



Engineered Solutions



- Extends Equipment Life
- Improves Indoor Air Quality
- Saves Energy
- Financing Available

Authorized Reseller:



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The diagram illustrates a commercial kitchen exhaust hood system with three main components highlighted:

- 1 PURE-Stream™ HVAC Hygienic Cleaning:** This component is located at the top of the hood, where it connects to the ductwork. It features a series of coils and is designed for high-volume flush applications to disinfect the system.
- 2 PURE-Coat™ Multicoat Siloxane Coating:** This coating is applied to the interior surfaces of the hood, including the walls and the underside of the canopy. It provides a protective, anti-microbial barrier.
- 3 PURE-Liner 2.0™ Drain Pan Protection:** This is a flexible, durable liner installed in the drain pan at the bottom of the hood to protect the underlying structure from corrosion and leaks.

4 PURE-cell HVAC Insulation System: This system is installed in the ductwork, providing zero-porosity, fiberglass-free insulation that repels moisture and is easy to maintain.

Additional Features:

- Disinfects Coils at up to 350° F & 350 psi**
- High Volume Flush Application**
- Delta P Measurement & Verification Tests**
- Improves Indoor Air Quality**
- Optimizes System Performance**
- Saves Energy and Adds Comfort**
- Green Clean Institute Certified**
- Pre-Enzyme Treatment**
- Post-Bioactive Treatment**

Anti-microbial Properties:

- Anti-microbial
- Corrosion Resistant
- 10,000 Hour ASTM B-117 Salt Spray Test Certificate
- Hydrophilic Properties
- NSF Approved
- Anti-microbial Properties
- 5-Year Warranty

Exceeds ASTM E84 NFPA 25/50 Standards:

- Exceeds ASTM E84 NFPA 25/50 Standards
- Anti-microbial
- Corrosion Resistant
- Flexible/Durable
- Low VOC
- Hydrophilic Properties
- 5-Year Warranty

Certificate of Compliance:

PURE-Coat & PURE-Liner 2.0

To request your complimentary consultation please call the **IAQ Experts** at

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Restore for 1/10th the Cost of Total AHU Replacement

Building owners and operators are often faced with the challenges of aging HVAC equipment. It can be difficult to make the hard choice between an endless stream of maintenance calls or the capital expense of total replacement. This is especially true when there is a large inventory units being managed. Since the basic mechanical design and components of an AHU has remained the same, it can be hygienically restored with HVAC New Life™ instead of a total replacement!

HVAC New Life is an innovative hygienic restoration service that ensures a longer lifespan and optimal performance for aging HVAC system component such as:

- Air Handling Unit Cabinets
- Drain Pans
- Evaporator Coils
- Structural Rails
- Blower Motor Assemblies
- And More!

HVAC New Life combines our powerful PURE-Steam™ HVAC Hygienic cleaning with an exceptional coating and liner process to effectively restore an AHU for many years of continued service.

Engineered Solutions

1 PURE-Steam™



PURE-Steam is a comprehensive, cleaning of the entire AHU, especially the coils, that uses only high temperature and low pressure steam. It's the only Green Clean Institute certified process of its kind!

PURE-Steam is a fundamental step in the HVAC New Life restoration service. It disinfects the AHU and coils of microbes that can cause foul odors and building related health issues. PURE-Steam provides performance gains in Delta P and Airflow by removing latent debris from deep within the coils for improved thermal comfort and energy efficiency.

2 PURE-Coat



HVAC New Life PURE-Coat is a highly specialized paint that is resistant to severe exposure conditions. It's been tested in extreme environments from the arctic cold to desert heat and is flexible enough to withstand the operational rigors put upon HVAC components.

PURE-Coat is water resistant and stops the deterioration of surfaces due to moisture, like corrosion and rust. It also contains non-toxic micro-biocides to prevent the growth of algae, bacteria and mold. It is used on both interior and exterior AHU components.

3 PURE-Liner 2.0



PURE-Liner 2.0 is a pour-in, self leveling, drain pan liner that utilizes a similar formulation to PURE-Coat. It is flexible enough to deal with the temperature and physical demands HVAC operation.

PURE-Liner 2.0 has a very low water vapor transmission rate that repels moisture and slows oxidation. It has the same, safe, micro-biocides as PURE-Coat to stop the growth microbes. It effectively seals the drain pan. If needed our HVAC New Life techs can make minor repairs to the sheet metal before the PURE-Liner 2.0 application.

Certifications & Affiliations



Our Valued Customers





HVAC Training Lab

Pure Air Control Services Inc. is a licensed mechanical contractor. All of our service techs receive highly specialized practical training in our state-of-the-art HVAC Lab (one of few in the U.S.) in conjunction with classroom curriculum through our IAQ Learning Institute located at our headquarters in Clearwater, FL. Since PURE-Steam and HVAC New Life™ restoration are proprietary processes, it is essential that our crews effectively learn the PURE-Steam procedures, techniques and safety precautions before working in the field.

4 PURE-cell



PURE-Cell is a zero-porosity insulation for HVAC systems. It is designed to replace insulation that contains fiberglass and other potentially harmful particulates that can deteriorate, be carried through ductwork, and redistributed into the indoor environment.

PURE-Cell HVAC insulation is ideal for inside air handling units and associated ductwork plenums to help reduce operational sound, repel moisture and impede microbial growth.

PURE-Cell is an optional HVAC New Life upgrade to restore compromised insulation.



Equipment Benefits:

- Stops Corrosion
- Improves Sustainability
- Exceeds NFPA 90/ASTM E84 25/50 Requirements



IAQ Benefits:

- Low VOC Compliance
- Reduces Musty Odors
- Increased Air Flow
- Improved Humidity Control
- Improved Temperature Control
- Optimizes Indoor Environment



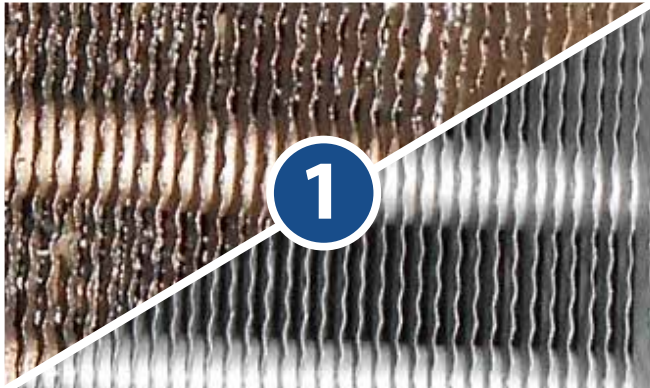
Business Benefits:

- Costs Less Than Replacement
- Repurposes HVAC Equipment
- Extends HVAC Equipment Life
- Fewer Maintenance Calls
- Saves Energy
- Provides Tax Benefits
- Better Equipment Valuation
- Improved Building Valuation
- 5 Year Warranty (PURE-Coat/PURE-Liner)



Real World Results of HVAC New Life

Coils Before



Coils After PURE-Steam

Blower Unit Before



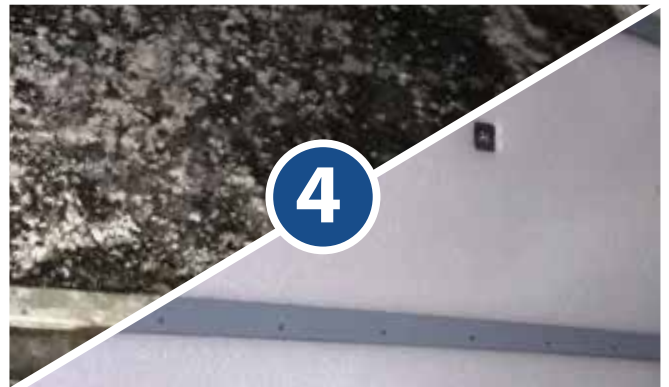
Blower Unit After PURE-Coat

Drain Pan Before



Drain Pan After PURE-Liner

Insulation Before



Insulation After PURE-Cell

AHU Roof Top Unit Before



AHU Roof Top Unit After HVAC New Life



A Brief Financial Case Study

Project Capital Savings Example: We recently performed HVAC New Life at a large Florida university. Before the university had heard of our unique HVAC New Life savings program they were budgeting to replace all 12 Rooftop Units (RTU) for a cost of over \$1 million dollars. Instead they contracted Pure Air Control Services to restore the RTU's to like new condition with HVAC New life for 10% of the cost of new. The university saved \$900,000 in capital dollars.



Invest in HVAC New Life.

Restore for
1/10th
the Cost of
Replacement



21%
Improved
Efficiency



15%
Increase in
Productivity

**Give us a call today to find out how you can
realize the immediate benefits of HVAC New Life.**



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