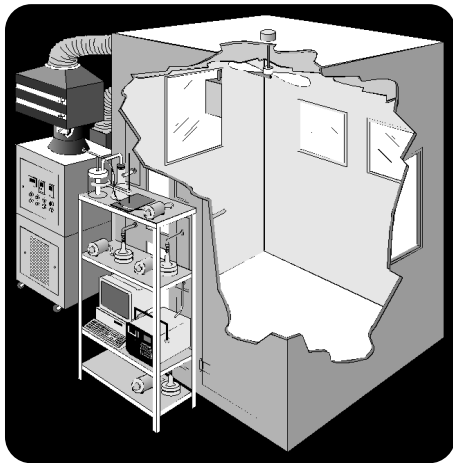


## RTI INTERNATIONAL

An independent non-profit research institute that is one of the world's leading research institutes. Each year, their staff of more than 4,150 people tackle complex scientific challenges. Their experts hold degrees in more than 250 scientific, technical, and professional disciplines. RTI works in more than 75 countries.

## WHAT WAS TESTED?

The efficacy of microbial inactivation by a Surgically Clean Air Purifier (SCA301F). The testing program included three surrogate organisms: one virus, one fungus and one bacteria.



## TESTING METHODOLOGY

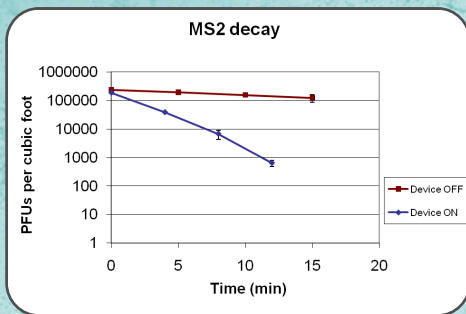
Chamber Air Cleaner Tests were performed for each organism (virus, fungus, bacteria) measuring the natural decay rate and the decay rate with the SCA301F (medium speed, 12W UV-C). The method is a modification of the Association of Home Appliance Manufacturers Standard AC-1, "Measuring Performance of Portable Household Electric Cord-Connected Room Air Cleaner".

## TESTING RESULTS (n=3, p>0.05)

The impact of the Surgically Clean Air (SCA301F) is readily visible on the graphs as the decay rate with the unit on significantly decreased in under 15 mins.

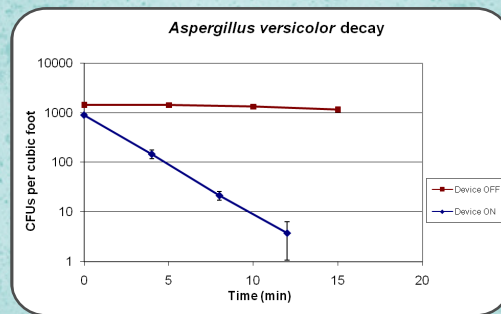
### VIRUS

99% Removed <15 mins



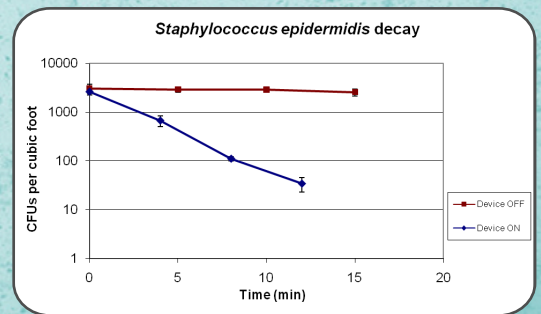
### FUNGUS

99% Removed <15 mins



### BACTERIA

99% Removed <15 mins



## CONCLUSION



FOR THE ORGANISMS TESTED (VIRUS, FUNGUS, BACTERIA), THE SURGICALLY CLEAN AIR (SCA301F) ACHIEVED VERY NEAR THE MAXIMUM REMOVAL OF THE AIRBORNE PARTICULATE.