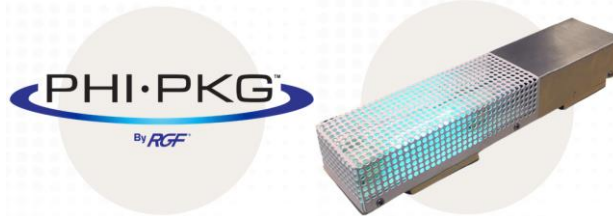




PHI-PKG™ Commercial Air Purification System



Give your team the fresh air they deserve

The PHI-PKG™ air purification system is designed for use in commercial HVAC systems. It uses our revolutionary PHI-CELL® technology that produces low levels of airborne hydrogen peroxide in the air that are effective at reducing bacteria, mold spores, viruses and odors.

Our PHI-PKG™ system brings Mother Nature's natural cleaning process into your building. You'll have peace of mind knowing you are doing everything you can to protect your workers and guests from unwanted germs.

DETAILS

How it works:

The inventors in our research and development department are constantly studying the environment and the science behind naturally occurring processes. The adage that sunlight is a great disinfectant is true in several ways: its ability to create hydrogen peroxide and release it into the air, and the UV properties of sunlight help eliminate microorganisms outside. So, the question arose as to how we could replicate and enhance these naturally occurring air purification processes in an indoor environment. This is how the PHI-PKG™ Commercial Air Purification System was born. It is powered by RGF's proprietary PHI-CELL® technology, which combine a UVC light on an advanced catalyst to create low concentrations of gaseous hydrogen peroxide in the air that disperses throughout your space. As Mother Nature's chosen sanitizer, hydrogen peroxide is incredibly effective at reducing viruses, bacteria, mold spores, odors, volatile organic compounds and other microbes in the air and on surfaces in your home.

Why it matters:

The indoor air quality in your home or office can be five times more polluted than the outdoor air, primarily because indoor air is not properly sanitized. There are added contaminants that are simply not filtered out of the air or removed from surfaces, but instead accumulate again over



time. This happens because bacteria, viruses, mold spores, and other toxins are too small to be stopped by traditional air filters, and some can even pass through a HEPA filter.

So, since you spend up to 90% of your time indoors, it's important to consider the impact these pollutants can have on your long-term health. When you install a PHI-PKG™, you will notice the difference in the quality and freshness of the air you breathe and wonder why you did not take this simple measure sooner.

FEATURES AND BENEFITS

With PHI-PKG™ you can protect your family and help protect the environment at the same time.

The PHI-PKG™ active air purification solution disperses airborne gaseous hydrogen peroxide throughout your air conditioning system and into the building, reducing viruses, bacteria, mold spores and odors at the source.

It operates silently and continuously, so once it's installed, the only thing you'll notice is how fresh your workplace smells – and how comforting it is to help protect everyone around you.

- Installation is quick and easy
- One of the least expensive components of an air conditioning system, but one that can have one of the biggest impacts on your air quality.
- Active technology reduces viruses, bacteria, mold spores and odors right at the source to give you the freshest air possible.
- Can be easily integrated into any existing air conditioning duct system.
- Reduces common odors associated with any workplace.
- Silent, continuous operation so you only notice how fresh your space is.

APPLICATIONS

The PHI-PKG™ Commercial Air Purification System can be installed anywhere there is a ducted HVAC system. It is suitable for commercial HVAC applications.

- **Reducing Odors** – If your workplace smells like chemicals, food or mold, our system is designed to reduce those odors.
- **Help prevent the spread of bacteria and viruses** – Everyone is more careful about viruses and bacteria today. Clean the air in your workplace with our revolutionary
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system. PHI-PKG™ reduces the spread of pathogens in the air throughout your workplace.

- **Toxins and Pollutants** – With the multitude of pollutants that can spread throughout your indoor air, you need an active process to combat them. PHI-PKG™ is designed to reduce these pollutants from the air we breathe every day.
- **Office and Workplace Applications** – Offices, hospitals, schools, fitness centers, assisted living facilities, warehouses, restaurants, and other places where large numbers of people congregate use our system to clean the indoor air for their employees and guests. Studies have shown that better air quality reduces absenteeism from work due to illness. They have also been linked to higher productivity.

TECHNICAL SPECS

Item #	PHI-PKG5-24V	PHI-PKG9-24V	PHI-PKG14-24V
HVAC Blower Size	250* to 1,200 CFM	1,200 to 3,000 CFM	3,000 to 8,000 CFM
Tonnage	Up to 3.5 ton	3.5 to 7.5 ton	7.5 and 20 ton
Dimensions	2.25"W x 10.5"L x 1.75"D	2.25"W x 13.5"L x 1.75"D	2.25"W x 18.5"L x 1.75"D
Ship Wt.	1 lb.	1 lb.	2 lb.
*Install unit in conjunction with an HVAC system utilizing a minimum air volume of 250 cfm.			
Replacement Cell Part #	PHIC-5PKG	PHIC-9PKG	PHIC-14PKG
Description	Package PHI Cell 5"	Package PHI Cell 9"	Package PHI Cell 14"
Technology	PHI-CELL® *RGF Proprietary Catalyst and UVC Lamp		
Recommended Cell Replacement	18,000 – 25,000 hrs.		
Volts	24 VAC		
Amps	0.48 A		
Watts	11 W		
Tonnage	Up to 20 tons		
CFM's	250 – 8,000		
Installation	Air handler cabinet / magnetic mount		
Material	Aluminum		
Dimensions	2.25" W x 10.5" L x 1.75" D		
Warranty	2 years ballast / 2 years cell (U.S. only)		
Hydro-Peroxides	<.02 PPM		