

# MicroSafe<sup>™</sup>

## Antimicrobial Treated Air Filters



**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.

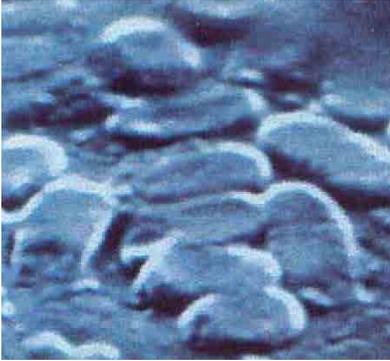
### Applications

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.

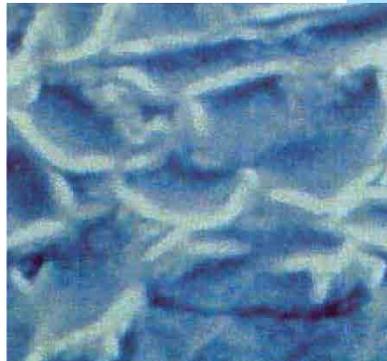
### Features of the antimicrobial treatment used in MicroSafe Air Filters

- 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.

## MicroSafe™ Antimicrobial Performance Data



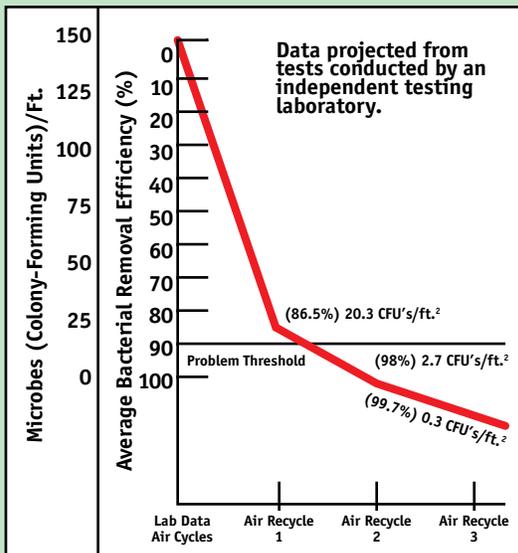
Living E. coli organisms on non-treated material



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
  - Multipleat XL8
  - 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)



### Regional Sales Offices/Distribution Centers

Atlanta, GA • Detroit, MI • East Greenville, PA\* • Houston, TX\*  
Indianapolis, IN • Kansas City, MO • Louisville, KY\* • Madbury, NH  
Miami, FL • Nashville, TN • Mira Loma, CA\* • Tacoma, WA

\*Denotes manufacturing site.



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