

INDOOR AIR PURIFICATION

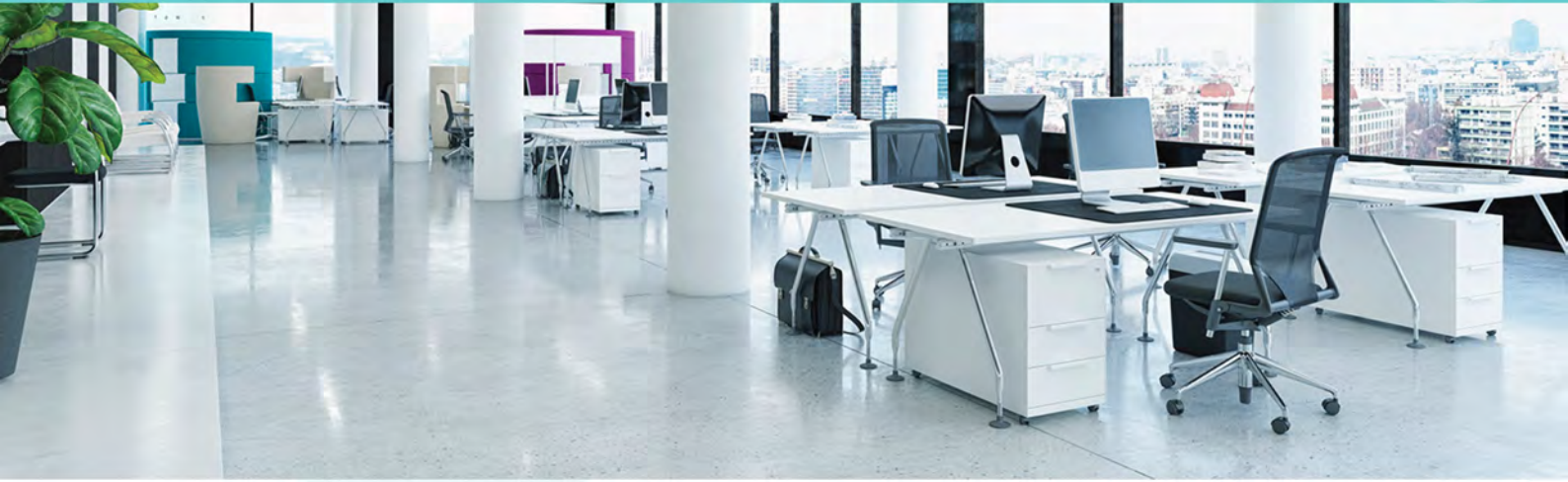


WE CAN HELP MAKE ANY SPACE SAFE

Used in small / medium / large sized commercial / residential premises

RGF
ENVIRONMENTAL GROUP, INC.
ISO 9001:2015 CERTIFIED COMPANY

SOLUTIONS TO MAKE YOUR ENVIRONMENT SAFER



WHAT IS ACTIVE AIR PURIFICATION?

- A process that breaks down and destroys viruses, bacteria, odours, VOCs and other organics and removes particulates
- Active air purification is effective in every cubic cm of indoor air and surface space simultaneously and continuously
- Interiors of buildings can host mould, bacteria, dust and other allergens. The REME HALO air purifier can kill up to 99.99% of mould, bacteria and even viruses. The system is designed to improve the air in your entire home by working with your current HVAC system. The REME HALO system works through a dual ionization process

HOW ACTIVE AIR PURIFICATION WORKS

- Active Air Purification creates an Advanced Oxidation Plasma. It's made up of ionised oxidisers that occur naturally in the Earth's atmosphere and are known as Mother Nature's cleaning agents
- The plasma flows from the unit through any space, destroying organic pollutants on contact, purifying interior air and all surfaces, nooks and crannies
- This active process works by sending out a steady stream of cleansing oxidisers that continuously purify rooms, buildings, houses, boats, planes and any interior space you can think of. Traditional passive technologies only purify the air inside a unit, which can be re-contaminated as soon as it leaves the unit

IS IT SAFE?

- The Photohydroionisation (PHI) technology used is a patented process that produces naturally occurring hydrogen peroxide molecules but in extremely low concentrations
- 98% below exposure limits. Originally developed in the 1990s, PHI has been installed in over 4 million products in over 60 countries around the world to date

IS IT APPROVED & CERTIFIED?

PHI products hold CE safety marks for medical devices in the UK/EU

Capable of reducing airborne and surface bacteria, viruses, odours, mould and VOCs

EW HALO[®] ROVE

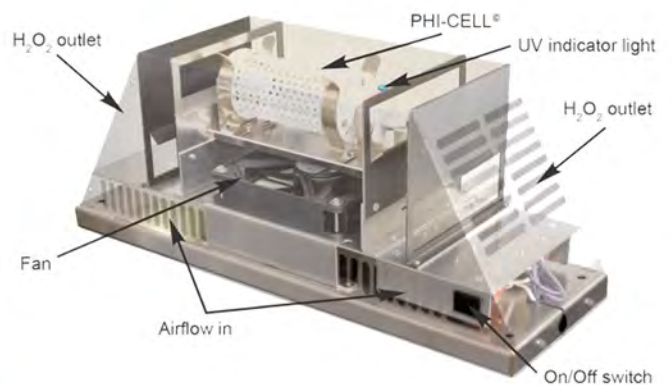
WALL MOUNTED, STANDALONE



HALO-ROVE™ is suitable for all sizes of naturally ventilated indoor spaces such as homes, offices, hotel rooms, classrooms, GP/dental offices, receptions/waiting areas, entrance halls, patient rooms, basements etc.

The HALO-ROVE™ utilizes RGF's patented Photohydroionization[®] (PHI-CELL[®]) technology to substantially reduce airborne and surface bacteria, viruses, odours, mould and VOCs (chemical odours). The HALO-ROVE™ is designed as a standalone, portable active air purifier capable of treating up to 1,000 square feet.

HALO-ROVE™ creates an advanced oxidation plasma comprising hydro-peroxides, superoxide ions and hydroxide ions which occur naturally in the Earth's atmosphere and are known as Mother Nature's natural, enviro-friendly cleaning agents. The plasma is distributed throughout every cubic cm of indoor space continuously breaking down and destroying organic pathogens and pollutants instantly on contact at the point of transmission thus purifying all the air and surfaces in the property at the same time. The process optimises energy efficiency, requires no user inputs, is virtually maintenance free save to change the cell every 2-3 years and is the most strategically effective air purification process that is safe available. It is impossible for any passive technology to work like this.



TECHNICAL SPECIFICATIONS

Model #	CAPS-CMTR-120-R
Volts	240v
Technology	PHI-CELL [®]
Replacement Cell Part #	PHIC-CAPS-CMTR
Recommended Cell Replacement	18,000 – 25,000hrs
Material	Stainless Steel
Watts	12w
Dimensions	6.25" h x 6.25" D x 18" w
Ship Weight	5lbs
Coverage Area	1,000ft ²
Warranty	1 Year (US only)



TYPICAL VIRUS AND BACTERIA KILLED



Staph



N1H1



Bird Flu



Norwalk



Listeria



MRSA



E.coli



Bacillus sp



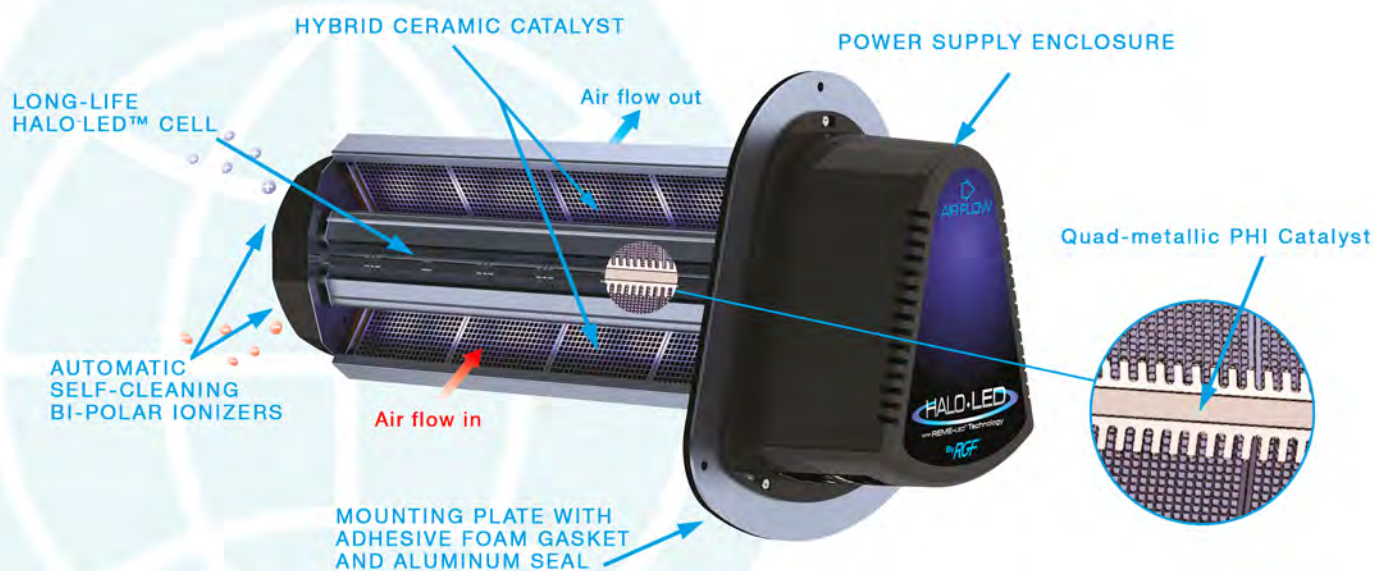
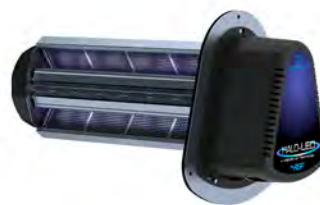
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EW REME® HALO-LED™

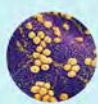
IN-DUCT PATENTED TECHNOLOGY



The all new HALO-LED™ is the industry's first in-duct LED whole building (home or commercial) air purification system that is both mercury free and zero ozone compliant. Designed to eliminate sick building syndrome risks by reducing odours, air pollutants, VOCs, smoke, mould, bacteria and viruses, the HALO-LED™ proactively treats every cubic cm of air and surface space thereby reducing and eliminating these contaminants and pollutants throughout the entire space. By combining REME-LED™ UV technology along with RGF's proven PHI-CELL™ and REME technologies, the HALO-LED™ provides revolutionary indoor air purification.



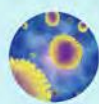
TYPICAL VIRUS AND BACTERIA KILLED



Staph



N1H1



Bird Flu



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Bacillus sp



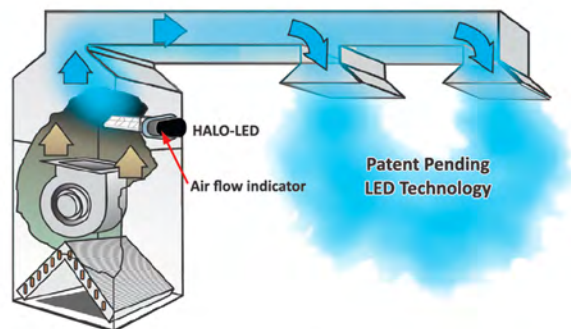
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EW REME® HALO-LED™

IN-DUCT PATENTED TECHNOLOGY

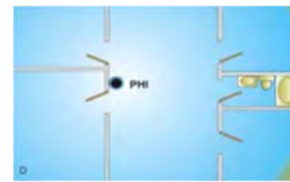
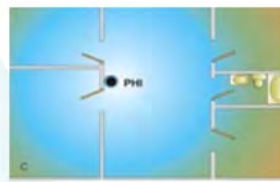
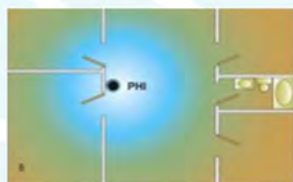
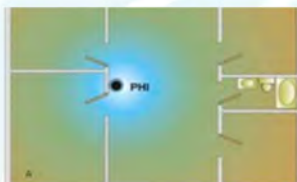


The REME HVAC in-duct air and surface purifier utilizes Reflective Electro Magnetic Energy technology. The unit is installed into the supply ductwork or distribution box/plenum of an HVAC system and creates an advanced oxidation plasma (AOP) comprising hydroperoxides, superoxide ions and hydroxide ions which occur naturally in the Earth's atmosphere and are known as Mother Nature's natural, enviro-friendly cleaning agents.

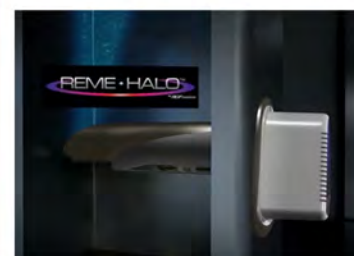
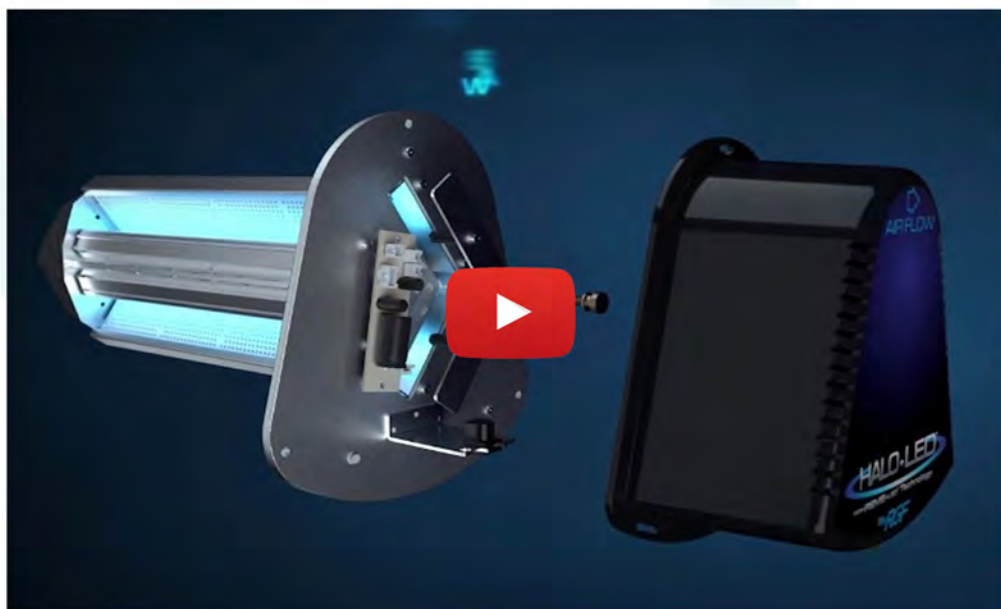


The AOP is enriched onto the airstream and distributed throughout the entire property breaking down and destroying organic pollutants everywhere on contact, thus purifying all the air and surfaces in the property at the same time.

Compared to traditional passive technologies which only purify the air inside a chamber which can be re-contaminated as soon as it leaves the unit, this integrated technology is far more strategically effective. Further, the charged plasma induces particles to coagulate or stick together making them bigger and easier for any filtration processes to catch.



The diagrams above show how REME Advanced Oxidation Plasma progressively distributes throughout an indoor space with a wall mounted unit. Note in-duct units leverage HVAC airflow which optimises distribution.



REME[®] ION[™]

AIR PURIFICATION SYSTEM



The REME ION[™] improves air quality in your home or office by efficiently reducing allergens, odour, mould, bacteria, and VOCs (airborne chemicals). Employing REME-LED[™] technology, advanced oxidation and ionization, the REME ION[™] quietly cleans the air you breathe.

REDUCES AIRBORNE

- Bacteria
- Mould
- Particulates
- Odours
- Smoke
- Viruses
- Microbials
- VOCs

FEATURES

- Plugs into existing outlets
- No wiring required
- Economical and portable
- Low maintenance
- REME-LED[™] Technology
- Ideal for small spaces
- Advanced catalyst
- Bi-polar ionization
- Washable filters
- Low power, long life
- Ultra quiet operation

TECHNICAL SPECIFICATIONS

Product Name	REMA LED Air Purifier
Dimensions	2.76* 2.76* 6.9
Product Weight	13.6oz
Electrical	12 VDC, 0.4A
Power Consumption	5 Watts
Treatment Area	200 sq.ft
Technology	REME-LED [™] , PHI, BIPOLAR AND UV LED

LED UV



Long Power
Long Life



Hybrid
Catalyst



Ionization



RGF[®]



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