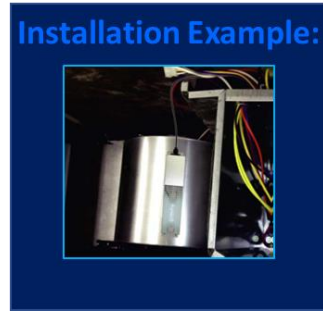
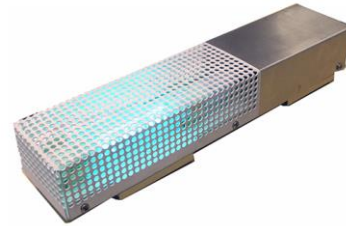




**pacific air  
control, inc.**

**Magnetic Mount Package Air Purification System  
A Photohydroionization (PHI) Technology**

Why Use Photohydroionization Technology?  
Germicidal UV light rays have been used for decades by the medical industry as a method for destroying micro-organisms (germs, viruses, bacteria). UV light is dependable and can be easily installed in HVAC systems. Germicidal UV light is effective in reducing only the airborne micro-organisms that pass directly through the light rays. However, germicidal UV light has little to no effect on gases, vapors or odors. Photohydroionization Advanced Oxidation, which is an active system, on the other hand, is very effective on gases, vapors, VOCs and odors within the occupied space.



**Actual lab tests showing  
over 99% reduction of  
airborne bacteria, mold,  
odors and VIRUS**



The RGF Package Unit utilizes UV light enhanced by a hydrated quad-metallic compound target which develops an advanced oxidation reaction that creates hydro-peroxides, super oxide ions and hydroxides. By engineering the proper UV light wavelength, in combination with a triple function, no maintenance unit, The PHI Cell provides safe hydrogen peroxides to purify the air. With the RGF HVACPHI Cell Advanced Oxidation System, micro-organisms can be reduced by over 95%. Gases, VOCs and odors can also be reduced significantly, and the room will have hydro-peroxides, super oxide ion and hydroxides which will help give your room fresh, clean and odor free

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