



PURE-DUCT

Professional Hygienic Duct Cleaning

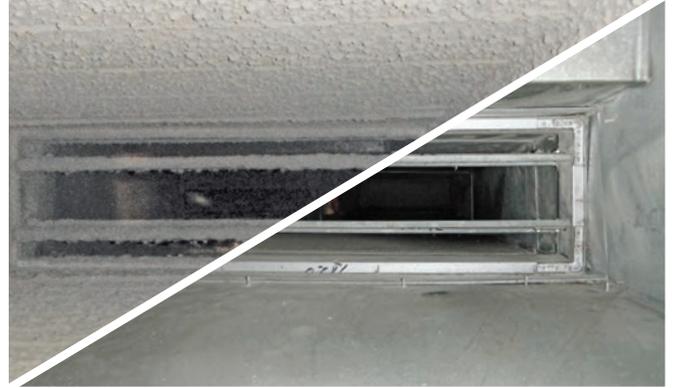
- Improves HVAC Hygiene
- Improves Occupant Health
- Optimizes System Performance
- Reduces Maintenance Calls

Turning Vane Before



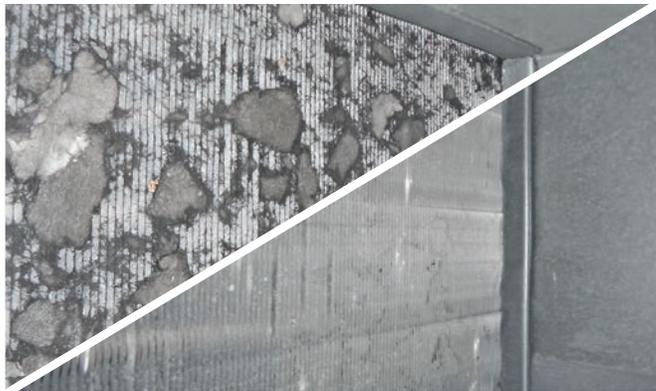
Turning Vane After PURE-Duct

Supply Duct Damper Before



Supply Duct Damper After PURE-Duct

Reheat Coil Before



Reheat Coil After PURE-Duct

Fiberglass Duct Before



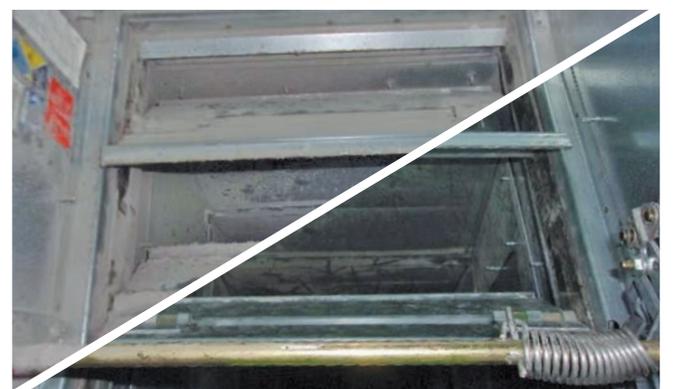
Fiberglass Duct After PURE-Duct

Outside Air Damper Before



Outside Air Damper After PURE-Duct

Return Duct Damper Before



Return Duct Damper After PURE-Duct



To request your complimentary consultation, scan this QR code to find your local representative

or call us at
800.852.6013

PURE-DUCT = Optimal Building and Occupant Health

Did you know that one out of six occupants suffer from allergies triggered by bacteria and fungi spread throughout a building by the ductwork? Allergy and asthma attacks can cause disruption and even absence. A recent Harvard/SUNY study on the benefits of good Indoor Air Quality (IAQ) has shown that an increase in clean indoor air can improve the cognitive function of the occupant by 15% or more!

Keeping your ducts clean is more than a mundane maintenance task. Clean ducts can actually reduce allergen triggers and increase productivity.

Have your ducts cleaned by the best in the business. We are a mechanical contractor, license CAC057992 and an active member of National Air Duct Cleaning Association (NADCA). Your HVAC system is in safe hands. With

over 30 years of expert experience in commercial and residential duct cleaning, plus an extensive network within the HVAC industry, WTI/Pure Air Control Services is the company you can trust. Clean your system without a mess! Our technicians are held to the highest standard in the business with extensive training and a commitment to adhering to each job's detailed specifications.

Engineered Solutions

1 Containment



Before the physical cleaning begins, we have studied the mechanical prints and conducted a visual inspection. These are critical to understanding how the system is designed so that a plan can be outlined, access points determined, and containment protocols established.

Containment in and around the sections of ductwork being cleaned (including duct smoke detectors) is integral to a hygienically successful outcome. We take great care to prevent cross-contamination during the cleaning process. Specialized methods are utilized like airtight physical barriers, traditional masking, and negative pressure work carts.

2 Access and Negative Pressure



After the section area is contained, the duct can then be accessed. Methods vary depending on the type of ductwork. Most commonly, a small panel is cut. However, we can also install doors for ease of access in the future. Typically, access is needed for every 20 linear feet of duct to be cleaned.

Next, a HEPA filtered negative air machine is installed on the section. This pressurizes the ductwork to powerfully vacuum dust and debris that is agitated during the cleaning process. Negative pressure is one of the important factors to prevent cross contamination in the building.

3 Cleaning



Once the section is under negative pressure, the cleaning can commence. We utilize a variety of tools depending on the physical size and type of duct being serviced. Most often it's a combination of compressed air with a reverse flow nozzle and a Rotobrush application. Each section is worked towards the negative air machine, pushing dust and debris into the immense HEPA vacuum.

Where applicable, the ductwork is crawled and cleaned by one of our professionally trained technicians. This allows for a detailed visual inspection while cleaning to guarantee a more thorough outcome.



HVAC Training Lab

WTI/Pure Air Control Services is a licensed mechanical contractor. All of our service techs receive highly specialized, yet 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 our services like PURE-Duct are proprietary processes, it is essential that our crews effectively learn the correct procedures, techniques and safety precautions before working in the field.

4 M and V Reporting



Measurement and verification testing is conducted before, during and after the PURE-Duct service. Samples are collected to identify contaminants present before cleaning and again after to ensure conditions are improved. During the cleaning, particulate counts can be monitored outside of the containment areas to check for cross contamination. After all access points are closed, the ducts are tested for leakage. Finally, a comprehensive report is issued that includes all of the logged data and photos along with recommendations for other solutions to issues that might have been observed during the service.



Equipment Benefits

- Better Airflow
- Unrestricted booster fans, elbows and registers



IAQ Benefits

- Reduces Bacteria, Fungi and Particulates
- Decreases Musty Odors
- Improves Occupant Well-Being
- Optimizes Indoor Environment



Institutional Benefits

- Reduces Allergy and Asthma Attacks
- Increases Occupant Productivity
- Fewer Occupant Complaints
- Fewer Maintenance Calls



Healthcare facilities require extra care for duct cleaning and other remediation projects. We understand the regulatory framework healthcare facilities operate within. WTI/Pure Air Control Services has many years of experience complying with The Joint Commission and each hospital's ICRA to get the job done right under the most stringent specifications.

What Our Customers Say.



Dear Pure Air Control Services,

Pure Air Control Services (PACS) has been serving as a trusted partner of Moffitt Cancer Center (MCC) in maintaining and optimizing MCC's indoor air quality and HVAC hygiene since 2017. MCC has consistently been impressed with both the quality of the services and professionalism of the PACS team. In the rare instances in which an issue needs to be addressed, the PACS team is receptive and diligent in solving the problem.

I was a skeptic about the idea of duct cleaning and deep steam cleaning of air handlers at first. But PACS has converted this skeptic into a believer. PACS' steam process for environmentally cleaning air handlers gets a deep clean in our coils, typically improving our static pressure drops and helping us get the performance we need from the unit. Likewise, the steam cleaning of the air handlers and PACS' thorough hygienic cleaning of the ductwork including reheat coils and VAVs, has been extremely useful in enhancing the indoor environment of our facilities. PACS' technicians have worked in HVAC systems serving a wide variety of hospital functions, from OR, pharmacy and lab, to patient wings, to our research center and other areas.

Of the many HVAC cleaning projects PACS and MCC have partnered on, one project really stands out as an example of PACS' indispensable place in our team of contractors. In July 2018, MCC executed an air handler switchover for a unit serving a patient wing. We asked them to complete a challenging job: we gave PACS just a 10 hour window on a Sunday to environmentally clean the return duct system in this patient wing before we returned the patients to their rooms. Given just a few days' notice, PACS was able to mobilize multiple crews and execute. The job was completed professionally with excellent results, and, after witnessing PACS' technicians crawling through ductwork first hand, left us with a new found respect for their profession.

Moffitt Cancer Center thanks Pure Air for its role as a trusted Indoor Air Quality and HVAC Hygiene advisor, and for playing a role in helping create an indoor environment conducive to Moffitt achieving its goal of contributing to the prevention and cure of cancer.

Sincerely,

Ken Kuse,
Controls, CX, and Energy
Manager

Michael Gonzalez
Building Maintenance
Manager



Sent: Wednesday, March 21, 2018
Subject: PureAir - HR Duct Cleaning

Dear Colleagues:

This is to inform you that the Division of Human Resources is very pleased with the overall performance of the Pure Air Control Services duct cleaning crew and the job they have done in Building 1000.

The team conducted themselves professionally and always greet you with a smile. They kept the surroundings clean, free of dust and with minimal disruption to the Division.

If the College considers them for other jobs, know that we are happy with what they have done in our area.

Thank you for selecting Pure Air.

Jennis Ramsay
Admin. Assistant to the Vice Provost
Division of Human Resources
Miami Dade College



Pure Air Control Services thorough hygienic cleaning has been extremely useful in enhancing the indoor environment of our facilities.

Ken Kuse,
Controls, CX, and
Energy Manager

Michael Gonzalez,
Building Maintenance,
Manager



Human Resources is very pleased with the overall performance of the Pure Air Control Services duct cleaning crew and the job they have done...

Jennis Ramsay,
Human Resources,
Miami Dade College

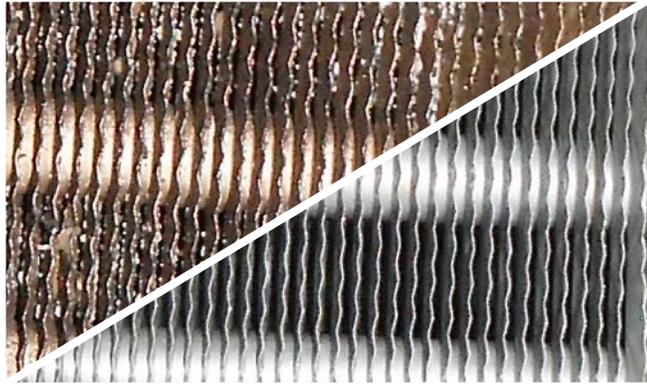
Our Valued Customers



Real World Results of Our Complementary Services

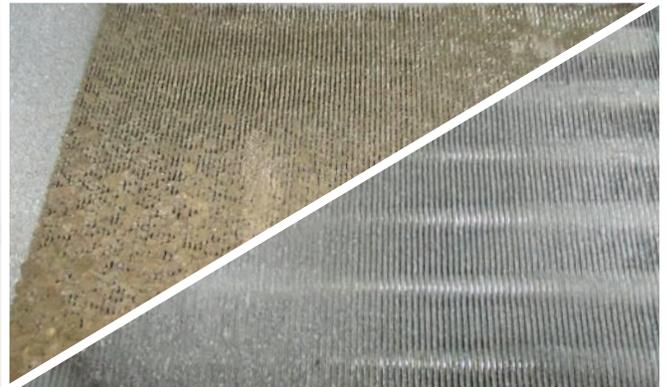


Coil Before



Coil After PURE-Stream

Reheat Coil Before



Reheat Coil After PURE-Stream

Blower Wheel Housing Before



Blower Wheel Housing After PURE-Coat

Drain Pan Before



Drain Pan After PURE-Liner 2.0

Before HVAC New Life



After HVAC New Life

Fiberglass Insulation Before PURE-Cell



After PURE-Cell Insulation

Find your nearest Tremco Roofing sales representative at [tremcoroofing.com/find-a-rep](https://www.tremcoroofing.com/find-a-rep)



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Tremco Roofing and Building Maintenance, and WTI are part of Tremco Construction Products Group, offering a full range of sophisticated analytical, maintenance and information-based services with one simple goal – to maximize the life of your roof and protect the value of your building.

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