



AIR PURIFICATION TECHNOLOGY

Dust Free® tested its UV light technology against MS-2 Bacteriophage and Staphylococcus Epidermis in multiple third-party lab settings and test results have shown the ability to successfully reduce those pathogens.

Dust Free®'s ASHRAE 52.2 tunnel/chamber test utilized in the MS-2 Phage and Staph is a rigorous test protocol. Unlike the Dust Free® test protocol, the majority of duct mounted purifiers sold through the HVAC distribution channel are tested in a more controlled lab setting, in a small box, with little to no air movement other than a fan positioned to blow on the device being tested. The pathogen is put on a stainless steel coupon and the test is run for 24 hours.

Dust Free®'s test protocol is much more reflective of what can be expected in a typical ducted system. To our knowledge Dust Free® is the only manufacturer of duct mounted air purifiers that has tested to this rigorous protocol.

MS-2 Phage has been found to be 8-10 times more difficult to kill than COVID-19 by the National Center for Biotechnology Information. **The Dust Free® air purification technology showed a 15% reduction of the airborne pathogen every half hour.**

MS-2 Bacteriophage (MS-2 Phage) testing was conducted at LMS Labs in Minneapolis, Minnesota. The pathogen was aerosolized into a 1000 cubic foot chamber connected to an ASHRAE 52.2 tunnel with the Dust Free® technology installed in the duct outside the chamber.



Staphylococcus Epidermidis has been identified as one of the most difficult bacteria to kill by National Center for Biotechnology Information. **The Dust Free® air purification technology showed a 15% reduction of the airborne pathogen every half hour.**

Staphylococcus Epidermidis testing was conducted at Airmid Labs in Dublin, Ireland. The pathogen was aerosolized into a 1000 cubic foot chamber connected to an ASHRAE 52.2 tunnel with the Dust Free® technology installed in the duct outside the chamber.

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DISCLAIMER: The summary and any comments herein are based on the results from an independent laboratory study performed under controlled conditions and are not in any way medical claims. The product(s) and technologies described are not medical devices and are not intended to diagnose, treat, cure, or prevent any disease, virus or illness. Third-Party tests funded by Dust Free, LP.

Dust Free®, LP

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