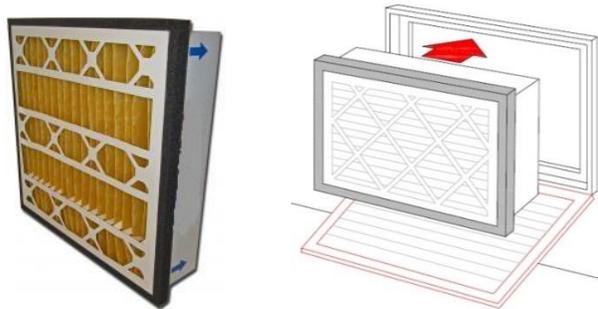




Introducing "The Air Squeegee™"

Super MERV11

A super performance 5" deep air filter, designed to fit into a standard 1" return air filter grille. The self-sealing filter gasket prevents indoor air contaminants from by-passing filtration.



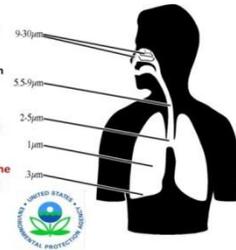
Respirable Size Particles Can Penetrate Deeply Into Human Lungs

9-30 microns are trapped by the hair in the nose

5.5- 9 microns are trapped by the hair in the throat

2.5 (-) when inhaled are likely to be deposited in the aveoli of the lungs and can ultimately enter the bloodstream.

Health effects range from irritation of the eyes and/or respiratory tissues to more serious effects, i.e., cancer and lung function.



The self-sealing gasket fits into the one inch filter grille frame with the remaining portion of the 5 inch super performance filter extending into the return air grille opening. Filters with no means of sealing themselves will allow air contaminants to be drawn around the filter, thus by-passing the filter. When this occurs contaminants will enter into and accumulate on the surfaces of the air distribution & comfort system. The accumulation of these contaminants on the interior surface of various system components can lead to breeding grounds for mold, & other biologicals on the interior and exterior of system components. These biologicals can break free from the surfaces, become air borne in the air distribution system, thus exposing the occupied living spaces to these IAQ hazards.

The Air Squeegee™ is a special designed filter. In a sense, it is designed to squeegee these types of contaminants right out of the air, minimizing exposure of mold & other biological contamination to the living spaces.

Filtration & Energy Usage

Improper system filtration will eventually lead to deficiencies in comfort system performances. Accumulation of contaminants on the surface of coils & heat exchangers act as an insulator thus cutting the efficiency of heat transfer. This causes the heating and cooling operations of a comfort system to work harder and use more energy. The Air Squeegee™ is much more efficient at collecting air contaminants than your standard comfort system air filters. The Air Squeegee™ is capable of collecting and holding up to 30 times more contaminated particulate than a standard air filter without compromising air flow rates. With more than 433% more filter media area the Air Squeegee™ reduces resistance to air flow by as much as 41%. With these advantages come greater air flow rates, greater comfort, greater system efficiency, fewer repair calls, and a longer comfort system life. Standard one inch filters generally require replacement approximately every 30 days in order to maintain proper system air flow rates. The Air Squeegee™ with its superior filter media area can provide proper system air flow rates up to a year in most cases.

1" Filter

5" Filter

