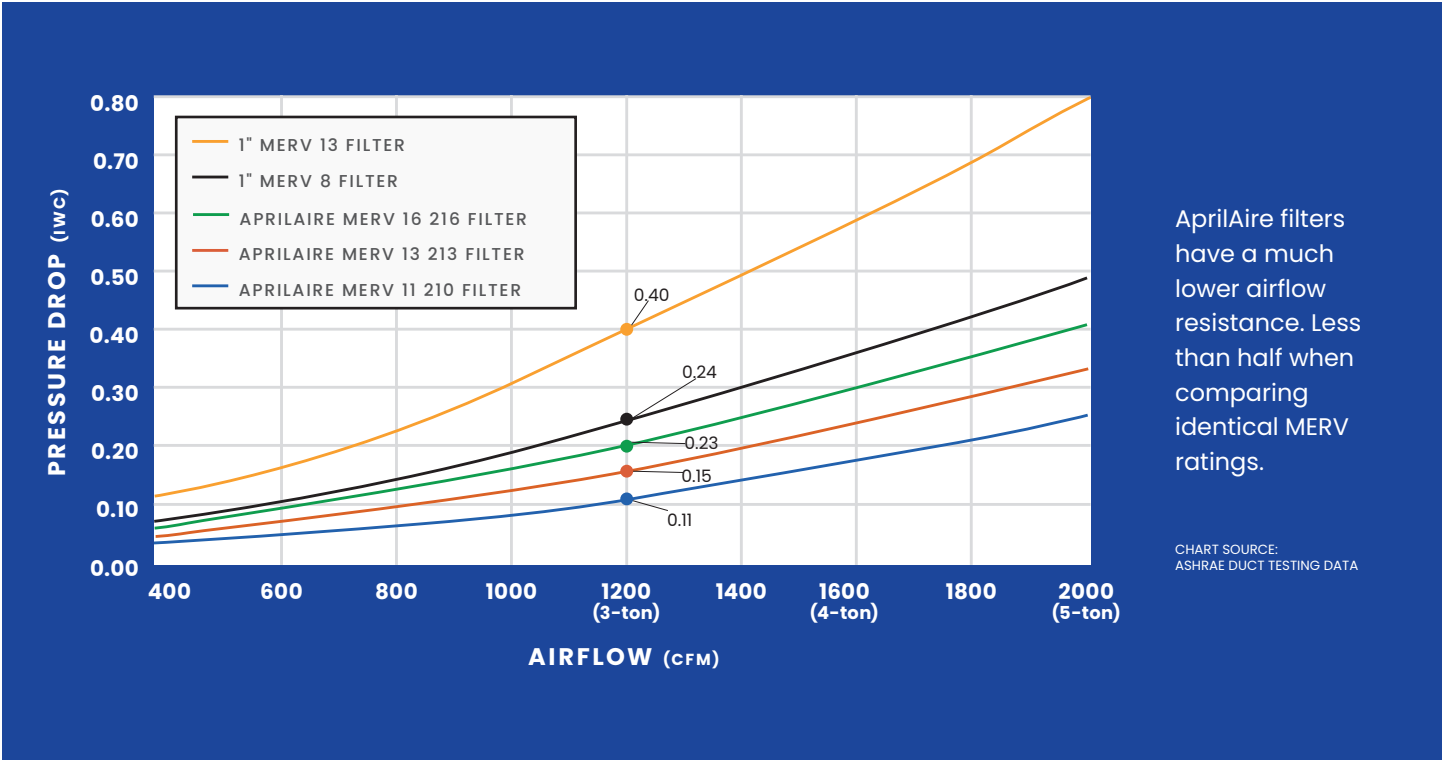


An Aprilaire Air Cleaner Should Be On Every System. Here Are Some Facts to Explain Why:

1. Static Pressure: Airflow vs. Resistance (20 x 25 Nominal Filter)



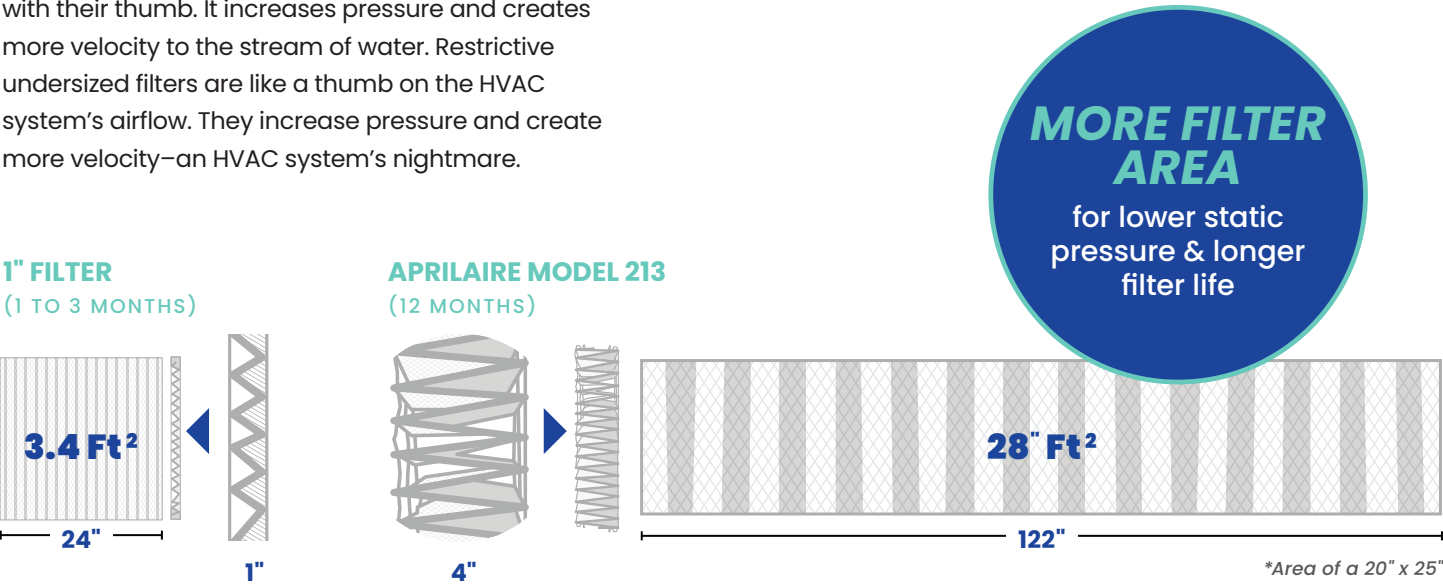
The right air filters make all the difference: the difference between equipment running efficiently or it being bogged down with problems. One-inch filters deliver high static pressure and have a low capacity for holding dust. That means they require frequent change outs. “Require” is the key word there. If customers don’t change those one-inch filters as often as needed, their equipment will perform inefficiently and its coils will become dirty or even frozen.

2. For Better Airflow, Keep Velocity and Resistance Low

Velocity is the speed air moves through a filter. The larger the media area, the lower the velocity. The lower the velocity, the lower the resistance. The result: better airflow.

Everyone has held back water flowing from a hose with their thumb. It increases pressure and creates more velocity to the stream of water. Restrictive undersized filters are like a thumb on the HVAC system’s airflow. They increase pressure and create more velocity—an HVAC system’s nightmare.

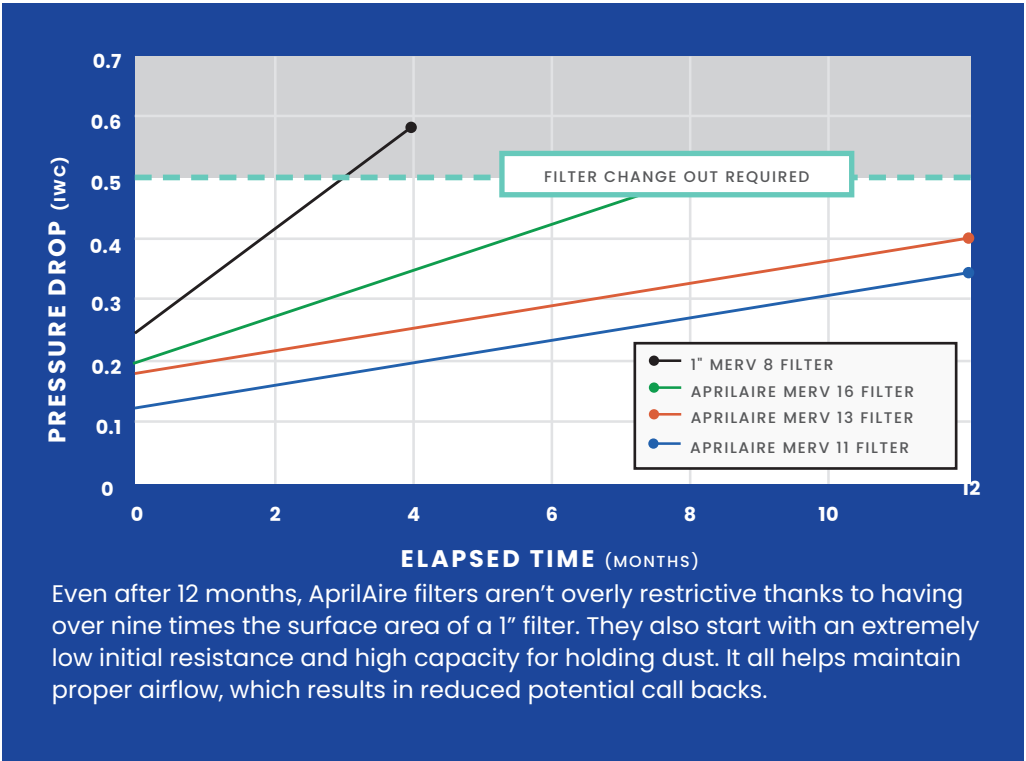
The pleats on an Aprilaire filter create more surface area. This lowers resistance and velocity which results in better airflow and increased system performance.



Good Things Flow Freely When You Include an AprilAire Air Cleaner on Every System:

1. Reduce Callbacks
2. Low System Static
3. Longer Filter Life
4. Traps More Particles
5. Low Bypass

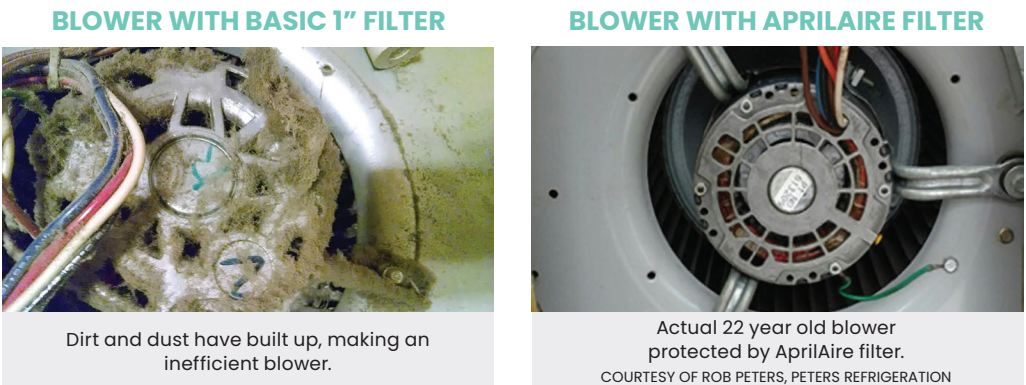
3. Pressure Drop vs. Time (20x25 Filter w/ 3-Ton System)



4. Particle Size Efficiency % Ashrae Min. Required

AprilAire filters don’t just meet the ASHRAE minimum standards, they blow them away.

FILTER TYPE	0.3–1 μm (micron)	1–3 μm (micron)	3–10 μm (micron)
MERV 8	-	-	70
MERV 11 (ASHRAE MIN.)	20	65	85
APRILAIRE MERV 11	37	67	92
APRILAIRE MERV 13	63	88	93
APRILAIRE MERV 16	95	98	99



Our Products Go With the Flow, Yet We Always Lead.

AprilAire is the leader in IAQ and whole-home filtration. We offer homeowners and installers peace-of-mind and assurance that all aspects of our filters come together to provide the best air cleaner on the market today. Aspects of our filters come together to provide the best air cleaner on the market today.



Pure Fit Promise
We make our genuine AprilAire replacement filters to fit perfectly into our air cleaner cabinet.



Self-Seal Technology
Our patented technology creates a seal to reduce the amount of air bypassing the filter.



Interlock Rails
Our filter slides securely onto our patented rail system to assure optimal performance—no plastic or metal reinforcements necessary.



Clean Coil Guarantee
If an AC coil protected by an AprilAire filter requires cleaning within 10 years of install, we will pay \$100 toward that service.

Filter Specifications



Filter Series	16x20	20x25	20x20	16x25	31x28	25x20
MERV 16 HEALTHY AIR 16 AIR FILTER	-	216	-	416	516	-
MERV 13+ HEALTHY AIR 13+ AIR FILTER	-	213CBN	-	413CBN	513CBN	-
MERV 13 HEALTHY AIR 13 AIR FILTER	113	213	313	413	513	913
MERV 11 HEALTHY AIR 11 AIR FILTER	110	210	310	410	510	910

REMOVAL EFFICIENCY (Based on Particle Size)

	0.3–1.0 Microns	1.0–3.0 Microns	3.0–10.0 Microns
MERV 16	95%	98%	99%
MERV 13	63%	88%	93%
MERV 11	37%	67%	92%
MERV 10	22%	56%	92%
EAC (Model 5000)	89%	95%	98%


Test Method – MERV 10–16 –ASHRAE 52.2.2012, EAP – AHRI 680-2009

REPLACEMENT FILTERS

	Filter No.	Nominal Size (in inches)	Used with AprilAire Air Cleaner Models	9=Static Pressure Drop (in. w.c.) @ 1200 CFM	Maximum Airflow Capacity (in CFM)
MERV 10	201	20 x 25	2200 Space-Gard*, 2200 AprilAire*	0.12	2000
	401	16 x 25	2400 Space-Gard*, 2400 AprilAire*	0.14	2000
EAC	501	16 x 25	5000	0.14	2000

*Air Cleaner models no longer available.

Upgrade Kit Specifications

UPGRADE KITS			Nominal Size (in inches)	Compatible With	Included Filter	Rails Model Number	Static Pressure Drop (in. w.c.) @ 1200 CFM	Maximum Airflow Capacity (in CFM)
MERV13		#1213	20 x 25	AprilAire or Space-Gard 2200	213	4893	0.15	2000
		#1413	16 x 25	AprilAire or Space-Gard 2400	413	4894	0.17	2000

UPGRADE RAILS		Nominal Size (in inches)	Compatible With	Uses Filter Model	Maximum Airflow Capacity (in CFM)
	#4893	20x25	2200 Space-Gard Units	210, 213, 213CBN	2000
	#4894	16x25	2400 Space-Gard Units	410, 413, 413CBN	2000
	#4897	16x25	16x25 Competitive Cabinets	610, 613	2000
		20x25	20x25 Competitive Cabinets	810, 813	2000
	#4898	16x20	16x20 Competitive Cabinets	110, 113	1200
		20x20	20x20 Competitive Cabinets	310, 313	1200

*1213 Upgrade Kit includes 4893 rails and Model 213 MERV 13 Healthy Home Filter

**1413 Upgrade Kit includes 4894 rails and Model 413 MERV 13 Healthy Home Filter

Offer total IAQ Control to your customers

Installing an AprilAire Wi-Fi thermostat gives homeowners complete control over their indoor air quality. The thermostat’s Event-Based™ Air Purifying feature turns on the HVAC fan for a period of time so the Air Cleaner can remove airborne dust and particles after vacuuming, for example. That period can also be extended for situations in which more air purification is needed. And for greater control, homeowners can control the air purity, relative humidity† and temperature of their home all from the comfort of their mobile device.



Model 8620W, Model 8910W
Model 8920W

- Universal 2H/2C or 4H/2C HP (8620W)
- Universal 3H/3C or 4H/2C HP (8910W, 8920W)
- Event-Based™ Air Purification
- Humidity and ventilation
- Two Part - Three-Wire design
- Full-color Wi-Fi touchscreen (8920W)
- Wi-Fi
- Touchscreen display (8620W, 8910W)

†Requires the installation of an AprilAire humidifier and/or dehumidifier.

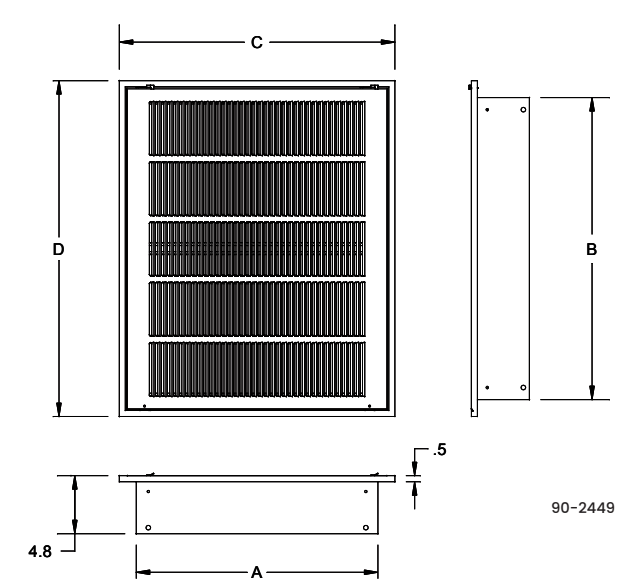
Filter Specifications

1625FG/2025FG Filter Grille Air Cleaner

PRESSURE DROP CHART

		Static Pressures at Variable CFM (in. w.c.)*														
		200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
MERV 16 ALLERGY & ASTHMA	216		0.06	0.09	0.13	0.17	0.23	0.29	0.36							
	416		0.07	0.10	0.13	0.18	0.24	0.31								
	516		0.04	0.05	0.07	0.09	0.10	0.13	0.15	0.18	0.21	0.24	0.27	0.31		
MERV 13 HEALTHY HOME	113	0.03	0.07	0.11	0.16	0.22	0.29									
	213	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.23	0.27	0.31					
	313	0.03	0.05	0.09	0.13	0.17	0.23									
	413	0.02	0.05	0.07	0.10	0.14	0.17	0.22	0.26	0.31	0.37					
	513	0.01	0.02	0.04	0.05	0.05	0.07	0.08	0.10	0.11	0.13	0.15	0.17	0.18	0.20	0.23
	613	0.02	0.05	0.07	0.10	0.14	0.17	0.22	0.26	0.31	0.37					
	813	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.23	0.27	0.31					
	913		0.04	0.07	0.10	0.13	0.17	0.22	0.25	0.30	0.35					
MERV 13 ODOR REDUCTION	213CBN		0.04	0.07	0.10	0.13	0.17	0.21	0.25	0.30	0.35					
	413CBN		0.04	0.07	0.10	0.14	0.19	0.24	0.29	0.36	0.43					
	513CBN		0.03	0.04	0.05	0.07	0.08	0.10	0.12	0.15	0.17	0.20	0.22	0.25	0.29	0.32
MERV 11 CLEAN AIR	110	0.02	0.05	0.06	0.10	0.14	0.20									
	210	0.02	0.03	0.04	0.06	0.08	0.11	0.13	0.16	0.19	0.22					
	310	0.02	0.04	0.06	0.10	0.14	0.19									
	410	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.19	0.22	0.27					
	510	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.19
	610	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.19	0.22	0.27					
	810	0.02	0.03	0.04	0.06	0.08	0.11	0.13	0.16	0.19	0.22					
	910	-	0.03	0.05	0.07	0.09	0.12	0.15	0.18	0.22	0.27					
MERV 10	201	0.02	0.04	0.05	0.08	0.10	0.12	0.15	0.18	0.21	0.25					
	401	0.02	0.04	0.05	0.08	0.10	0.14	0.17	0.21	0.25	0.29					
EAC	501	0.02	0.04	0.05	0.08	0.10	0.14	0.17	0.21	0.25	0.29					

*Highest value shown is maximum recommended airflow capacity.



Dimensions	Description	MODEL	
		1625FG	2025FG
A	Inner Frame Width	16 ¹ / ₁₆ "	20 ¹ / ₁₆ "
B	Inner Frame Length	25 ¹ / ₁₆ "	25 ¹ / ₁₆ "
C	Outer Frame Width	18 ¹⁵ / ₁₆ "	22 ¹⁵ / ₁₆ "
D	Outer Frame Length	27 ¹⁵ / ₁₆ "	27 ¹⁵ / ₁₆ "

Model No.	Nominal Size (In Inches)	Filter Model	Filter Eff. (MERV)	Filtering Area (sq. ft.)	Shipping Weight
1625FG11	16 x 25	610	11	20.8	16 lbs.
1625FG13		613	13		
2025FG11	20 x 25	810	11	26.5	18 lbs.
2025FG13		813	13		

Filter Model	GRILLE + FILTER PRESSURE DROP (IN W.C.)*								
	400 CFM	600 CFM	800 CFM	1000 CFM	1200 CFM	1400 CFM	1600 CFM	1800 CFM	2000 CFM
610	.03"	.06"	.09"	.12"	.16"	.21"	.26"		
613	.05"	.08"	.12"	.17"	.21"	.28"	.33"		
810	.03"	.05"	.07"	.10"	.13"	.16"	.20"	.25"	.29"
813	.04"	.07"	.10"	.14"	.17"	.22"	.27"	.33"	.38"

*Recommended grille face velocity is 300-450 fpm. Cells in white represent grille face velocities above 450 fpm, where there is potential for unwanted noises. To minimize risk of noise, use two filter grilles on systems over 3.5 tons.



The AprilAire Filter Grille Air Cleaner provides high-efficiency filtration for any return grille application where a 1" or 2" filter is typically used. Our patented filter design delivers low system static and no bypass, reducing profit-robbing call backs.

Available in 16x25 and 20x25 models, the Filter Grille Air Cleaner comes complete with the frame, removable grille, filter locks and a Healthy Air 11 or Healthy Air 13 filter, dependent upon the model.

FEATURES

- Self-Seal design
- Interlocking rail system
- Extremely low initial resistance
- Larger filter surface area vs. 1"
- 10 year clean coil guarantee
- Filter upgrade available

BENEFITS

- Eliminates bypass
- Perfect fit
- Low system static, better protection
- Fewer filter changes
- Peace-of-mind protection
- Efficiency choices:
 - MERV 11
 - MERV 13
- Meets 2019 CEC Title 24 Part 6 when MERV 13 filter is installed