

## NEW HEALTH SAFETY UPGRADES FOR THE CHURCH

Please join me in thanking Mr. Al Goodrow, owner of Junction Mechanical H.V.A.C. Al is a daily Communicant of Saint Catherine of Siena Parish, and like so many of you, is deeply devoted to the good of our parish. Al, donated and installed new state of the art air purifier systems for the church. The units are installed in the current air handling systems. These systems not only filter the air but send out an active purifying agent which cleanses all objects which the air reaches or falls upon. It precludes the need for air fogger and disinfectant machines.

### **Here's how it works:**

The REME HALO<sup>®</sup> in-duct air purifier utilizes RGF's proprietary Reflective Electro Magnetic Energy technology. Installed into the supply plenum of your existing air conditioning or heating system air ducts, the REME HALO<sup>®</sup> in-duct air purifier produces Hydro-Peroxide plasma that is distributed through the air handler, through the duct system and into the conditioned living space. Unlike passive air technologies, which need pollutants to pass through the unit for purification or filtration, the REME HALO<sup>®</sup> in-duct air purifier sweeps through your home actively purifying pollutants at the source. In addition, the charged plasma induces particles to coagulate or stick together making them bigger and easier for your filter to catch. Hydroperoxides occur naturally in the earth's atmosphere and are part of nature's process of cleaning the air.

### **What's new:**

The redesigned and improved REME HALO<sup>®</sup> whole home in-duct HVAC unit features higher ionized hydroperoxide output, which gives faster kill rates for microbial contaminants in the air as well as on surfaces. This higher output also drops more particulates from the air, bringing relief to those who suffer from allergies and other respiratory issues. Now with quick release features for the cell and housing for faster cell replacement and an adjustable shroud for customization of the advanced oxidation plasma output.

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 lung capacity, sneeze pressure, and liquid volume had to be taken into consideration to properly simulate a human sneeze. This was accomplished and the test proceeded with outstanding results. An average of 99% reduction of sneeze germs was achieved with PHI/ REME<sup>®</sup> in a double blind test, at three feet from the sneeze source.

