, 31TP17		Aprilaire		413		31TP10	
<b>Replacement UV Bulb</b>								
22 in	2YGA3, 2YGA5		Sun-Pure Ultra-Sun		1RK019		2YGA7	

\* Right-angle installation.

## In-Duct Air Cleaners

Units can operate continuously, but they require the HVAC system to be running to move air past the UV-C bulbs, filter media, or the ionization device.

**Germicidal UV**—Reduce viruses, mold, and bacteria in the air that moves past the UV-C bulbs.

No. of UV-C Bulbs	Duct Insertion Length	Maximum Air Flow Capacity	Compatible HVAC System Size	Voltage	Brand	Mfr. Model	Item No.		
<b>Germicidal UV</b>									
1	16 13/32 in	—	—	32 V AC	Honeywell Home	UV2400U1000	36WJ91		
1	18 in	5000 cfm	1.5 to 5 tons	120 V AC	UV Aire	UV-18	56HW29		
1	16 in	5000 cfm	1.5 to 5 tons	24 V AC	UV Aire	UV-16/24	56HW30		
1	16 in	5000 cfm	1.5 to 5 tons	120 V AC	UV Aire	UV-16/120	56HW31		
2	14 1/8 in	—	—	120 V AC	Honeywell Home	UV100E2009	1RXZ7		
2	14 1/8 in	2000 cfm	—	120 V AC	Honeywell	UV100E1043	278X84		
<b>VOC- &amp; Odor-Reducing PCO</b>									
1	16 1/2 in	—	—	24 V AC	Honeywell Home	UV2400U5000	36WJ90		
1	17 3/4 in	2000 cfm	1.5 to 5 tons	120/240V AC	Pro-Cell Air Purifier	Duo-2000	56HW36		
1	15 in	2000 cfm	1.5 to 5 tons	120V AC	Pro-Cell Air Purifier	Duo-16/120	56HW37		
<b>Maximum Air Flow Capacity For Duct Cut-Out Dia. Self Cleaning Compatible HVAC System Size Voltage Overall Height Overall Depth Overall Width Brand Mfr. Model Item No.</b>									
<b>Particle-Removal Ionization</b>									
2400 cfm	3 in	Yes	Up to 6 tons	24 V AC, 240 V AC	2 in	6 in	2 in	lwave 4900-20	54XY41
2400 cfm	4 in	No	Up to 6 tons	24 V AC	2 1/2 in	5 in	2 1/2 in	lwave 4900-40	783PX5
4800 cfm	4 in	Yes	Up to 12 tons	24 V AC, 240 V AC	7 in	4 in	7 in	lwave 4900-10	54XY40
<b>Replacement UV Bulbs</b>									
Bulb Length		Compatible Grainger Part No.		Brand		Mfr. Model		Item No.	
8 1/2 in		1RXZ6, 278X84		Honeywell Home		UC100E1006		1CW25	
16 in		56HW30, 56HW31		Field Controls		16LAMP		784J99	
16 3/8 in		36WJ90, 36WJ91		Honeywell Home		UV2400XLAM1		36WJ92	
17 1/2 in		56HW36		Field Controls		17.5LAMP		784J98	
18 in		56HW29		Field Controls		18LAMP		784JK0	



**VOC- and Odor-Reducing PCO**—Use photocatalytic oxidation (PCO) filter media to neutralize volatile organic compounds (VOCs) and other gaseous pollutants in the air that moves through the air cleaners. Have UV-C bulbs that reduce airborne viruses, mold, and bacteria.

**Particle-Removal Ionization**—Feature an ion-generating device that neutralizes airborne pollutants and binds ions to dust, allergens, and other airborne particles that pass over the device. Cleaners don't use filters or bulbs, so they require less maintenance than air cleaners that use UV, PCO, or filter media cleaning technology.



56HW30

1RXZ7



54XY40