



## Commercial Air Purification System By RGF Environmental

### **PHI Package Unit Commercial Air Purification System**

The RGF-PKG™ package unit uses RGF's patented Photohydroionization® (PHI-CELL®) technology to reduce airborne and surface bacteria, viruses, odors, VOCs (chemical odors), and mold\*. RGF-PKG™ package units are designed specifically for use where the supply duct is not accessible and large commercial applications. They utilize adjustable magnetic feet with vibration dampers to attach without fasteners to the HVAC blower unit or PKG Rack System, making installation fast and simple. RGF-PKG™ package units are available with 5", 9" and 14" PHI-CELLS®.

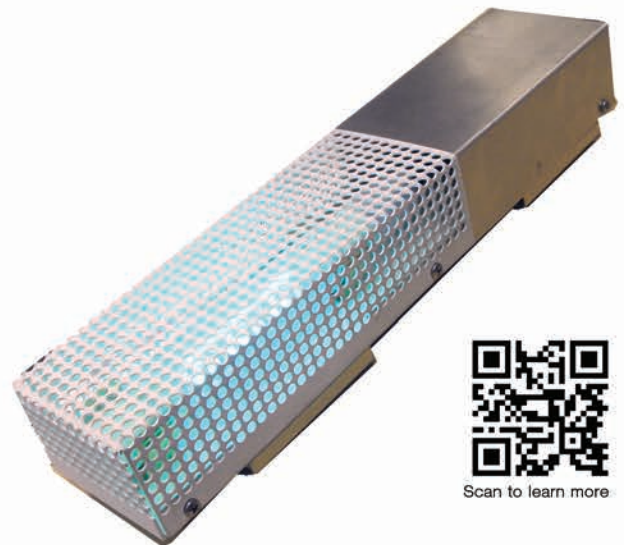
### **Why Use RGF's Photohydroionization® Technology?**

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<sub>2</sub>O<sub>2</sub>) 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<sub>2</sub>O<sub>2</sub>. RGF's PHI-CELL® air treatment systems are operating safely in over four million installations globally.

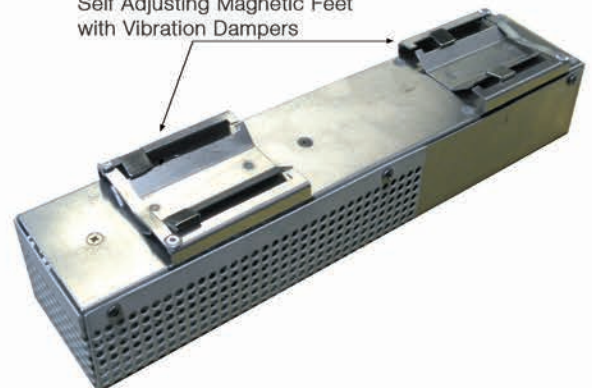
RGF-PKG™ package units are routinely used in both Residential and Commercial applications including but not limited to:

- Restaurants
- Public Transport
- Hotels
- Office Buildings
- Airports
- Schools/Colleges



Scan to learn more

Self Adjusting Magnetic Feet  
with Vibration Dampers



\*Test results available at [www.rgf.com/test-results](http://www.rgf.com/test-results)

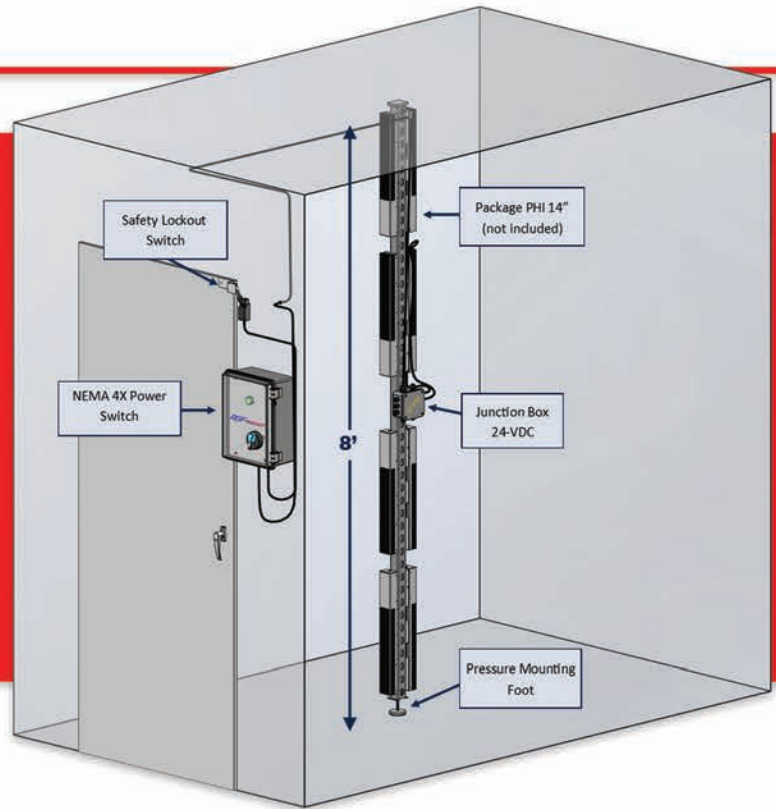
# RGF-PKG™ Package Unit – Commercial Air Purification System

RGF-PKG™ package units incorporate RGF's patented Photohydroionization® (PHI-CELL®) technology, a 25 year old photocatalytic process that creates safe, natural levels of airborne hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) in the occupied space. RGF's PHI-CELL® air treatment systems are operating safely in over four million installations globally.

## NEW

RGF's new PKG-Rack™ systems are often used for commercial installations where several RGF-PKG™ package units are required. Multiple units are quickly and easily installed using the PKG-Rack™ system\*. Each rack system provides convenient installation for up to eight RGF-PKG™ units. Racking the RGF-PKG™ package units offers customers the ability to add active air purification to the largest commercial air handlers. See PKG-Rack™ specification sheet for more information.

\*Unistrut not supplied



ITEM#	HVAC Blower Size	TONNAGE	AMPS	DIMENSIONS	SHIP WT.
PHI-PKG5-24V	250 to 1,200 CFM	Up to 3.5 ton	0.48	2.25" W x 10.5" L x 1.75" D	1 lbs.
PHI-PKG9-24V	1,200 to 3,000 CFM	3.5 to 7.5 ton	0.70	2.25" W x 13.5" L x 1.75" D	1 lbs.
PHI-PKG14-24V	3,000 to 8,000 CFM	7.5 and 20 ton	0.70	2.25" W x 18.5" L x 1.75" D	2 lbs.

- Hydrogen Peroxide distribution: Distributed through HVAC duct work
- Installation: Installed in the HVAC supply
- Electrical: 24 VAC
- Materials: Aluminium housing
- PHI-CELL® Replacement: Recommended after 18,000 – 25,000 hrs.
- Warranty: 2 years



UL 1598:2008 (3rd Edition)  
CAN/CSA C22.2  
No.250.0:2008



DIVISIONS



ISO 9001:2015 CERTIFIED COMPANY

1101 West 13th Street (Port of Palm Beach Enterprise Zone) Riviera Beach, Florida 33404  
www.rgf.com

SPEC-0560 Rev A