BOS-HOX

By RGF

THE CLEAN AIR COMPANY

Proudly Distributed in Australia by The Clean Air Company (Master Distributors), a subsidiary of Airius Asia Pacific

AIRIUS Airflow Reinvented

Advanced Oxidation Process for Commercial Airborne Bacteria & Odour Destruction

- RGF has been an International leader in innovative environmental systems since 1985.
- Fully automatic, easy to use and install, versatile and portable.
- No costly and complicated chemicals
- Leaves no residue / operates unattended
- BOS uses Photohydroionization®, nature's natural deodoriser, environmentally friendly.
- Low power consumption, 110 or 220 volt
- Low maintenance - only one filter to clean yearly cell replacement
- 10,000 hours average Photohydroionization® Cell life
- Advanced Oxidation gases actually destroy odour molecules, it is not a cover-up
- Photohydroionization® destroys bacteria, mould, organic pollutants and odours

DESTROYS THE FOLLOWING AIRBORNE SUBSTANCES:

- Decomposing organics
- Smoke
- Mould & mildew
- Bacteria
- Algae
- Urine / faeces
- Chemical fumes
- Fungus
- Yeast
- Pollen
- Hydrocarbons
- Ketones
- Spores
- VOC's

UV-C LIGHT

H2O2

Ideal for use in:

LIFT STATIONS

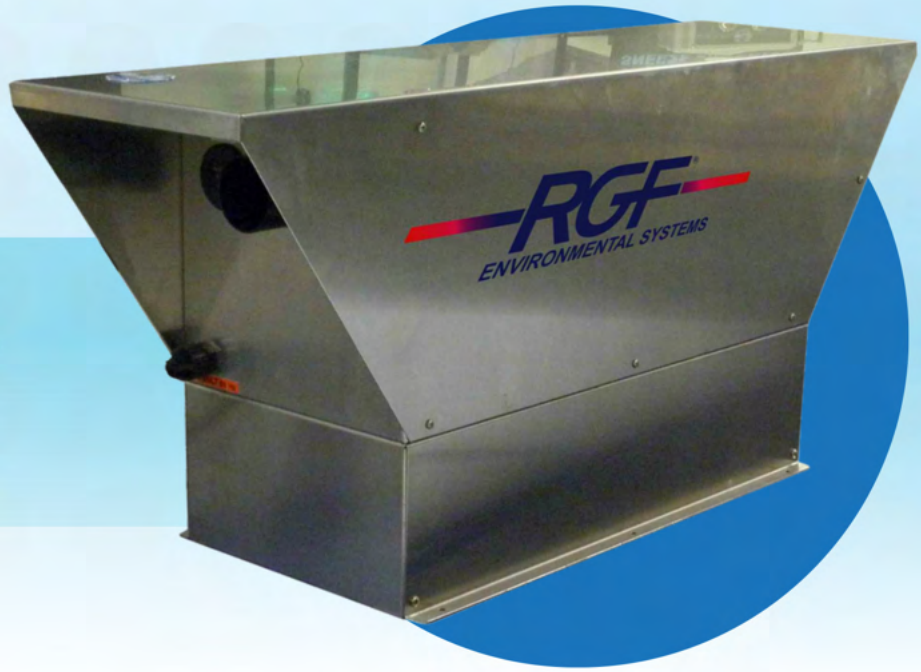
FOOD PROCESSING

NURSING HOMES

RESTAURANTS

DUMPSTERS

HOTELS



AIRIUS Airflow Reinvented

THE CLEAN AIR COMPANY

Airius Asia Pacific Pty Ltd | The Clean Air Company
PO Box 1812, Byron Bay, NSW 2481
Phone: 1300 985 552
Email: info@cleanairco.com.au
Website: www.airius.com.au | www.cleanairco.com.au

RGF ENVIRONMENTAL GROUP, INC.

Lab Results

Before and after bacteria samples application of BOS unit to commercial dumpster compactor

*Independent lab data available

Odour Reduction (Hydrogen Sulfide)

Outstanding Features

- No Costly Chemicals
- High Capacity Blower
- All stainless steel
- Low Maintenance
- Automatic Unattended Operation
- Reduces Fly Infestation
- Safety Service Cut Off Switch
- Reduces airborne bacteria
- Hour meter / On off indicator light
- Reduces liability
- Destroys Odours - Is Not a Cover Up
- Eliminates odours

Specifications

MODELS	BOS-HOX
VOLTAGE	220V 1.5 AMPS 50/60 HZ
WEIGHT	9KG
MATERIALS	STAINLESS STEEL
DIMENSIONS	380mm x 254mm x 457mm
HOSE	63mm DIA / 2438mm L
CONTROLS	ON/OFF HIGH/LOW (Six cells on high setting - three cells on low setting
FAN VOLUME	47 L/S
NUMBER OF PHI CELLS	SIX (6)
PHI CELL LIFE	APPROX. 10,000 HOURS
OXIDATION GASES	HYDRO PEROXIDES, OZONE, SUPER OXIDE IONS, OZONIDE IONS

Benefits

The Advanced Oxidation gas created by the RGF Photohydroionisation® Cell are safe environmentally friendly oxidisers that revert back to oxygen and hydrogen. The RGF-BOS utilises ozone to create hydroperoxides, oxide ions, ozonide ions and hydroxides.

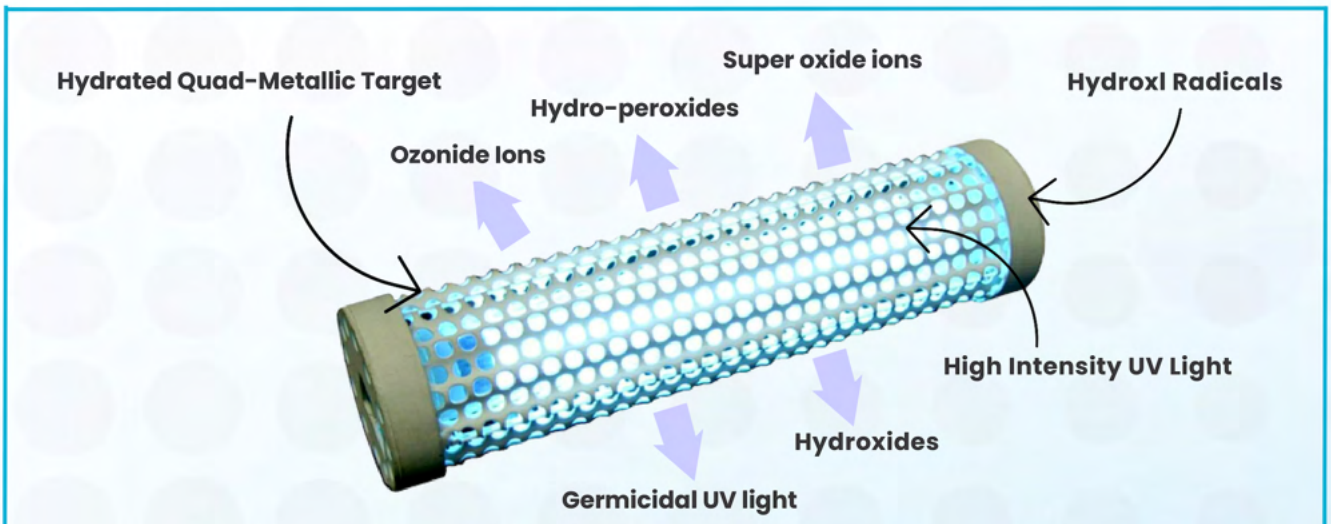
The ozone produced is a safe low concentration, produced by a targeted high intensity UV light technology. This method is far safer than the traditional ozone generators.

Targeted UV ozone generators do not produce nitric oxide gas or nitric acid and they have a very high efficiency rating. The additional oxidisers provides a broader range of applications and redundant oxidation gases.

RGF ENVIRONMENTAL GROUP, INC.

The Physics of RGF's Proprietary Photohydroionization®

A high intensity UV light targeted on a hydrated Quad-Metallic target in an ozone atmosphere thereby creating Ozone, Hydroperoxides, Super Oxide Ions, Hydroxides and Ozonide Ions. All are very aggressive friendly gaseous oxidisers. By friendly we mean oxidisers that revert back to oxygen and hydrogen after they oxidise the organics, bacteria, odour or gases.



RGF's Patented Photohydroionization® Cell

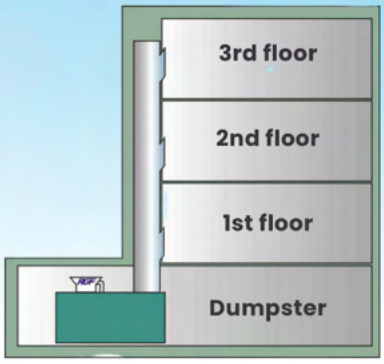
Applications

Dumpster / compactor odour & airborne bacteria control

Lift station odour & airborne bacteria control

Laundry storage rooms airborne bacteria & odour control

Waste / recycling storage rooms airborne bacteria & odour control



High rise trash drop airborne bacteria & odour control