

# 90DayFilter Features & Benefits

## Features:

### MERV 7 ASHRAE rated standard

90DayFilter meets the rigorous testing standards set by ASHRAE by matching the Standard 52.2. In most cases, unless otherwise specifically recommended by the AHU manufacturer, a MERV 7-8 filter is the best filter to avoid blower motor burnout and still provide an acceptable level of efficiency in collecting average size particles to reduce dust.

### NORMI® approved anti-microbial

The back side of this filter (marked "DOWNSTREAM") is manufactured with Triclosan, an anti-microbial that will not contaminate the indoor air quality. NORMI™, the National Organization of Remediators and Mold Inspectors, approves the use of Triclosan because it has been proven to be safe and effective in reducing microbial growth and the bio-nesting that sometimes occurs on regular filters which are not removed after thirty days. This feature allows the 90DayFilter to stay in place, under normal conditions, for up to **ninety (90) days** without becoming a breeding ground for mold and bacteria.

### Internal frame eliminates paper cardboard

Most one-inch filters, including the most expensive pleated filters, use a cardboard frame to support the filter media. This cardboard is organic and can become a food source for mold and bacteria. Once mold and bacteria grow on

this frame, the toxins produced by them enter the air stream and significantly reduce the quality of the indoor air in the environment. By utilizing an internal frame and no cardboard, there is nowhere for mold or bacteria to grow.

### Edge-to-edge design for a perfect fit

Because the frame is internal and the filter media surrounds the outer edge, the 90DayFilter fits the opening perfectly! And the added advantage is in those situations where the return grill might be oversized, requiring two filters to be placed side-by-side in the opening. Two 90DayFilters will overlay each other to seal even the seam between them without using duct tape or some other adhesive.

### Quieter than average filters

Because the 90DayFilter is a double layer of filter media and the media itself is thicker than a pleated filter, it serves to quiet the noise often associated with the air handler or blower motor. Customers have commented on how quiet their system seems after having installed a 90DayFilter.

### Easy to install / fits every time

Simply remove your existing filter and place the 90DayFilter in its place. It perfectly fits every time.

## BENEFITS:

### Less restriction to air flow

A MERV 7 filter does not restrict air flow which could significantly affect the efficiency of the air handler and potentially damage the blower motor. 90DayFilter has been approved to meet the ASHRAE Standard 52.2 as a MERV 7 filter is recommended for better residential IAQ.

**Eliminates bio-nesting of micro-organisms** One of the major problems with average filters is that they collect mold spores and bacteria at a place in the air conditioning systems where the moistest air in any environment passes through. This dangerous formula helps support microbiological growth. You have all the elements of moisture, micro-organisms and organic food source



harbored in one spot. When the filter media is not adequately protected with an antimicrobial, the possibility of that filter becoming a bio-nest for microbial growth is heightened. With the 90DayFilter, the possibility is reduced.

## Eliminates blow-by so all the air is filtered

Check around the outer edges of any filter and you will see dirt collecting on the frame of the return register. This results from the gaps that exist between the cardboard and the frame of the register. The best way to eliminate blow-by so that all the air getting to the filter passes THROUGH the filter is with the 90DayFilter seal around the edge of the filter. 90DayFilter enables all the air to be funneled through the filter and eliminates contamination build-up on the perimeter of the filter. The result is cleaner air and a cleaner air conditioning system. That means less need for cleaning of the internal parts of the AHU and ductwork, as well as cleaner air going into the environment. This is the best way to truly filter the particulates out of the air.

## Sturdy internal frame eliminates warping

Under the pressure of the air conditioning system, cardboard framed filters tend to warp, creating more blow-by. As the filter collects more and more dirt, more pressure causes the filter media to cave inward toward the center and pull the frame away from the register that supports it. This will not happen with the 90DayFilter because the filter frame fits snugly to the register and cannot warp.

## Standard sizes available

Check the size of the filter you are currently using, and chances are that the 90DayFilter is available in your size. No special cutting or expensive make-up filters--only a perfect fit every time.

## Economical and Efficient

Testing data proves the 90DayFilter's efficiency (see 90DayFilter Test Data) and, since the 90DayFilter is about the price of an average 1" thirty-day filter, that makes it economical. You can purchase the 90DayFilter in a Convenience Pack of four (4) filters, an entire annual supply, for less than the cost of purchasing filters every month. It is real savings that translates into an economical solution. And, because you can have this filter delivered to your doorstep each year, there is no shopping from place to place across your city trying to find the right filter. The 90DayFilter is convenient, efficient, and economical.

# FAQ

Frequently asked questions

## Most filters have to be changed every month - how does your filter last 90 days?

The back side (marked "DOWNSTREAM") of each 90DayFilter is manufactured with the NORMI® approved anti-microbial Triclosan, proven to be safe and effective in reducing microbial growth and the bio-nesting that sometimes occurs on regular filters. This feature allows the 90DayFilter to stay in place, under normal conditions, for up to **ninety (90) days** without becoming a breeding ground for mold and bacteria.

## What do we do with filters after used?

The 90DayFilter is NOT hazardous waste and can be disposed of through your normal household garbage.

## Are these *really* different from filters I buy at the store?

Yes, the 90DayFilter is significantly different because it will quiet the machine, keep the internal parts of your heating/air conditioning system clean, provide high quality air into your environment, reduce the possibility of growing mold and bacteria, and reduce waste going to the landfill.

## About us

90DayFilter is a division of Best Living Systems, a wholesale and retail company selling the best air purification and green cleaning technologies to IAQ professionals.



2014 AHR Expo

The 90DayFilter was awarded an Innovation Awards Honorable Mention at the 2014 AHR Expo



Best Living Systems

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NORMI® Approved

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