



Better Air is Our Business®

AmericanAirFilter® AmerKleen M80

Instructions for AmerKleen Filter Retaining Frame and Disposable Glass Filter Pads

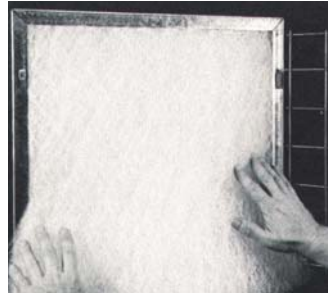
These retaining frames may be installed just as you would install a permanent metal impingement filter; however, the frame should be positioned with the hinged pins on the front grid pointing downward. This is to ensure that the grid will remain in the proper position when the front grid is opened. It is not necessary to remove the retaining frame from the installation when replacing media since the hinged grid allows fast and easy pad replacement. However, for convenience or other reasons, the retaining frame may be removed from the installation and the pads replaced at a remote location.

Installing Pads

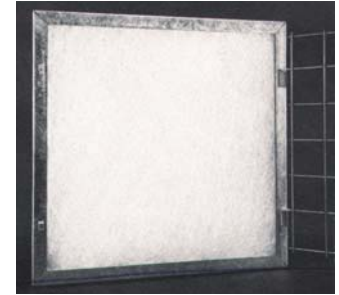
The normal procedure for servicing these industrial disposable glass fiber pads is to remove the pad from the retaining frame and replace with a new pad. When installing the new pad, check to ensure it is installed in the proper direction of airflow. With AmerKleen filters, the air-leaving side of the pad is dyed green for easy and positive identification of proper direction of airflow. Due to the progressive density construction from the air-entering to air-leaving side of these pads, the life of the filter will be substantially shortened if it is installed in the reverse position.

The air-entering side of the non-color coded pads can be determined by inspection of the filter. Fibers on the air-entering side will be more loosely woven than on the air-leaving side due to the progressive pack media.

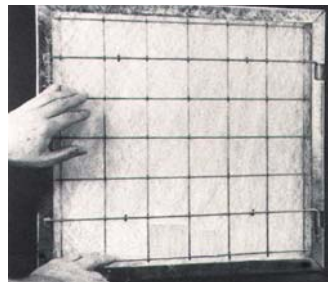
How to Install



1. Center media on retaining frame as shown above. Check that the media is installed in the proper direction of airflow.



2. Tuck the media behind the flanges to ensure the proper air seal.



3. Close the front grid and secure the latch. The filter is installed and ready for service.

The hinged grids have pins on all four corners to engage and hold the pad in place once it is properly installed. This prevents sagging of the pad or leakage of unfiltered air around its edge from vibration or heavy dust loading.

The "rotation" replacement method is suggested for larger installations. With this method, a number of cells are replaced at intervals rather than attempting to service the entire installation at one time. This ensures a more uniform air supply by maintaining an average resistance across the filter.



10300 Ormsby Park Place Suite 600
Louisville, Kentucky 40223-6169

www.aafintl.com
Customer Service 888.AAF.2003
Fax 888.223.6500



AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

ISO Certified Firm

©2009 AAF International
The USGBC Member logo is a trademark owned by the U.S. Green Building Council and is used by permission.