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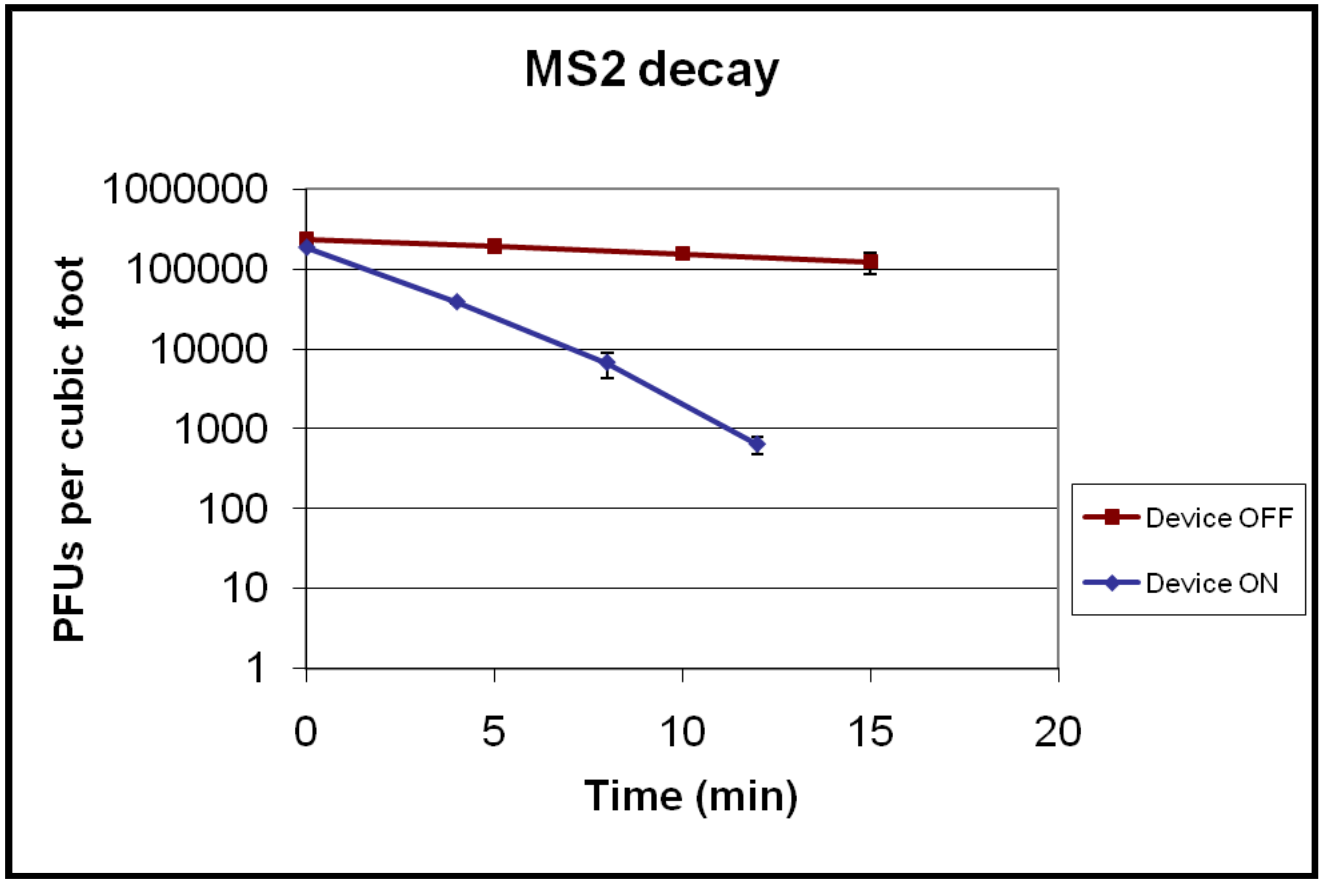
RTI is pleased to submit this letter report to Surgically Clean Air, Inc on our project to test the efficacy of microbial inactivation by the Model Surgically Clean Air 301F (SCA301F) room air cleaner. This air cleaner unit was supplied by Surgically Clean Air, Inc and tested as supplied with the integrated fans operated at the medium speed setting. The testing program included three organisms: one fungus, one virus, and one vegetative bacterium. *Aspergillus versicolor,* the representative fungus, is frequently reported as a causative agent of hypersensitivity pneumonitis and has been isolated from a number of problem buildings. The MS2 *E. Coli* bacteriophage is commonly used by the scientific and testing communities as a representative virus and roughly approximates the aerosol-related physical characteristics of human viruses. The MS2 bioaerosol was generated in artificial sputum. *Staphylococcus epidermidis is a* common gram-positive human-shedding organism and was the representative vegetative bacterium.

For the organisms tested, the Model SCA301F air cleaner achieve very near the maximum performance that could be expected from a device operating at the designated airflow.

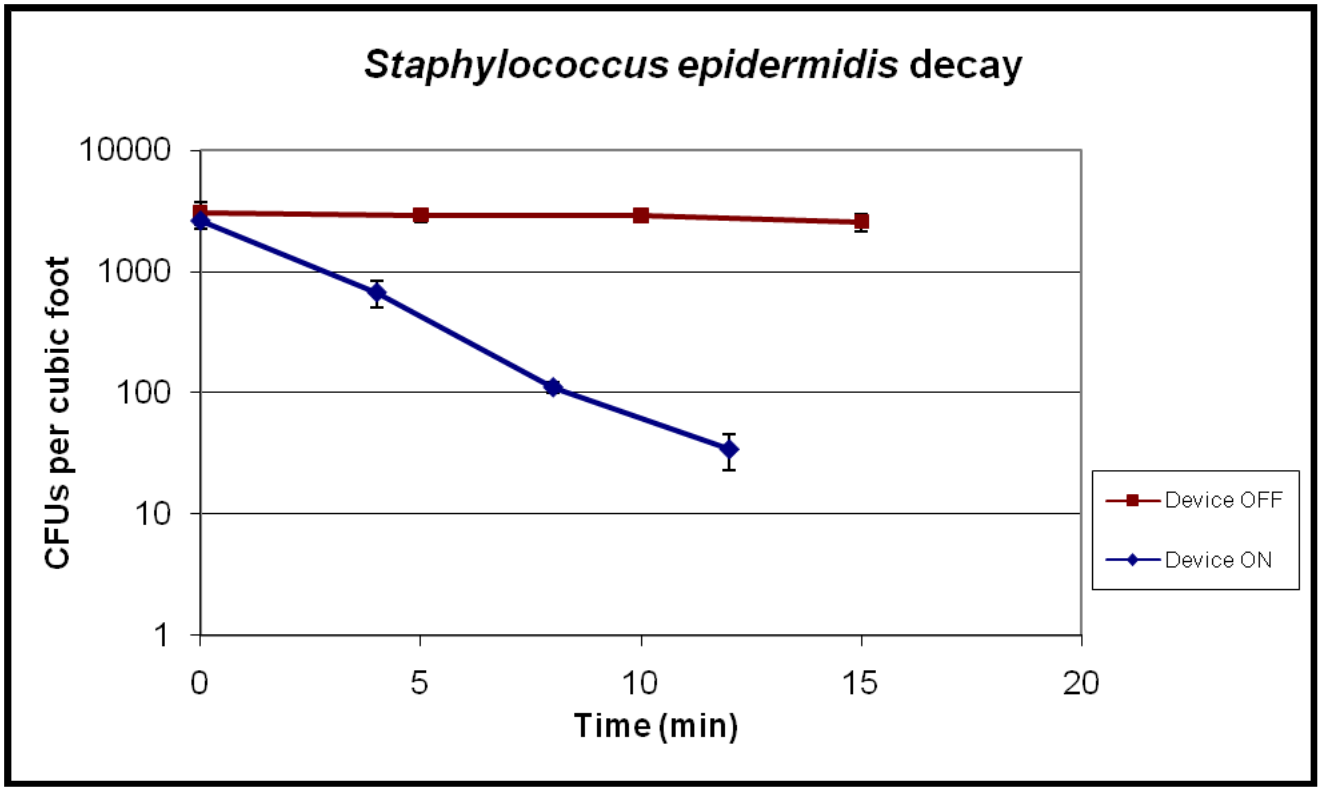
Michael L. Herman
Microbiologist
RTI International



Decay Curves for MS2 Virus

- SCA301F on Medium Setting -

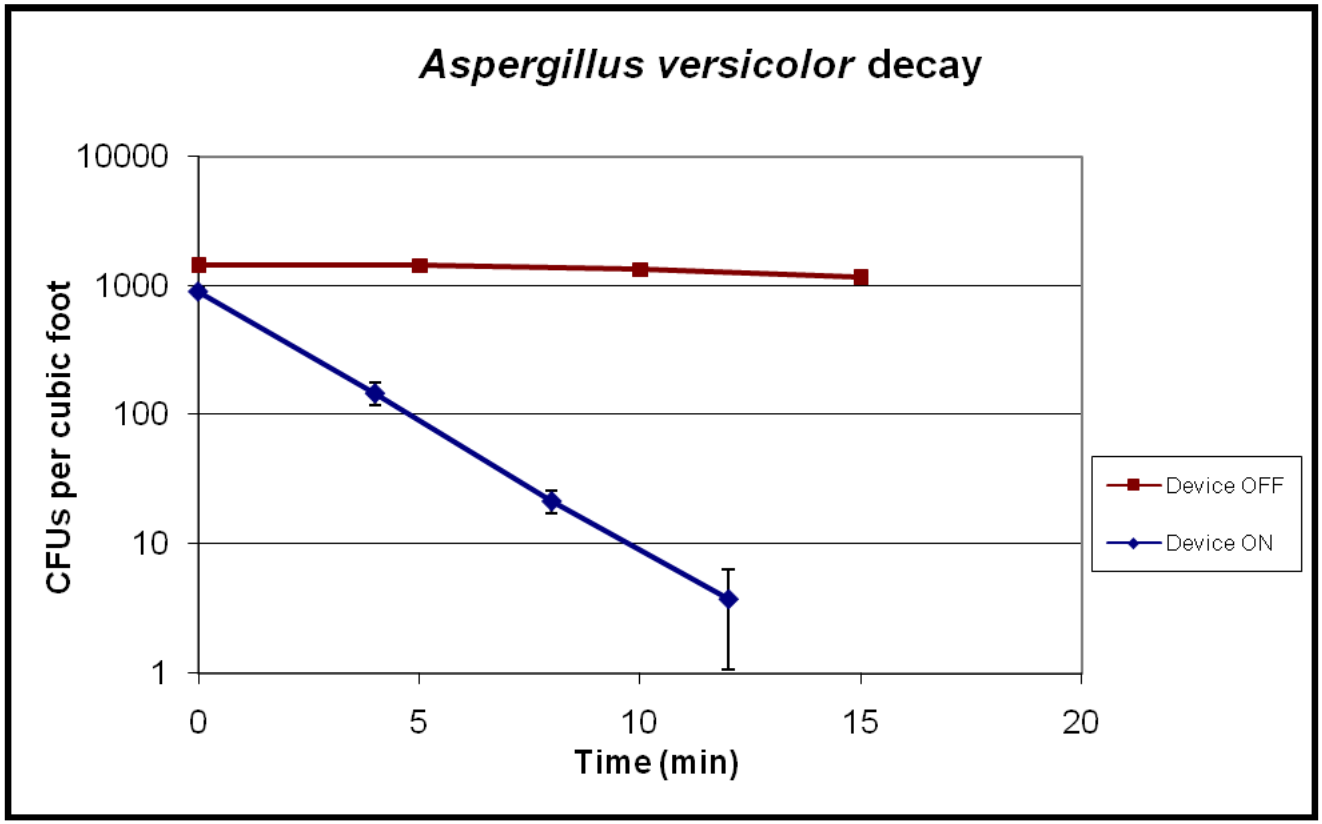
"In each case, the impact of the Model SCA301F air cleaner is readily visible in the graph. The decay rates with the device on are significantly and reproducibly higher than the decay rates with the device off over the time periods observed."



Decay Curves for Staphylococcus Epidermidis -

SCA301F on Medium Setting -

"In each case, the impact of the Model SCA301F air cleaner is readily visible in the graph. The decay rates with the device on are significantly and reproducibly higher than the decay rates with the device off over the time periods observed."



Decay curves for Aspergillus Versicolor

- SCA301F on Medium Setting –

"In each case, the impact of the Model SCA301F air cleaner is readily visible in the graph. The decay rates with the device on are significantly and reproducibly higher than the decay rates with the device off over the time periods observed."