

# HAVE YOU HEARD?



## 80%

of germs, bacteria, and viruses are transmitted by touching surfaces.

[www.wetmd.com](http://www.wetmd.com)

# DID YOU KNOW?



## BREATHING CHALLENGES

can be caused or aggravated by polluted indoor air.

[www.wetmd.com](http://www.wetmd.com)

# HELP PROTECT YOUR FAMILY

with ActivePure Technology.

It has been proven to destroy up to 99.9% of all SURFACE BACTERIA, VIRUSES & GERMS it has been tested on.<sup>1</sup>

The Flu... Avian Bird Flu...  
WHAT STRAIN IS NEXT?

E Coli

MRSA Superbug

Staph

Strep

Black Mold

Avian Bird Flu H5N8

activTek  
ENVIRONMENTAL



A University of Cincinnati study also states that the activTek Air Scrubber can **REDUCE APPROXIMATELY 90% OF AIRBORNE MICRO ORGANISMS<sup>2</sup>**.

<sup>1</sup> Study conducted by Dr. James L. Marsden, Kansas State University. Published in the Journal of Rapid Methods & Automation in Microbiology 15 (2007). Test results on MRSA Superbug and Avian Bird Flu H5N8 were based on surface cleaning in a separate study. Dr. Jill Bleker, a researcher from the U.S. National Nuclear Security Administration's Sandia National Laboratories, assisted Dr. Marsden with the testing on Avian Influenza (H5N8).

<sup>2</sup> Study conducted by Dr. Sergey A. Grinshpon, University of Cincinnati. Published in the Journal of Environmental Science and Technology, January 2007.

<sup>3</sup> These products are not intended to diagnose, treat, cure, or prevent any disease. They are designed to improve the Indoor Air Quality by: (1) Reducing particles in the air such as dust & pollen, (2) Reducing VOC's (chemical pollution) and (3) Reducing micro-organisms (germs, viruses, and bacteria).

# WE CAN REDUCE YOUR EXPOSURE

to germs, bacteria  
& viruses.

The "Air Scrubber"  
cleans while you  
sleep.

It's the 21st Century  
way of cleaning!



Dirty heating and air conditioning system that needs cleaning.

The activTek INDUCT 2000 "Air Scrubber" is designed to help eliminate Indoor Air Quality risks<sup>3</sup> (also known as sick building syndrome) by reducing pet & cooking odors, air pollutants, VOCs (chemical odors), smoke, mold, bacteria, and viruses.

Does anyone in your family have breathing challenges?

YES  NO

Do you ever smell pet odors in your home?

YES  NO

Do you ever smell cooking odors or musty odors?

YES  NO

Do you have cigarette smokers or smoke odors in your home?

YES  NO

Would you like to reduce approximately 90% of airborne bacteria, viruses, and germs?<sup>2</sup>

YES  NO

Would you like to reduce up to 99.9% of bacteria, viruses, and germs such as Staph, MRSA Superbug, E. Coli, Strep, and Mold on surfaces?<sup>1</sup> (Example: Kitchen countertops, Sinks, and Bathrooms)

YES  NO

**CALL TODAY to find out more about  
The activTek INDUCT 2000 "Air Scrubber"!**

# Reduce up to 99.9% of Surface Microorganisms

## MICROORGANISMS SUCH AS:

- Escherichia coli
- Listeria monocytogenes
- Streptococcus spp
- Candida albicans
- Pseudomonas aeruginosa
- Bacillus spp.
- Staphylococcus aureus
- S. chartarum



According to a study<sup>1</sup> by Kansas State University, the surface populations of the above listed Micro-organisms were reduced by up to 99.9% in just 24 hours by the activTek INDUCT 2000 "Air Scrubber".

MICROBE	MAJOR IDENTIFIER	MOST AT RISK	SOURCES	OTHER SYMPTOMS	DEATH POSSIBLE	DRUG RESISTANT	COMMENT	% MICROBE SURFACE REDUCTION FROM ACTIVTEK INDUCT 2000
Staphylococcus aureus	Many types of Infection	All especially elderly	Monoconial infections indwelling catheters ventilators	Respiratory tract sepsis, toxic shock syndrome, pneumonia, skin lesions	Yes	Yes	Leading cause of hospital acquired infections	Log 1.85 = about 97.5%
Staphylococcus Aureus Methicillin Resistant (MRSA)	Skin infection	Immune compromised	Direct Contact Pk, Catheters etc	Bed sores, skin lesions, boils	Yes	Yes Methicillin	Usually found on skin and in nose	about 99.8%
Avian bird flu (H5N1)					Yes			about 99%
E. Coli 100's of strains (strain O157 causes severe illness)	Bloody diarrhea	Children < 5 and elderly	Contaminated milk, meat, water, contact with animal feces	High BP, jaundice, seizures, skin bleeding, kidney damage or failure	Yes, in 5% of cases			Log 1.81 = about 98.1%
Bacillus spp (Over 58 types - only 2 serious to humans)								Log 2.38 = about 99.3%
Bacillus anthracis	Anthrax surrogate	All	Ag environment and bio-chemical weapons	Hemorrhage and necrosis	Yes		Produces exotoxins	Included above
Bacillus cereus	Milk food poisoning	All	Animal contact and food	Vomiting and diarrhea				Included above
Streptococcus spp (Group A)	Septic sore throat	All	Improper food handling	Scarlet fever, tonsillitis, high fever, diarrhea, vomiting	Low rate	No		Log 1.64 = about 96.4%
Pseudomonas spp.	Sepsis	All	Direct contact urinary catheters, ventilators, IV contamination	Pneumonia 16% - urinary tract 12% - sepsis - respiratory infections	Yes	Yes	30% fatal in the immune-compromised	Log 2 = 99%
L. Monocytogenes	Soft cheese, under-cooked chicken, fish, ice machines	Pregnant women and newborns	Improper food handling	Fever, muscle aches, nausea, diarrhea, stiff neck, meningitis & encephalitis	Yes, fetus 80%		In US - 2500 cases/yr. with 500 deaths and increasing	Log 2.75 = about 99.75%
C. (candida) Albicans	Genital rashes, fatigue, oral thrush plus more	Women and men	A normal "flora" within the gut - it can "morph" into fungus and penetrate intestinal wall	Fungal growth - Leaky gut syndrome, intestinal (or other) infections		Difficult to cure	Most common in genital area, often result of too many antibiotics	Log 3.22 = over 99.9%
Stachybotrys Chartarum	Environmental mold - usually slimy or black	All	Moisture and cellulose (most Common)	Rashes, headaches, nausea, myalgias, fatigue, immune system weakness	Yes	Produces toxic gases (mycotoxins)		Log 3.32 = over 99.9%

<sup>1</sup> Information in above chart gathered from KSI Study and other reliable scientific sources