



pureairgroup

REME & PHI SYSTEMS

Professional Air Purification System



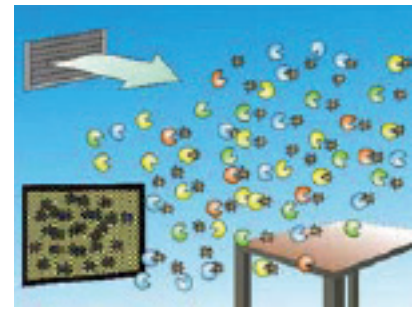
Live & work in a
virus free environment

New technology to improve all our worlds

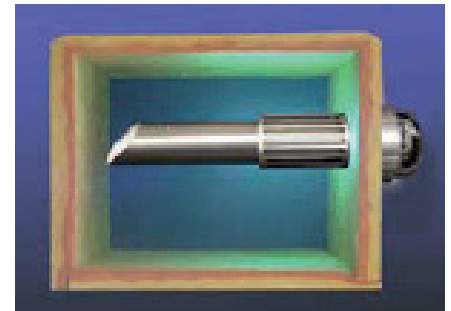
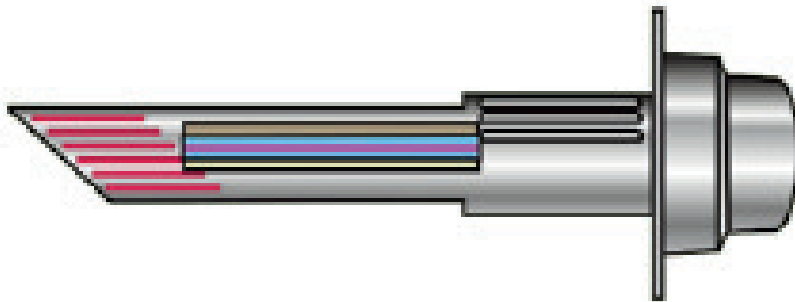
To find out more about our products and how they can
benefit you, visit our website or contact us.

REME™ or Reflective Electro Magnetic Energy utilizes an electro magnetic energy cell to create ionized hydroperoxides, a friendly oxidizer plasma made from oxygen and humidity. This air purifying plasma is propelled into the HVAC duct or plenum by a silent plasma propulsion module that has no moving parts, yet propels the plasma at 0,5 m3/mm.

This provides for fan or blowerless operation on a 24-hour basis. The purifying plasma will be propelled through the ducts whether the fan or blower is on or not. This permits a hardwire 240 volt plug-in installation that lets the REME run 24/7 without wiring to the fan/blower circuit.



Aggressive Advanced Ionized Oxidation Plasma destroys airborne and surface pollutants at the source.



Sneeze Test - REME™

A testing protocol concept was used which included a “Sneeze Simulation Machine” and “Sneeze” chamber. A sneeze can travel at up to 100 mph, so we had to consider lung capacity, sneeze pressure, and liquid volume to properly simulate a human sneeze. This was accomplished and the test proceeded with outstanding results. An average of 99% reduction of microbials was achieved with REME™ in a double blind test, at 3 feet from the sneeze source. This is clearly not a medically supervised test or protocol. However, from a practical point, it was definitely providing some kill at the source and will provide some level of protection. (Tested by: Kansas State University, inactivation 99%)

Applicable for Inactivation of Bacteria, Mold and Virus

Norwalk Virus - 99+% Inactivation	Odors D-limonene - 98+% Inactivation
MRSA Bacteria - 99+% Inactivation Streptococcus - 96+% Inactivation	Odors Methyl Ethyl Ketone - 13+% Inactivation Odors Smoke - 70+% Inactivation
Inactivation Pseudomonas - 99+% Inactivation	Mold - 97+% Inactivation
Listeria - 99+% Inactivation	Yeast - 90+% Inactivation
Escherichia Coli - 99+% Inactivation	Hydrogen Sulfide - 80% Inactivation
Bacillus Globigii - 99+% Inactivation Staphylococcus Aureus - 99+% Inactivation Streptococcus Pneumoniae - 99+% Inactivation	Methyl Mercaptan - 100% Inactivation Carbon Disulfide - 30% Inactivation
Inactivation Bacillus spp. - 99+% Inactivation Stachybotrys chartarum - 99+% Inactivation Candida albicans - 99+% Inactivation	Butyl Acetate - 100% Inactivation
Odors Cleaning Chemicals - 55+% Inactivation Odors Pets - 72+% Inactivation	Methyl Merthacrylate - 100% Inactivation Formaldehyde - 90+% Inactivation
Odors Perfume - 63+% Inactivation	Food Surface Microbials - 99% Inactivation Surface Bacteria / Virus - 99+% Inactivation Particulate Removal - ISO Class 3 in 24 hrs
Odors Toluene - 29+% Inactivation	



Bringing new technology to rid us from harmful bugs and bacteria in today's world.



We are both a maintenance based service and a call out/outbreak service. How many of us have heard these words mentioned in the news? MRSA, e-coli, Norovirus, that occur in Care Homes, Hospitals, Schools, Nurseries, through many sectors like Public transport, Call centers, Food hygiene ratings for all in the hospitality business and even your own home.

We look forward to working with you to create a better environment.

Organisations using our service could even save money. How? You ask, well if you did not have to pay for temporary staff because full time staff are off sick this could be a great saving you would make from using this service. Not only does Pure Air Group create a better environment we will ensure you remain complaint to the highest standards expected by the local authorities.

For your customers and clients' it gives them the peace of mind you really do go that one step further to enhance their experience and create an environment in which to thrive whilst in your facility.

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To find out more about our products and how they can benefit you, visit our website or contact us.

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