

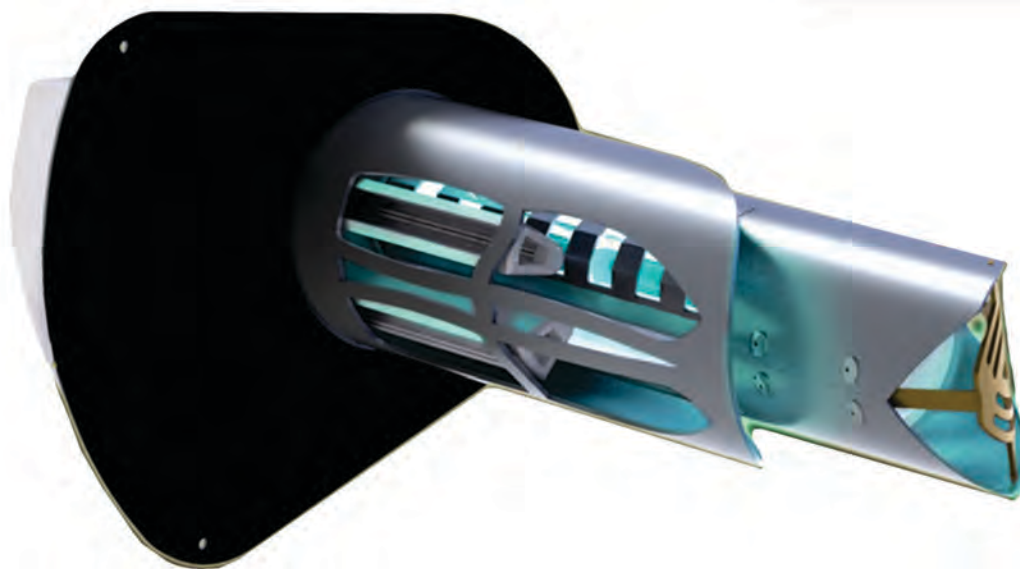
ElementAir™

A Division of RGF Environmental Group, Inc.

ELEMENT AIR™ IN-DUCT PLUS A Photohydroionization® (PHI) Technology

Reduces:

- Microbials
- Mold
- Bacteria
- Pathogens
- Odors/VOCs



Applications:

- Greenhouses
- Cultivation Rooms
- Large Harvest Rooms
- Processing Rooms

Most facilities do not check the air for microorganisms on a daily or monthly basis. Bacteria and mold can continuously breed within the environment and on plants. RGF® developed this air treatment system to provide continuous protection in sensitive air spaces.

Air passes through a REME®/PHI oxidation chamber, which destroys airborne microbes with high intensity UV light rays targeted on a quad-metallic compound. The process develops a highly charged atmosphere of hydroxyl radicals, hydro-peroxides and super oxide ions. This atmosphere oxidizes contaminants in the air with friendly oxidizers. By friendly oxidizers, we mean oxidizers that revert back to oxygen and hydrogen after the oxidation process. No chemical residue or dangerous compounds are emitted from the system. Airborne contaminants in the form of bacteria, mold, and yeast continue to be one of the least addressed issues in most facilities.



Ionization



H₂O₂



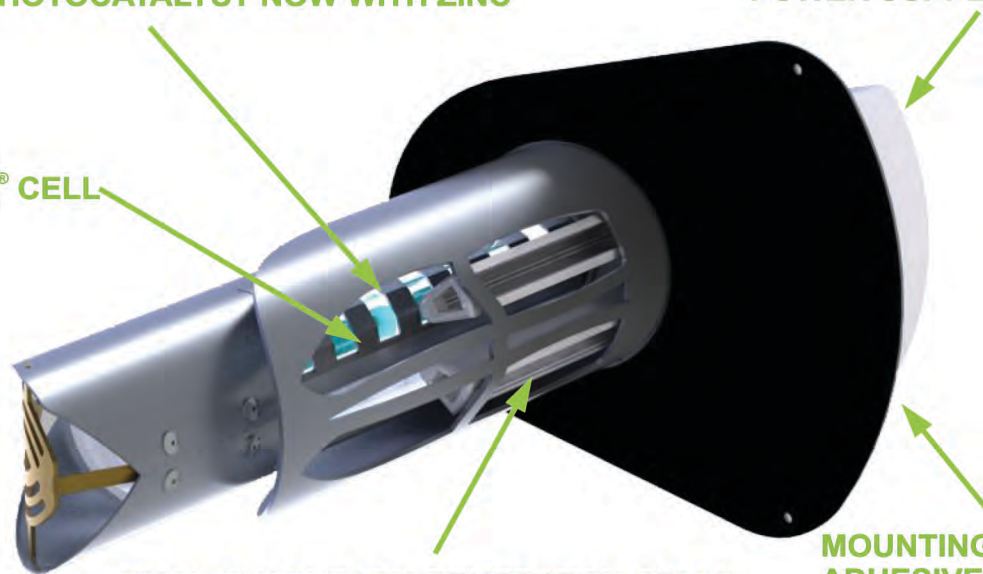
UV Light

Element Air™ In-Duct Plus

IMPROVED PHOTOCATALYST NOW WITH ZINC

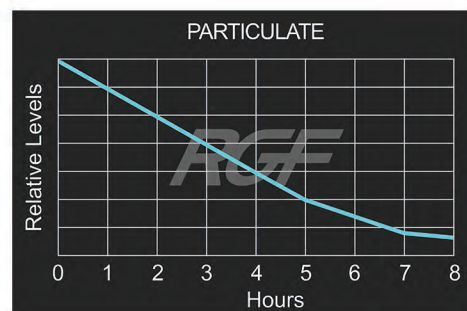
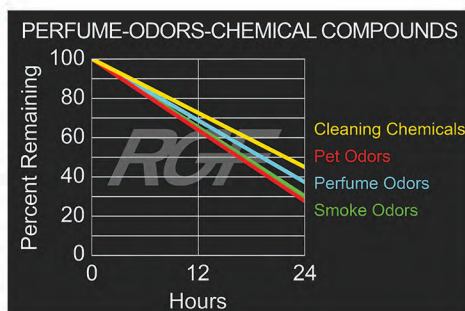
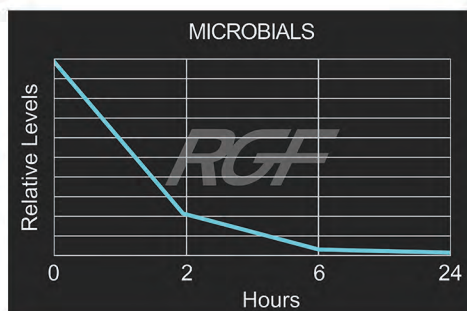
POWER SUPPLY ENCLOSURE

REME HALO® CELL



DUAL OUTPUT ION GENERATOR CELLS

MOUNTING PLATE WITH
ADHESIVE FOAM GASKET
AND ALUMINUM SEAL



Results from controlled laboratory testing. Results may vary depending on conditions of the environment.

ITEM#	REPLACEMENT CELL	ELECTRICAL	DIMENSIONS	SHIP WT.
EAIDPLUS	EAIDPLUS-RC (1)	24 VAC	12" probe / 6.5" x 7.5" plate	6 lbs.

RGF®
ENVIRONMENTAL GROUP, INC.

DIVISIONS

RGF®
ENVIRONMENTAL SYSTEMS

AST®

RGF-BioControls®

Element Air™

RGF China Division

RGF MARINE®
ENVIRONMENTAL TECHNOLOGIES

ISO 9001:2015 CERTIFIED COMPANY

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