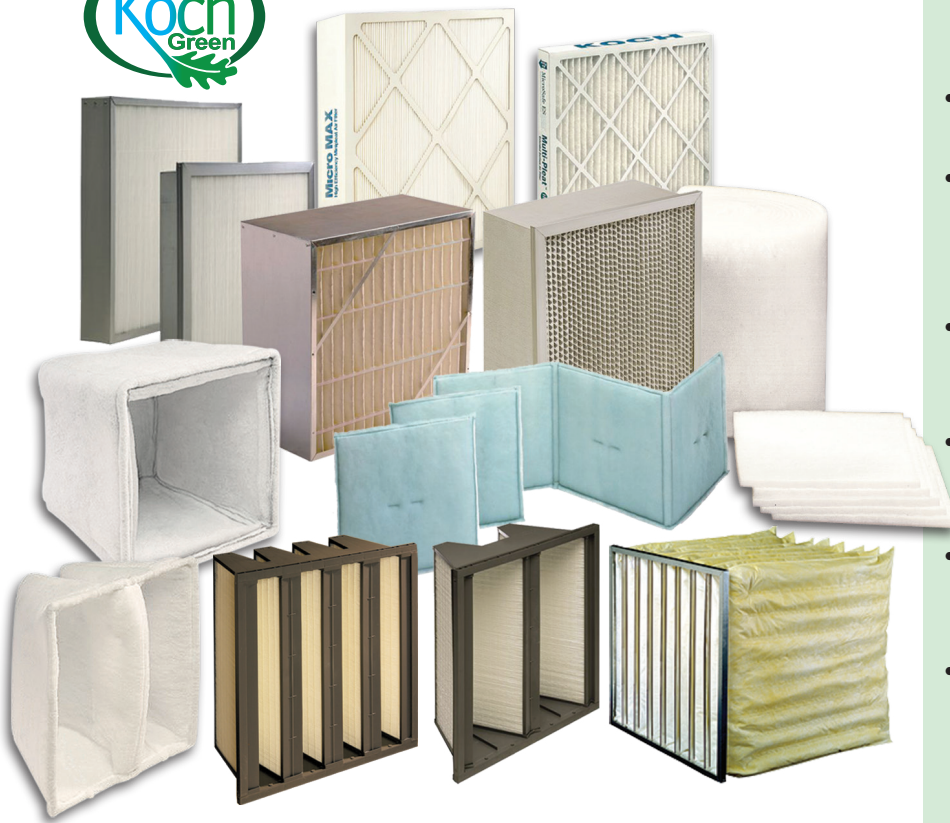




**Koch Filter Corporation**  
Filtration Products Crafted with Pride

# MicroSafe™

Antimicrobial-Treated Air Filters



## *Features of the antimicrobial treatment used in MicroSafe Air Filters*

- Provides long-term, effective control of microorganisms which are commonly associated with building health problems.
- Non-migrating. It will not leach, off-gas or volatilize.
- Controls the growth of microorganisms on the air filter surface and has been shown in laboratory testing to lower microbial contamination in recirculated air.
- Permanently bonds to the filter fibers to form a new durable antimicrobial surface.
- Does not exhibit significant loss of activity over the normal lifecycle of the filter.
- In extensive testing has never been shown to allow or cause microbial adaptation or resistance.
- Has a nearly twenty year history of safe effective use in solving microbial contamination problems in buildings.

**Koch Filter Corporation's MicroSafe Antimicrobial-Treated Air Filters are designed for effective control of molds, bacteria, mildew and other airborne microorganisms.** The antimicrobial treatment utilized in all MicroSafe products is a specialized antimicrobial agent designed to effectively control microbial growth such as fungus, mold, mildew and bacteria on contact.

A wide range of Koch products are available with the antimicrobial treatment including MicroSafe Extended Surface Pleated Panels, MicroSafe Synthetic Filter Media and high efficiency BioMAX HEPA filters. See reverse for a detailed listing of MicroSafe products.

This large product offering, in tandem with the capability to control such a wide spectrum of microorganisms, make MicroSafe Antimicrobial-Treated Air Filters an excellent frontline component in the overall effort to improve Indoor Environmental Quality.

### **Applications**

MicroSafe Antimicrobial-Treated Air Filters are designed for use in any HVAC system, and are ideal for control of microorganisms in hospitals, nursing homes, laboratories, and commercial buildings of all types.

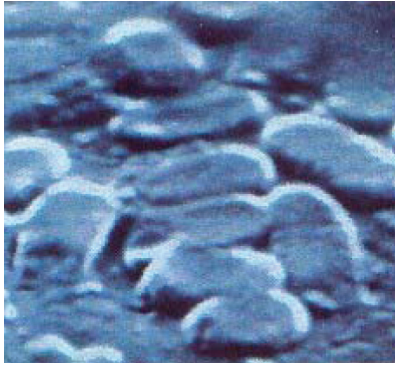
**Koch Filter Corporation...Durable. Reliable. Versatile.**

Bulletin No. K-994



**Koch Filter Corporation**  
Filtration Products Crafted with Pride

## MicroSafe™ Antimicrobial Performance Data



Living E. coli organisms on non-treated material

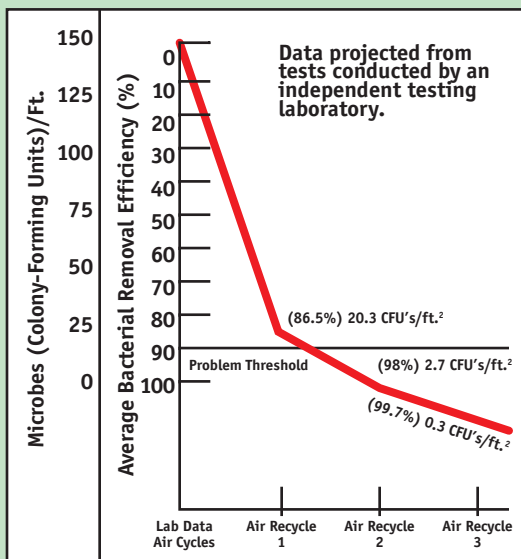


Non-living E. coli organisms on treated material

**MicroSafe™ Antimicrobial Treatment is available on the following products:**

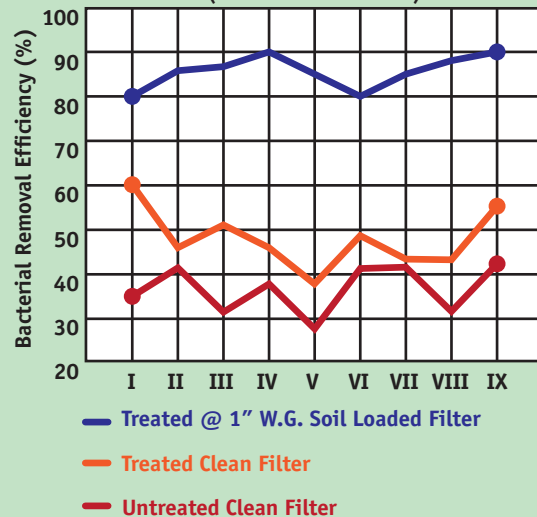
- BioMAX CS
- BioMAX HEPA
- BioMAX V-2000
- Duo-Cube
- Duo-Pak 40
- DuraMAX 2v
- DuraMAX 4v
- Maxi-Grid
- MicroMAX
- MicroSafe ES
- Multi-Cell
- Multi-Flo
- Multi-Sak
- Synthetic Air Filter Media

- MERV 4 through 16 performance rating.



1) Performance data based on ASHRAE 52.2-2007 test standards.  
2) UL Class 1 and 2 standard 900.

### ANTIMICROBIAL-TREATED - vs - UNTREATED MEDIA (MICROCOCCUS LUTEUS)



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Kansas City, MO • Louisville, KY\* • Madbury, NH • Nashville, TN • Rancho Cucamonga, CA\*

\*Denotes manufacturing site.

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Koch Filter Corporation maintains a policy of continuous product research and improvement, and retains the right to change product specification and design without notice.



Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.

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