

## HVAC New Life AHU Restoration/Retrofit

*Q&A with Alan L. Wozniak, CIAQP, CIEC,  
President/CEO Pure Air Control Services,  
Inc.*

**Q: What exactly is HVAC New Life Restoration?**

**A:** Our HVAC New Life is an engineered solution that provides a total restoration option for air handling units instead of full new replacement. It combines M&V testing, our proprietary PURE-Steam coil cleaning, PURE-Coat paint, PURE-Liner 2.0, and PURE-Cell insulation. We also offer upgrade retrofits of ECM fan walls to replace old AC motors and blower wheels, as well as other mechanical parts and fixes depending on the need. Most with a five-year warranty.

Our PURE-Steam coil cleaning service disinfects the coil at temperatures of 300 to 400 F while removing deep fouling to provide improved cfm, Delta P, and cooling capacity. It all adds up to tremendous energy savings. The coating and drain pan liner are both anti-microbial and water resistant. PURE-Cell is a zero porosity, closed cell insulation that is fiberglass free. The fan wall includes ECM fans that offer huge energy savings, built-in redundancy, and zero maintenance compared to conventional blowers.

**Q: How does HVAC New Life compare with new replacement units?**



**A:** First, HVAC New Life restoration is completed with less facility downtime and disruptions. AHUs can be restored in phases during off hours. So, there is no need for temporary cooling and facility closure. Second, it is a sustainable solution. There is no need to truck new equipment in and old equipment out. The process actually upcycles the old AHU for many years of continued use. Finally, and most importantly, HVAC New Life costs much less than new replacement. Even with a fan wall retrofit, HVAC New Life costs 30% or less than replacement equipment cost. This doesn't include additional cost savings from replacement engineering, permitting, shipping, material handling, temporary cooling, facility disruption, and labor when installing new HVAC equipment.

Now, where HVAC New Life does compare to new replacement is how it can be funded. Because HVAC New Life increases the useful life span of the asset, it can be procured using CAPEX. Then de-

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preciated like it was new. Since it costs far less than new and the performance of the AHU is greatly increased, ROI is realized much sooner!

**Q: What types of markets have benefited from the service? Where can people get a closer look?**

**A:** Pure Air Control Services helps many

different segments realize improved HVAC energy efficiency and cleanliness. We have worked in commercial, education, government, healthcare, and military facilities to name a few, along with many mechanical contractors looking to offer a viable alternative to new replacement.

Of course, you can stop by Booth #5671 at AHR to see a hands-on demonstration of the process and fan wall, visit [www.pureaircontrols.com](http://www.pureaircontrols.com), or call 727-572-4550. Thank you.