

TOP 10 FREQUENTLY ASKED AIR FILTER QUESTIONS (FAQs) :

- 1. WHAT IS THE DIFFERENCE BETWEEN FINE FIBER, AND COARSE FIBER MEDIA?**

a. Fine filters are able to stop the fine dust particulates that coarse fibers can not stop from seeping through, affecting not only your coils but also the people breathing in your facility.
- 2. WHAT DOES PRESSURE DROP MEAN?**

a. All product sheets have the starting pressure drop of a clean filter. You will need to know this to understand your magnehelic gage when changing out your filters.
- 3. HOW CAN FILTERS SAVE ON ENERGY?**

a. The lower the pressure drop the more energy you can save with your final filters. For example, A Durafil ES MERV 14 has a starting pressure drop of a .31, compared to a Riga Flo MERV 14 with a starting pressure point of .68.
- 4. WHAT IS A MERV RATING?**

a. It determines the efficiency of the filter, for example, MERV 8 = 40% efficiency, MERV 11 = 60%, MERV 13 = 80%, MERV 14 = 90-95%. Also micron removal.
- 5. WHAT DOES MICRON SIZE MEAN?**

a. Normally you are unable to see a micron until it's between 30-40 microns. Most of the fine dust particulates that cause problems are between 2-4 microns. To be effective against 2-4 microns, you would need a fine fiber filter.
- 6. HOW CAN I BE A LEED BUILDING?**

a. Most new buildings are set up to be LEED accredited. For your air filtration, you need a MERV13 filter rating to be LEED accredited.
- 7. HOW SHOULD I INSTALL MY PLEATED FILTER?**

a. Filters should be installed vertically. This will prevent pleats from sagging, makes them last longer, and keep the frame stronger.
- 8. WHAT IS A BEVERAGE BOARD FRAME?**

a. A beverage board frame is a water resistant frame to help prevent collapsing in your system. An example of a filter with a beverage board frame is a 30/30 5 Star green air filter.
- 9. WHY ARE MY PREFILTERS DIRTY ON BOTH SIDES?**

a. This is caused by using a coarse fiber filter where the fibers have bigger spaces between them letting fine dust seep through both sides.
- 10. WHY WOULD I USE CARBON FILTERS?**

a. Carbon Filters are used for odor control. Regular filters are particulate filters, carbon filters are gas phase filters.



ASK US YOUR FILTER QUESTIONS

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Madelyn & Michelle

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