

The PHI™ Advantage

Photohydroionization™

While UV systems are designed to kill mold on the HVAC, the PHI-Cell does this and more as advanced oxidants throughout the room kill microbes at the source.

The Sneeze Test

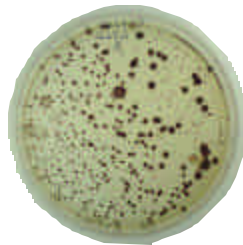
Double-blind lab "Sneeze Test" at three feet.
(Aspirated simulated sneeze in a 250 cu. ft. Bio-Test chamber)



Without a PHI Cell in the Chamber



Test A-1



Test B-1



Test C-1

With a PHI Cell in the Chamber



Test A-2



Test B-2



Test C-2

Average sneeze microbial reduction: 78%

Validation

The PHI™ technology has achieved the following results in tests by commercial, government and academic independent labs. A few of these tests are presented here:

- 4-log reduction (99.9%) surface bacteria reduction in 24 hours (Steris Corporation)
- Tested and approved by the Chinese Government for protection against the SARS virus: 99.9% removal in 10 days
- Over 80% VOC reduction in 10 days (Chinese Government)
- 97% airborne bacterial reduction in 24 hours (Microbac Laboratories)
- 85% medical clinic odor reduction in 24 hours (Vega Medical); 56% plastic odor reduction in 4 hours (NELAP Lab)
- 99.99% bacteria in water reduction (U.S. Military)
- 97% airborne mold reduction in 24 hours (California Microbiological and Microbac Laboratories)
- Hospital approvals - U.S. and international (note: not a medical device and no medical claims are made)
- 99% food surface microbial reduction in 4 hours (various commercial food processors)
- Approved by the USDA, FSIS and FDA for use in food processing plants
- Fox News three-part indoor air series concluded substantial mold and bacteria reductions
- PHI™ technology has been featured on Fox, ABC, CBS and in Popular Science Magazine