



PUREDECON

Building Disinfection

Building and HVAC System
Decontamination that goes
Beyond Topical Cleaning

Proactive Treatment Services

Multi-Level Engineered
Incident Response



BUILDING REMEDIATION SCIENCES



PUREAIR[™]
CONTROL SERVICES, INC.

Healthy Buildings, Healthy People

PUREDECON

is a combination of services that can be utilized to disinfect interior spaces, air conveyance ductwork and HVAC equipment. It employs a variety of methods, equipment and EPA registered Disinfectants for Emerging Pathogens, or DEP. The specific

methods and DEP used is engineered to the situation, building type/use and HVAC system. PURE-Decon services go far beyond traditional disinfection by permeating areas in the ambient space and HVAC system never touched by topical cleaning.

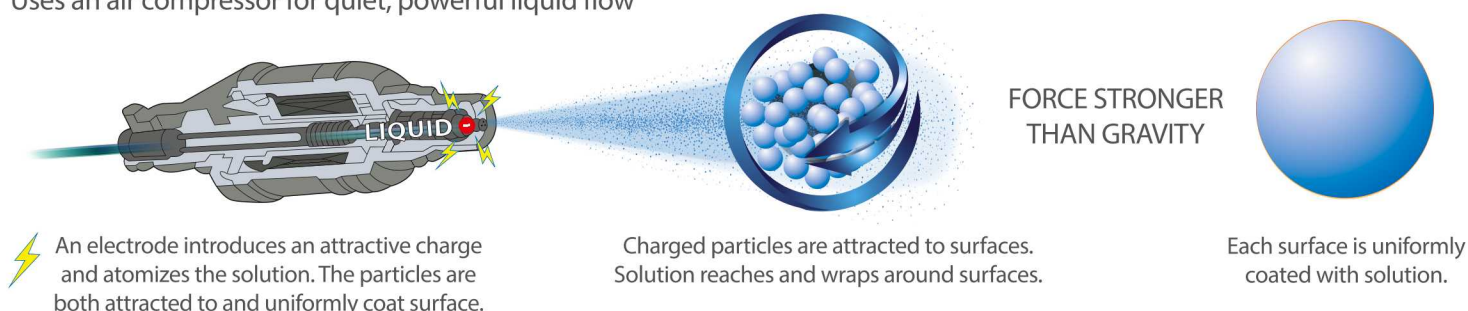
Electrostatic DEP sprayers, misters, and steam comprise the foundation of a PURE-Decon service. There are hand held devices, total room misters, and portable misters. Each is used under specific circumstances to maximize the decontamination procedure.

Electrostatic spray/mist is highly effective. This is because an electric charge is introduced to the disinfectant which atomizes it and attracts to surfaces. This allows the DEP particles to literally wrap around surfaces and uniformly coat them. Especially areas where traditional spray and wipe cannot reach, like between buttons on a phone or keyboard

Best of all, by using EPA registered DEPs there are no harmful residues left behind after the required settling time is met.

How It Works:

Uses an air compressor for quiet, powerful liquid flow



Benefits PURE-Decon Electrostatic Spray DEP:

- EPA Registered Disinfectants for Emerging Pathogens
- Kills 99.9% of Bacteria, Mold, Viruses and other microbes
- Disinfects Anywhere the Mist Permeates
- Dry Mist with no rinse, wipe or residue
- DEP safely decomposes after use

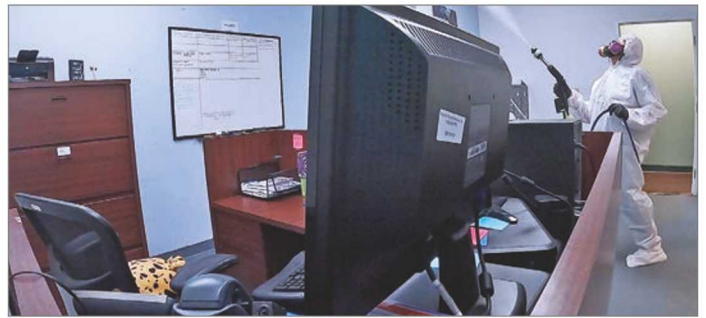
Most Susceptible to Disinfectants			Most Resistant to Disinfectants	
ENVELOPED VIRUSES	BACTERIA	FUNGI	NON-ENVELOPED VIRUSES	SPORES
<ul style="list-style-type: none">• HIV type 1 (HIV-1)• Influenza A (Hong Kong)• Avian Influenza A (HSN1)• Swine Influenza A (H1N1)• Coronaviruses	<ul style="list-style-type: none">• Pseudomonas aeruginosa• Staphylococcus aureus• Staphylococcus aureus (MRSA)• Escherichia coli• Salmonella enterica• Proteus mirabilis• Enterobacter aerogenes	<ul style="list-style-type: none">• Trichophyton mentagrophytes• Aspergillus niger	<ul style="list-style-type: none">• Norovirus• Rhinovirus type 37• Minute Virus of Mice• Feline Calicivirus	<ul style="list-style-type: none">• Clostridium difficile spores

NOTE: Since SARS CoV-2 is a novel (new) virus, DEPs efficacy testing and results are currently ongoing. However, it is still an enveloped Coronavirus and is expected to be as susceptible to disinfection as other strains.



BUILDING REMEDIATION SCIENCES

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PURE-Decon Hands-on Training

Pure Air Control Services Inc. is a licensed environmental contractor. All of our field service techs receive highly specialized practical training in our state-of-the-art environmental 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. It is essential that our crews effectively learn the PURE-Decon procedures, techniques and safety precautions before working in the field.

PURE-Decon is Designed for:

- Assisted Living Facilities
- Cruise ships/Naval Vessels
- Daycare Facilities
- Gyms & Fitness Centers
- Healthcare Practices/Hospitals
- Office Buildings/Workplace
- Retail/Supermarkets
- Schools/Universities
- School Buses & Other Vehicles
- Veterinarian Facilities



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Multi-Level Solutions for Any Situation

PURE-Decon Multi-Level Uses a Proprietary Combination of These Services



PURE-DECON

PURE-Decon Electrostatic Spray/Mist and topical cleaning services use a variety of DEPs suited for specific applications to disinfect the indoor environment.

PURE-STEAM

PURE-Steam is a deep cleaning of the entire AHU and coils. It utilizes high temperature steam to disinfect the equipment for improved IAQ & Performance.

PURE-DUCT

PURE-Duct is a comprehensive IAQ driven cleaning of the air conveyance system with a specialized focus on HVAC components within the ductwork.

LEVEL I

This is a tactical electrostatic spraying of an indoor environment that focuses on high-touch surfaces and HVAC grills.

LEVEL II

Decontamination for the occupied space and HVAC system with containment. Level II includes our PURE-Decon atomized DEP treatment of the indoor environment and air conveyance system (ductwork). It also provides for the sanitization of the Air Handling Unit (AHU) and coils with light version of our PURE-Steam Process.

LEVEL III

Decontamination for the occupied space, HVAC system and ductwork with containment. Level III includes everything performed under the Level II protocol but also includes a PURE-Decon topical cleaning. Level III environmental topical cleaning consists of HEPA vacuuming and then spraying and/or wet wiping surfaces with an EPA registered sanitizer.

Note: Level III topical cleaning **DOES NOT** include toilets, showers, interior of cabinets and desk drawers, dishes, canned foods, refrigerators, towels, linens, curtains, computers, electronic equipment, any kind of stock (e.g. office supplies, merchandise, books folders, etc.) or wall decorations.

LEVEL IV

Decontamination for the occupied space (more inclusive), HVAC system, as well as PURE-Duct cleaning of ductwork, VAV terminal boxes and reheat coils. Level IV provides all protocols listed in Level III with a more thorough topical cleaning **THAT DOES** include computers, electronic equipment, any kind of stock (e.g. office supplies, merchandise, books folders, etc.), wall decorations (e.g. picture frames, posters, artwork, etc). The books and sensitive items will be cleaned via laminar flow chambers.

LEVEL V

Level V is the most inclusive PURE-Decon service. It includes levels I-IV but adds the disinfection of cabinet interiors, desk drawers, toilets, showers, curtains, linens, towel and kitchens with included stock and appliances.

PURE-Decon can also be customized with varying specifications for any of these levels to meet your need. The disinfectants (DEPs) used is determined by multiple factors including situation, equipment needed and level of the project. This information will be detailed in the project specification prior to the commencement of work.

Whether being proactive or in need of emergency response PURE-Decon takes building and HVAC disinfection to a new level.

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