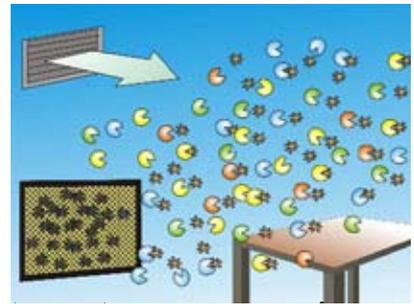
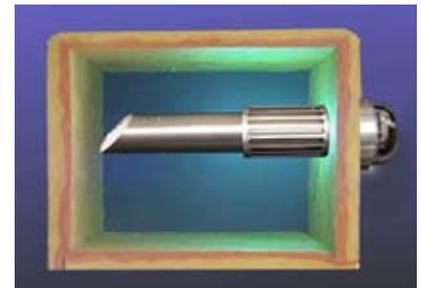
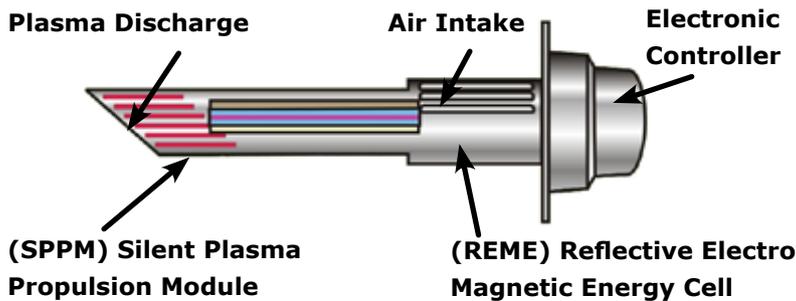


REME™ or **Reflective Electro Magnetic Energy** utilizes an electro magnetic energy cell to create ionized hydroperoxides, a friendly oxidizer plasma made from oxygen and humidity. This air purifying plasma is propelled into the HVAC duct or plenum by a silent plasma propulsion module that has no moving parts, yet propels the plasma at 2 cfm.

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 110 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.



REME unit in duct

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
- MRSA Bacteria - 99+% Inactivation
- Streptococcus - 96+% Inactivation
- Pseudomonas - 99+% Inactivation
- Listeria - 99+% Inactivation
- Escherichia Coli - 99+% Inactivation
- Bacillus Globigii - 99+% Inactivation
- Staphylococcus Aureus - 99+% Inactivation
- Streptococcus Pneumoniae - 99+% Inactivation
- Bacillus spp. - 99+% Inactivation
- Stachybotrys chartarum - 99+% Inactivation
- Candida albicans - 99+% Inactivation
- Odors Cleaning Chemicals - 55+% Inactivation
- Odors Pets - 72+% Inactivation
- Odors Perfume - 63+% Inactivation

- Odors Toluene - 29+% Inactivation
- Odors D-limonene - 98+% Inactivation
- Odors Methyl Ethyl Ketone - 13+% Inactivation
- Odors Smoke - 70+% Inactivation
- Mold - 97+% Inactivation
- Yeast - 90+% Inactivation
- Hydrogen Sulfide - 80% Inactivation
- Methyl Mercaptan - 100% Inactivation
- Carbon Disulfide - 30% Inactivation
- Butyl Acetate - 100% Inactivation
- Methyl Merthacrylate - 100% Inactivation
- Formaldehyde - 90+% Inactivation
- Food Surface Microbials - 99% Inactivation
- Surface Bacteria / Virus - 99+% Inactivation
- Particulate Removal - ISO Class 3 in 24 hrs