



## RGF's PHI-Cell™ Kit

The new patent-pending PHI-Cell™ by RGF is the latest advancement in Photohydroionization™ technology. Currently available in AIRIUS models 10, 15, 25, 35, 60

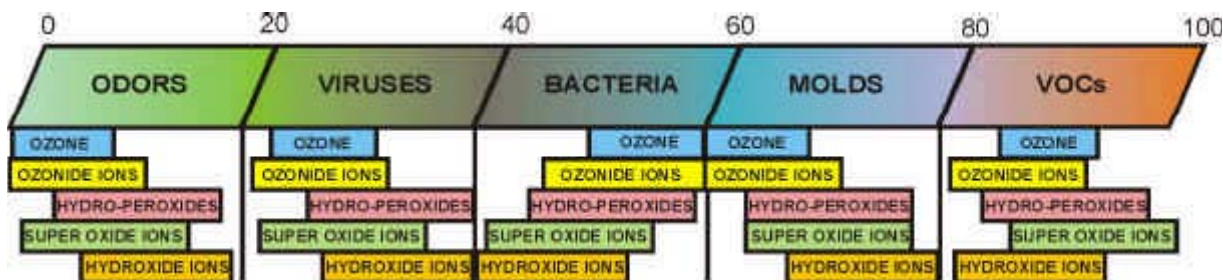


RGF has developed a proprietary broad spectrum, high efficiency UV bulb (HE/UV™) to work with RGF's hydrated quad-metallic target and RGF's PPC-UV bulb coating. The target acts as a catalyst for a hydroxyl radical reaction of the broad spectrum 100-300 nm HE/UV™ energy with water vapor on the hydrated target. The results are hydro peroxides, super oxide ions, passive negative ions hydroxides and ozonide ions. The cell creates a very aggressive advanced oxidation atmosphere that has the ability to reduce airborne bacteria, mold and viruses up to 99% also odors and VOC's by up to 97%. A proprietary protective poly shield (RGF PPS) shields the bulb from temperature fluctuations and breakage that could release mercury, which is a problem for all UV bulbs.

The new proprietary, high efficiency rated bulb has an estimated life of 25,000 hours, just short of three years. RGF is providing a three-year warranty with the cell. RGF has successfully used its PHI-Cell™ in air, water, food and laundry purification systems.

The Chinese Government has tested the RGF PHI-Cell™ and approved it for use in all government buildings and subways for SARS protection.

### Organic Spectrum of PHI Cell



**Redundant Technologies are needed for Full Spectrum Coverage**

