

# HALO-LED™

## With REME-LED™ Technology Whole Home Air Purification System

### FEATURES

- Mercury and ozone free
- Seven-year limited warranty
- Long-life replaceable LED cell module with 2.5x longer life than current mercury vapor UV lamp technologies
- Eliminates VOCs 2x faster than previous REME® models
- Industry's first washable catalyst enhanced with zinc for high load environments (ie. cigar bars, smoking rooms)
- Reduces airborne and surface microbials, bacteria, viruses, and mold
- Reduction of smoke, odors, VOCs, allergens, dust, and particulates



Approved for sale in California



### TECHNOLOGIES

- New REME-LED™ technology utilizing RGF's patented PHI and REME® technologies providing superior indoor air purification
- New hybrid hydrophilic catalyst incorporating the industry's first washable ceramic catalyst
- Includes automatic self-cleaning ionizers with carbon fiber brushes to reduce particulates (patent pending)
- Unlimited cycling capability designed to turn on/off with the HVAC system
- 24 VAC/DC input (24 VAC transformer included)

The all new HALO-LED™ is the industry's first LED in-duct, whole home air purification system that is both mercury free and zero ozone compliant. The HALO-LED™ proactively treats every cubic inch of air conditioned space, thereby reducing airborne and surface contaminants and pollutants. By combining REME-LED™ UV technology along with RGF's proven PHI-CELL® and REME® technologies, the HALO-LED™ provides revolutionary indoor air purification.



LED UV



Long Life  
Cell



Hybrid  
Catalyst



H<sub>2</sub>O<sub>2</sub>



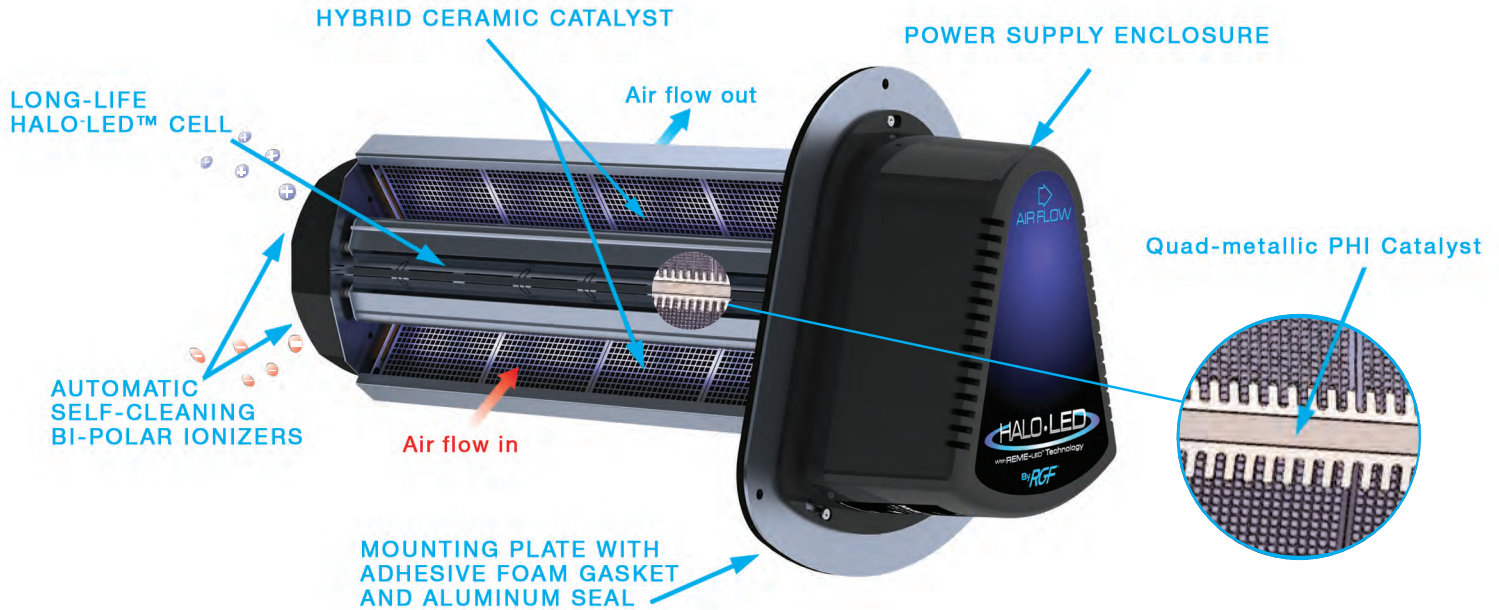
Ionization

**7YR**  
LIMITED  
WARRANTY

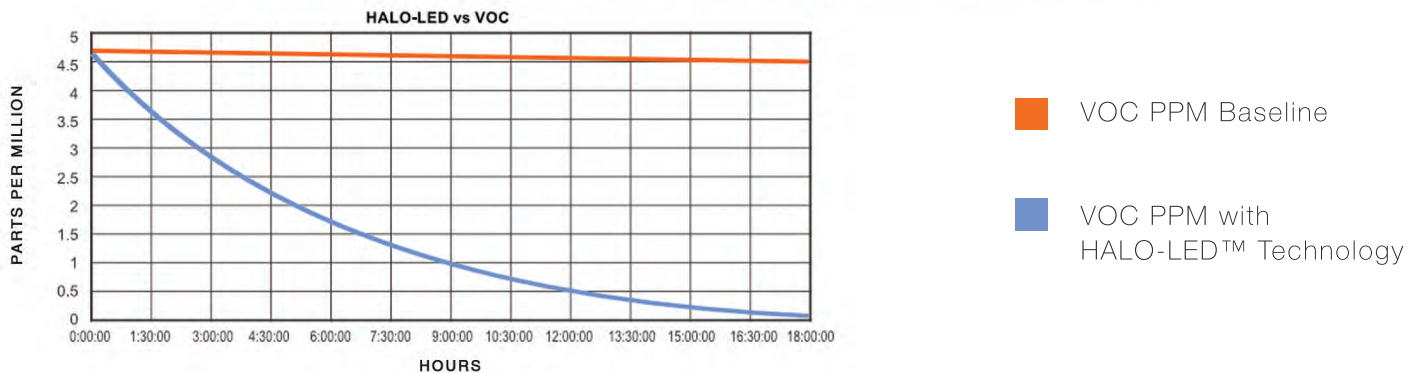
**4YR**  
CELL  
WARRANTY



# HALO-LED™ Whole Home Air Purification System



**Notice to Installer:** This unit must be wired in series with the blower to cycle on/off with the blower. This installation is required in order to be in compliance with new safety standards and to ensure maximum energy efficiency and LED module service life.



ITEM#	HVAC Blower Size	REPLACEMENT CELL	ELECTRICAL	DIMENSIONS	SHIP WT.
REME-LED	250 to 6,500 CFM	PHIC-REME-LED	24 VAC/DC 0.7 Amps 17 Watts *Transformer included in box	11" probe / 6.5" x 7.5" plate	6 lbs.

**7YR  
LIMITED  
WARRANTY**



EPA Registration No. 067400-FL-001



**RGF®**  
ENVIRONMENTAL GROUP, INC.

DIVISIONS

**RGF**  
ENVIRONMENTAL SYSTEMS

**AFC**

**RGF-BioControls**

**Element Air™**

**RGF China Division**

**RGF MARINE**  
ENVIRONMENTAL TECHNOLOGIES

ISO 9001:2015 CERTIFIED COMPANY

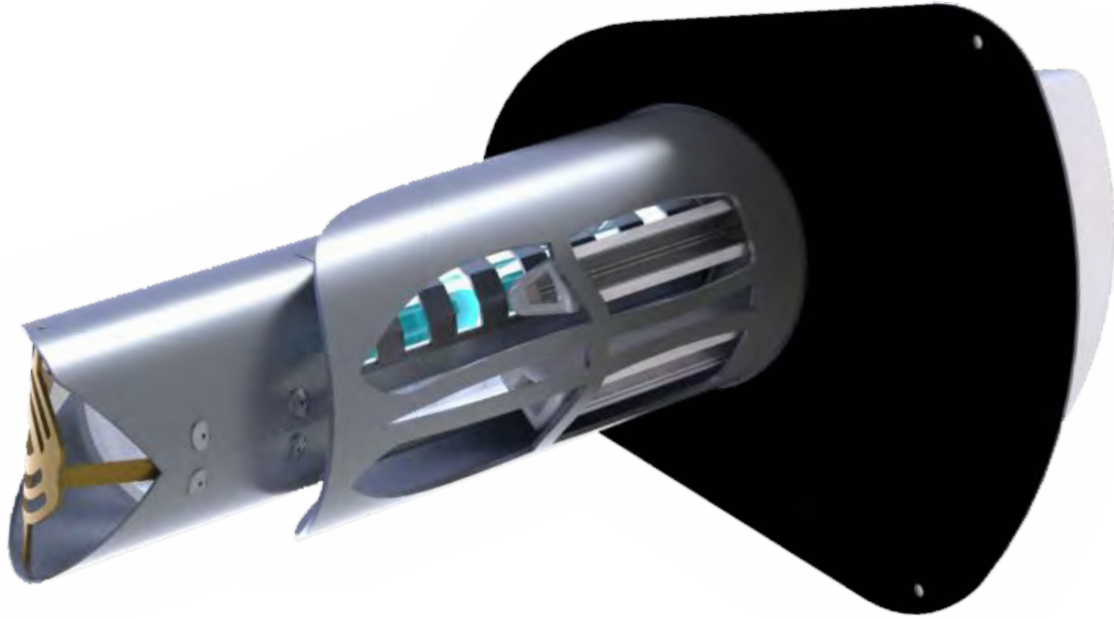
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Doc# SPEC-0540 Rev D App LB

# REME • HALO®

By **RGF**®  
ENVIRONMENTAL GROUP, INC.

- **Increased Ionized Hydro-Peroxide Output**
- **New Enhanced Catalyst With Zinc For Faster Kill Rates**
- **Easier, Faster, No Tool Cell Replacement**



The REME HALO® by RGF® is the next generation of IAQ technology. RGF® has redesigned their REME HVAC unit with higher Ionized Hydro-peroxide output, which gives faster kill rates for microbes in the air as well as on surfaces. Also, this higher output drops more particulate from the air bringing relief to those who suffer from allergies and other respiratory issues.



#### **Quick Release Feature**

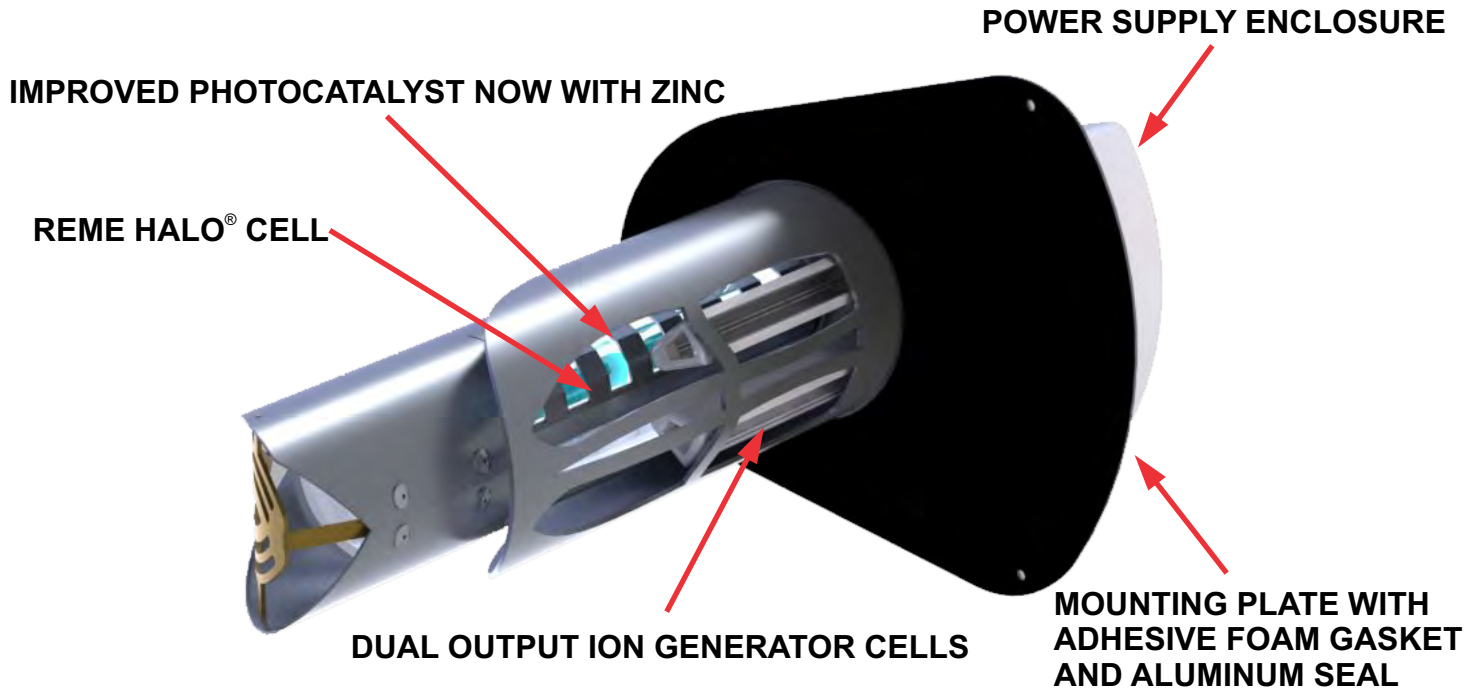
The REME HALO® now features a quick release design for easy removal of the housing to allow easy replacement of the REME cell.



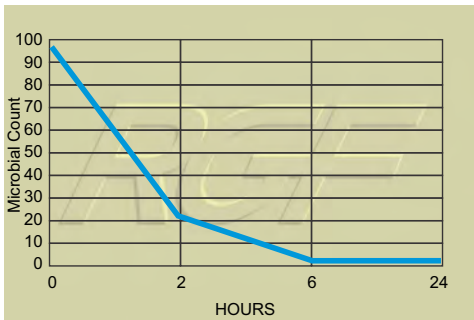
#### **Adjustable Output**

The REME HALO® incorporates an adjustable shroud, which allows the customization of the AOP output.

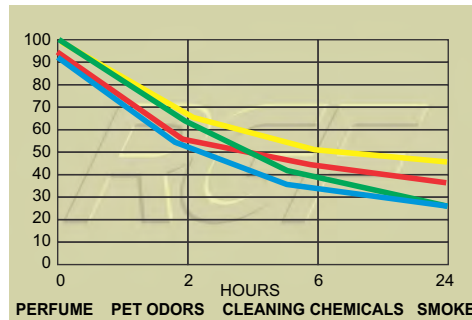
The REME HALO® by RGF® is designed to eliminate sick building syndrome risks by reducing odors, air pollutants, VOCs (chemical odors), smoke, mold, bacteria and viruses. The REME HALO® units are easily mounted into air conditioning and heating systems air ducts where most sick building problems start. When the HVAC system is in operation, the REME HALO® unit creates an Advanced Oxidation Plasma consisting of Ionized Hydro-peroxides, Super oxide ions and Hydroxide ions. All are friendly oxidizers. By friendly oxidizers, we mean oxidizers that revert back to oxygen and hydrogen after the oxidation of the pollutant.



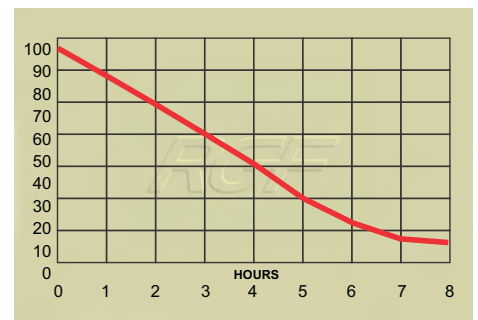
**MICROBIALS**



**ODORS**



**PARTICULATE**



### SPECIFICATIONS

•Hydroperoxide Ion distribution:	Distributed through air handler
•Super Oxide Ion distribution:	Distributed through air handler
•Hydroxide Ion distribution:	Distributed through air handler
•Installation:	Installed in HVAC duct or plenum
•Electrical:	24 VAC 0.7 Amps 17 Watts
•Materials:	Aluminum and Polymers
•REME Cell Replacement	Recommended after 25,000 hrs
•HVAC Blower Size	1,000 - 6,500 CFM



**RGF Environmental Group, Inc.**  
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Conforms to: UL 1598  
 CAN/CSA C222  
 EN60335-1, EN60335-2-65

