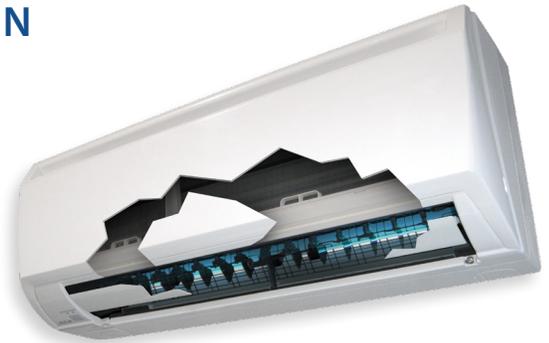


FRESH-AIRE MINIUV™

For Mini Splits & Other Ductless Systems

TECHNICAL BULLETIN



www.projectstable.org

Fresh-Aire Mini UV™ Reduces Biological Contamination In Mini Splits

Sheldon McCartney, director of Project Stable, a non-profit organization that benefits special-needs children by introducing them to horses and farm animals, had a problem. His office is located in an attached garage close to the stables. The space is cooled by a mini split AC system, which, in this scenario is prone to microbial contamination on it's cool, moist interior surfaces. Sheldon and his wife Sandra were constantly effected by respiratory problems when they were in their office, which they traced to the mini split system that had become visibly moldy.

Fortunately for Sheldon, Chris Willette of Fresh-Aire UV proposed to use his site to test his newest product: a germicidal UV light designed specifically for mini-splits and other limited space applications. Samples were taken from several locations within the mini-split unit, then again, one month after installation of the Mini UV system. The samples were then sent to EMLab P&K of Fort Lauderdale, FL for analysis.

There was a total reduction of microbial growth of approximately 98%. Best of all the mini-split system has remained clean and the McCartneys are no longer feeling the effects of airborne illness.



Mini split blower fouled with mold

Test Results

Location	Before	After	
	CFU/Unit	CFU/Unit	% Reduction
Left Side Blower	110,000	9,300	91.5
Left Side Back Wall	1,600,000	450	99.9
Right Side Blower	23,000	<10	99.9
Right Side Back Wall	20,000	<10	99.9



Fresh-Aire Mini UV supresses microbial growth



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