



## ACTIVE AIR PURIFICATION SYSTEM



# ACTIVE AIR PURIFICATION

with PHI technology

## KEEP YOUR CREW SAFE.

Designed with advanced Photohydroionization® (PHI Cell) and UV technology, the Active Air Purification System kills 99% of pathogens, including the virus which causes COVID-19, in the air and on surfaces delivering better air quality and a safer cab environment for your crew.

- Kills 99% of germs, microbes, viruses, and bacteria in the air and on surfaces \*
- Proven reduction in sneeze germs by 99% within three feet
- Proven efficiency on microbes (3rd party tested on H1N1, Avian Flu, sneeze test)
- Proven impact on odor reduction

### Advantages.

- Sanitizes air and surfaces
- Safe for all passengers
- Lowers overhead cost of traditional disinfectants
- Millions in service globally

### Advanced Technology.

The system utilizes active technology to distribute  $H_2O_2$  which sanitizes the occupied space and requires no operator or application.

### Reduce your crew's exposure.

**Retrofit your fleet, add to a new truck order, or install in your fire station.**

For more information contact REV Fire Parts.

\* Active Air Purification helps mitigate infection risk but should be used in conjunction with procedures in compliance with NFPA 1581 Standard on Fire Department Infection Control Program or equivalent department policy. This device does not claim to treat or reduce fire ground contaminants.

[firetruckparts.com](http://firetruckparts.com)

# ACTIVE AIR PURIFICATION

**Compact design** allows for flexible placement of the system inside the cab.

**Safe levels** of naturally occurring hydroperoxides increase the air quality creating a cleaner environment for your equipment and your crew and without damaging interior surfaces.



**Stainless steel housing** structure provides durable casing for the system.

## WHAT IS PHI CELL® OR PHOTOHYDROIONIZATION®?

Photohydroionization® is an advanced oxidation technology that minimizes pollutants in the air through a broad-spectrum, high intensity UV light. Low doses of airborne hydroperoxide (H<sub>2</sub>O<sub>2</sub>) are generated and revert back to oxygen and hydrogen once they come in contact with and eliminate bacteria, creating a safer and cleaner cab environment.

### 3rd Party Tested

The system has been third party tested to validate the safety, durability, and performance.

- ✓ H<sub>2</sub>O<sub>2</sub> production below OSHA standards
- ✓ Removal of air and surface bacteria tested
- ✓ Ozone creation below OSHA exposure standards
- ✓ Shock and vibration tested

## SPECIFICATIONS

Dimensions	<b>16.1" L x 5.5" W x 6.4" H</b>
Electrical	<b>120V AC or 12V DC</b>
Weight	<b>5 lbs.</b>
Material	<b>Stainless steel</b>
Location	<b>Various mounting positions</b>
Service	<b>Replace bulb annually</b>
Retrofittable	<b>Yes</b>

An optional AC controlled power module is available on 12V systems to assist in wiring the system into the truck.

