



# AIR FILTRATION 101

[www.greaseguard.com](http://www.greaseguard.com)

PROTECTING YOUR INVESTMENTS FROM ROOFTOP TO COOKTOP WITH  
HVAC AIR FILTER REPLACEMENT THROUGH ROOFTOP SOLUTIONS

# WHY FILTER OUR AIR?



Air Quality



Energy Costs



Equipment Damages

Every building contains some type of filter to clean indoor air. WHY?! We filter air important reasons, HVAC system damage, and indoor air quality. Clogged or dirty filters also increase energy/operating costs by making the system work harder. Harder working HVAC systems also dump more carbon monoxide into the air. For businesses, poor indoor air quality could lead to increased sick times, sick guests, and other liability issues. Changing air filters ensures cleaner, fresher, healthier air that protects our equipment and our environment!

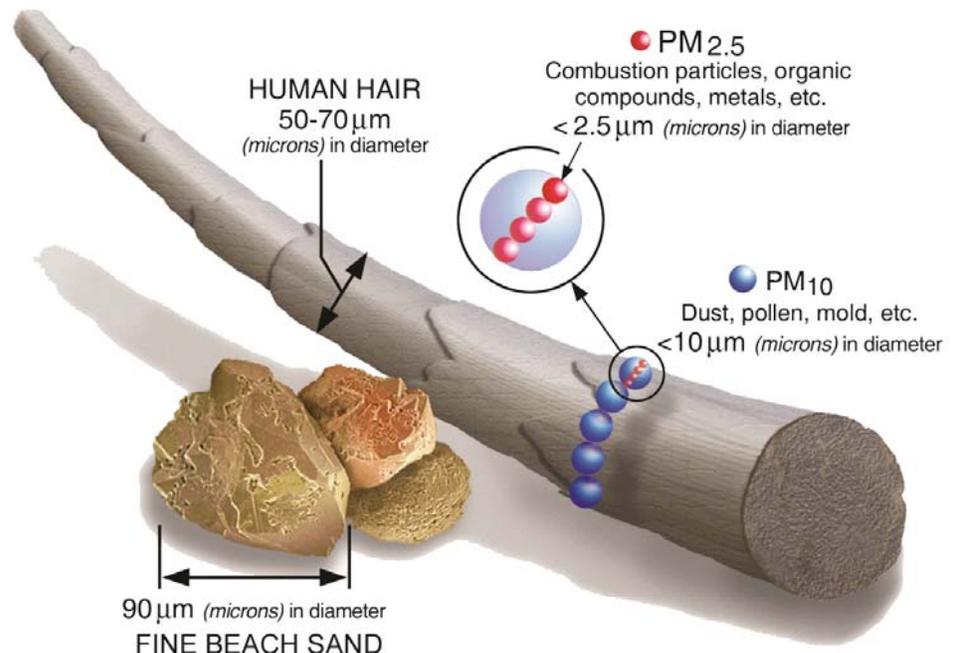
## INDOOR AIR QUALITY

**Indoor Air Quality (IAQ)** refers to the air quality within and around buildings and structures, especially as it relates to the health and comfort of building occupants. Understanding and controlling common pollutants indoors can help reduce your risk of indoor health concerns. Health effects from indoor air pollutants may be experienced soon after exposure or, possibly, years later.

The **Environmental Protection Agency (EPA)** calculates air quality for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health.

The size of contaminants and particles are usually described in microns, a metric unit of measure where one micron is one-millionth of a meter. There are 25,400 microns in one inch. The human eye can see particles to about 10-40 microns.

**Part of having clean air is filtering these and other contaminants from the air around us!**



**QUESTIONS? NEED AIR FILTRATION? CALL US AT 1-800-913-7034**

# AIR FILTRATION

Depending on what particles need to be filtered, a different type of filter may be needed. In the filter industry, there are not only various filter types, but also different filtration methods to ensure the most efficient means of removing contaminants from the air. The ultimate goal is the cleanest air required to meet the needs of the space. Your filters MERV Rating is a good way to help judge the effectiveness of the filter.

MERV means Minimum Efficiency Reporting Value which was developed by the American Society of Heating, Refrigeration and Air Conditioner Engineers -ASHRAE. MERV values vary from 1 to 16. The higher the MERV value is the value the more efficient the filter will be in trapping airborne particles. Another consideration is air flow through the your HVAC system. Leaving a dirty air filter in place or using a filter that is too restrictive may result in low air flow and possibly cause the system to malfunction.

## OUR SOLUTION

Our national service team, Rooftop Solutions, utilizes a MERV 7-8 Link Panel Air Filter. This filter is portable, affordable, and properly removes the right particles from the air in your business. We are currently deploying these filters across the USA in thousands of customer locations.

Our programs are designed to meet the needs of your business with filter replacement frequencies starting at quarterly, and moving to monthly if needed.

Our uniformed, badged, and trained teams will arrive on site, check in with management, properly replace the filters using our custom scope of work, and inform you once complete. All work is recorded digitally and shown to you as well as sent with your invoice to your teams there. All of this done electronically same day!

Whether you have one location or hundreds, Rooftop Solutions is ready to help!

Getting started with Rooftop Solutions is quick and easy.

- 1. FIND OUT YOUR CURRENT FILTER SIZES & QUANTITIES** - If you have a provider currently, they may have your filter sizes. If not, you can always use your own in house teams to gather the information. If this is also not a possibility, don't worry! Our national coverage allows us to do the surveys for you! Give us a call so we can build a program that works for you. SEE THE BACK OF THIS BROCHURE FOR A FILTER SIZING FORM FOR YOUR USE!
- 2. CONTACT YOUR SALES TEAM MEMBER** - Once you are ready, give us a call at 1-800-913-7034 or email us at [sales@rooftopsolutions.com](mailto:sales@rooftopsolutions.com) to find out who your dedicated Account Executive is. That team member will remain your central contact for all communications. The first step however, is to build a custom program and rollout plan for your locations.
- 3. LET US GET THE WORK DONE!** - After the sizes and quantities are set, the program and rollout is finalized, and we are ready to move, our teams will replace all of your locations air filter filters within 90 days (some rollouts will be quicker). We will notify you and your teams of anything that may be necessary and bill the services accordingly. We work with almost all major third party companies as well!



Merv 7-8 Link Panel  
Air Filter

## GETTING STARTED

FOR MORE INFORMATION, VISIT [WWW.GREASEGUARD.COM](http://WWW.GREASEGUARD.COM)

# HVAC AIR FILTER SIZING FORM

	Location	Filter 1	Filter 2	Filter 3	Filter 4
Unit 1					
Unit 2					
Unit 3					
Unit 4					
Unit 5					
Unit 6					
Unit 7					
Unit 8					
Unit 9					
Unit 10					

## HOW TO SIZE AN AIR FILTER:

Step 1 - Measuring Length and Width (L x W). (If your filter is not a square, the smallest measurement goes first).

Step 2 - Measure the thickness of your filter from front to back.

Step 3 - Put Your Measurements Together (L x W x D).

Step 4 - Notate your size on the form above. Once complete with your rooftop, email this form to [sales@rooftopsolutions.com](mailto:sales@rooftopsolutions.com)

Please call us with any questions! Thank you!



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