

APPENDIX A

Filter Installation Tips

The Airfiltronix HS3000 variable speed blower and filter housing is designed to hold multiple filters.

In most applications the order in which the filters are installed is important to ensure optimum life for each type of filter.

Prefilters should generally always be installed first, gasket side down. The HEPA filter should be installed next, gasket side down. The use of a four stage dacron prefilter is always recommended in applications where a HEPA filter is installed. The Dacron prefilter is much less expensive than a HEPA filter and prevents premature replacement of the filter due to accumulated room dust, reserving the HEPA filter for particles smaller than 6 microns.

Activated carbon filters should generally always be installed after a HEPA or Dacron prefilter to avoid clogging of the HEPA filter with carbon dust. This would not be true in clean room applications where it is desirable to prevent carbon dust from contaminating the room. In such applications the carbon filters should be installed first, then the dacron prefilter, followed by the HEPA filter. Always remember to fill out the filter history card for each type of filter and keep in the pouch on the front of the blower unit to ensure timely replacement of filters.

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