

Commercial Air Purification System By RGF Environmental



The HALO-ROVE™ Commercial Air Purification System

The HALO-ROVE[™] utilizes RGF's patented Photohydroionization[®] (PHI-CELL[®]) technology to substantially reduce airborne and surface bacteria, viruses, odors, mold and VOCs (chemical odors). The HALO-ROVE[™] is designed as a standalone, portable active air purifier capable of treating up to 1,000 square feet.



Why Use RGF's Photohydroionization® Technology?

Photohydroionization[®] (PHI) is an active air treatment technology. Active air treatment is the process of reducing air and surface contaminants by recreating safe, natural levels of hydrogen peroxide (H_2O_2) in occupied areas.

RGF's patented PHI-CELL[®] technology combines a photocatalytic process and a multiwavelength UV source to create active air purification. The combination of UV light and a hydrated quad-metallic catalyst drives a reaction that produces low level, airborne H_2O_2 . RGF's PHI-CELL[®] air treatment systems are operating safely in over four million installations globally.

HALO-ROVE[™] – Commercial Air Purification System

The HALO-ROVETM quietly circulates air around the space while creating and distributing low-level airborne hydrogen peroxide (H_2O_2). Testing shows significant reductions in viruses, bacteria, mold, and odor within minutes of operation, resulting in safe, clean air within the treated space.



