

Validation

The RGF PHI™ technology has achieved the following results in both commercial and academic independent lab tests:

- 4-log reduction (99.99%) surface bacteria/virus reduction
- Tested and approved by the Chinese Government for protection against the SARS virus
- Over 80% VOC reduction
- 97% airborne bacterial reduction
- 99% reductions of Ecoli, Listeria and Strep
- 85% odor reduction
- 100% reduction of Bird Flu
- 97% airborne mold reduction
- Hospital approvals Infectious Diseases - U.S. and International 99% reduction of Staph (MRSA)
- 99% food surface microbial reduction
- Major US city school reports 20% reduction in absenteeism
- Approved by the USDA, FSIS and FDA for use in food processing plants
- Fox News three-part indoor air series featured RGF and concluded substantial mold and bacteria reductions
- RGF's PHI™ technology has been featured on Fox, ABC, CBS and in Popular Science Magazine



RGF Environmental
West Palm Beach, Florida

SPECIFICATIONS

•Ozonide Ion Production:

Distributed through air handler

•Hydro-peroxides distribution:

Distributed through air handler

•Super Oxide Ion distribution:

Distributed through air handler

•Hydroxide Ion distribution:

Distributed through air handler

•Germicidal UV Light

In plenum

•Installation:

Installed in hvac duct, plenum or coil

•Electrical:

110-220 VAC 60 Hz 50-90 watts

•PHI Cell Replacement:

Recommended after 25,000 hrs (3 Year)

<i>Item #</i>	<i>HVAC Air Blower Size</i>
HVAC-PHI-118-GA-VSF	300 to 1,200 CFM
HVAC-PHI-212-GA	1,000 to 6,500 CFM
HVAC-PHI-212HO-GA	6,500 to 10,000 CFM
HVAC-PHI-357-GA	10,000 to 18,000 CFM
HVAC-PHI-357HO-GA	18,000 to 26,000 CFM

To calculate CFM from tonnage rating:

As a general rule 400 CFM = 1 ton unit
Example: 5 ton x 400 = 2000 CFMs