

Aprilaire[®]

Air Cleaners



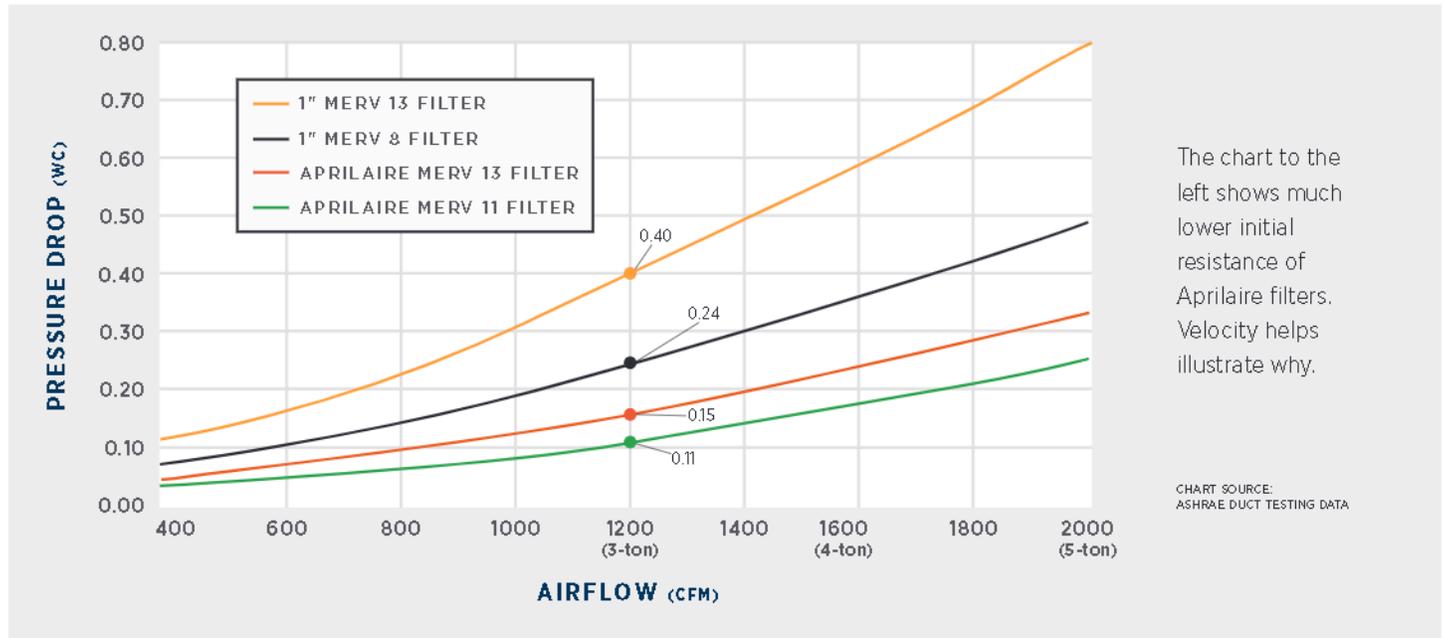
AirSuperHero.com

561-907-4376

One inch filters cause a variety of equipment problems. Because of their high static pressure and low dust holding capacity, they require frequent change outs. Often, this does not happen with adequate frequency, resulting in frozen or dirty coils and inefficient equipment performance.

Why include an Aprilaire air cleaner on every system? The FACTS:

1. STATIC PRESSURE: AIRFLOW VS. RESISTANCE (20 X 25 NOMINAL FILTER)



The chart to the left shows much lower initial resistance of Aprilaire filters. Velocity helps illustrate why.

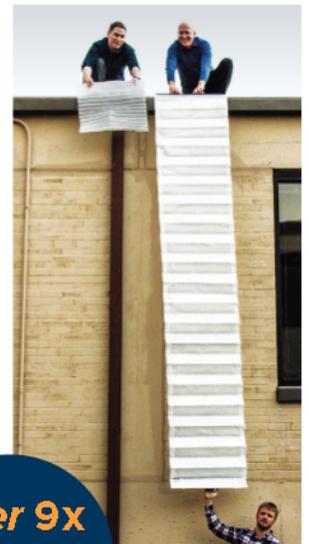
2. LOW VELOCITY REDUCES RESISTANCE

- + Velocity is the speed at which air moves through a filter
- + The larger the media area the lower the velocity
- + The lower the velocity, the lower the resistance, the better the air flow

Just like holding back water flow from a hose to increase pressure and create more velocity to the stream of water, restrictive undersized filters add pressure to HVAC systems.



Velocity (and pressure) increase as area of flow decreases

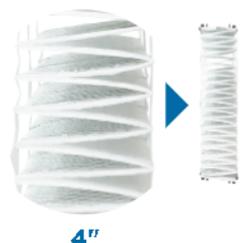


The pleats on an Aprilaire filter create more surface area to lower resistance and velocity for much better air flow and increased system performance.

1" FILTER
(1 TO 3 MONTHS)



APRILAIRE MODEL 213
(12 MONTHS)



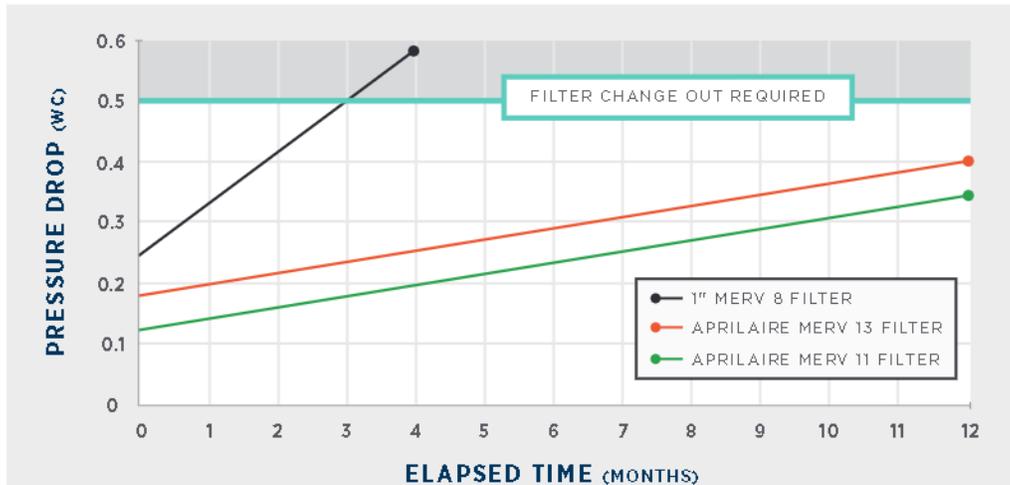
Over 9x
MORE FILTER AREA
for lower static pressure & longer filter life

*Area of a 20" x 25"

Include An Aprilaire Air Cleaner on Every System

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

3. PRESSURE DROP OVER TIME (3-TON SYSTEM)



Aprilaire filters, with over nine times the surface area, have extremely low initial resistance and high dust holding capacity, allowing them to work for 12 months without being overly restrictive. This helps maintain proper airflow, reducing potential call backs.

4. PARTICLE SIZE EFFICIENCY % ASHRAE MIN. REQUIRED

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

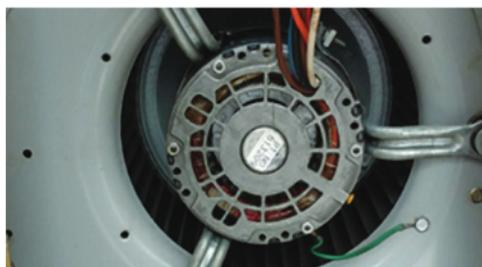
This chart shows Aprilaire filters perform well above ASHRAE minimum standards.

BASIC 1" FILTER



A dirty, inefficient blower caused by air bypass from a 1" filter.

APRILAIRE FILTER



Actual 22 year old blower protected by Aprilaire filter.
COURTESY OF ROB PETERS, PETERS REFRIGERATION

As the leader in IAQ and whole-home filtration, Aprilaire offers 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.



PURE FIT PROMISE

Genuine Aprilaire replacement filters are made to fit perfectly into our air cleaner cabinets.



SELF-SEAL FILTER

Patented technology reduces the amount of air bypassing the filter by creating a seal. Eliminating the need for cardboard filter frames means no dirty air passes around the filter.



INTERLOCK RAILS

The filter slides securely onto our patented rail system, assuring 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.



WE KEEP YOUR SYSTEM CLEAN
or we'll pay to clean it!



ACTUAL 10 YEAR OLD COIL

Dirty Coil

10 year old air conditioning coil
without whole-home air cleaner



ACTUAL 10 YEAR OLD COIL

Clean Coil

10 year old air conditioning coil
with whole-home air cleaner

FOR OUR VALUED CUSTOMERS

Our Commitment To You:

Aprilaire Air Cleaners are so effective at removing particles and contaminants that are harmful to your family and your HVAC equipment, we offer you this guarantee. Should your new indoor air conditioning coil require professional cleaning in the next 10 years while properly using an Aprilaire Air Cleaner, we will pay \$100 toward the cost of having the indoor coil cleaned by a licensed contractor.

This commitment applies to new HVAC equipment with a new indoor air conditioner coil (less than six months old) installed with an Aprilaire Air Cleaner. The Aprilaire Air Cleaner must be installed by a licensed HVAC contractor. The Aprilaire Air Cleaner must be properly maintained as per directions in the owner's manual including use of only Aprilaire brand media replacement.

The Aprilaire logo, featuring the brand name in a blue, stylized font with a registered trademark symbol.

YOU DON'T WANT TO BREATHE THIS, do you?

New Aprilaire Air
Cleaner Media

Aprilaire Media after 1 year of use

Aprilaire media

permanently traps

airborne particulates including:

- Dust
- Allergens
- Mold Spores
- Pet Dander

EVEN THE CLEANEST HOMES NEED THE WHOLE-HOME, HIGH-EFFICIENCY PROTECTION OF

Aprilaire[®]