



A NEW LEVEL OF CLEAN

POST DEMO REPORT PREPARED FOR

Mike Kalfsbeck
Owner

PREPARED BY

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PROJECT SITE

Bonita Bay Club
26660 Country Club Dr.
Bonita Springs, FL 34134



PROJECT DESCRIPTION

Sustainable Coil Cleaning for
Commercial Office Building -
COVID-19 Protocols Applied

DEMO DATE

April 30, 2020

PROPOSAL NUMBER

1369

Total: \$900



DEMONSTRATION OVERVIEW

AHU	CFM SIZE	Pre Reading (In-Wig)	Post Reading (In-Wig)	% Reduction
AHU 1	1,600	0.28	0.11	61%
AHU 2	1,600	-	-	-
AHU 4	2,000	0.82	0.45	55%
AHU 5	2,000	1.79	1.45	23%

We rely on a manometer to measure the pressure differential across the coils. Since we can not account for each system's individual operating environment, the calculations assume the system would continue running at the new pressure differential without new fouling.



PROJECT HIGHLIGHTS

- **Pressure drop reduction: 23% - 61%**
- **No Downtime for System During Cleaning**
- **Low Pressure Application - Zero Risk of Coil Damage**
- **Complete Penetration of Foam Through Coils**
- **Coil Disinfection**
- **Improved Energy Transfer Across the Coils**
- **Reduction in Load Blower Motor and Components**
- **Added COVID-19 Protocols to this Demonstration**

CONCLUDING REMARKS

This was a successful project to demonstrate the Blue Box technology and process. Our technicians were able to penetrate our bio-enzymes all the way through the coils and improve air flow.

With our ability to change up the viscosity of the bio-enzymes, the technicians were able to break up the blockage areas and remove the debris from inside of the coils.

With Blue Box, it is now possible to keep the system running at peak efficiency. Doing so will reduce the load on the blower motor and greatly extend the life of its components. As there is no risk of damage to the coils with our low-pressure application and pH neutral bio-enzymes, it is expected that their useful life will also be extended.

We look forward to working with you and hope you will consider utilizing Blue Box to treat and maintain your HVAC systems!

DEMONSTRATION PHOTOS

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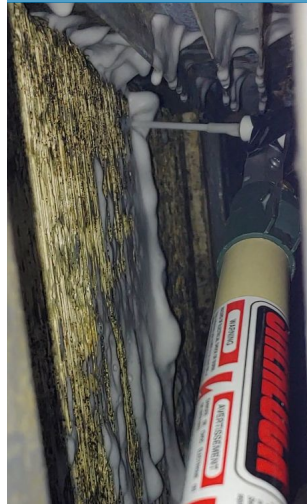
PRE-READ



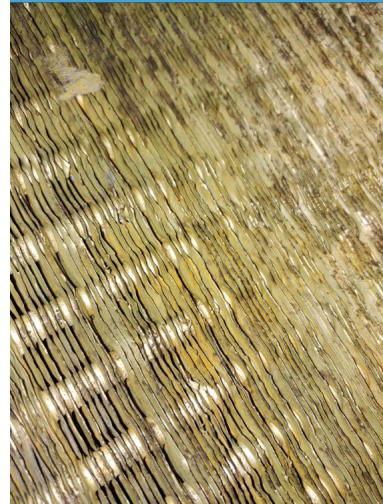
POST-READ



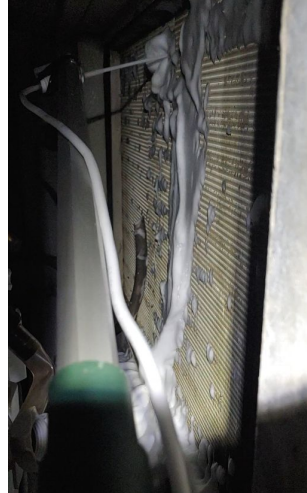
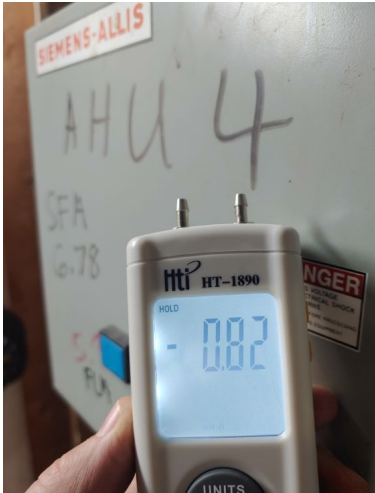
TREATMENT



COILS



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4



A
H
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5

