RGF® ENVIRONMENTAL

Commercial Air Purification and Odor Destruction System

A Photohydroionization™ (PHI) Technology

Ideal for building managers, fire / flood restoration, hotel rooms, and apartments. Can be used to effectively treat most problem odor areas.

Model 1000

Order: TB1000-16

Model 7000

Order: TB7000-16

Patent Pending

THE RGF TURBOZONE LINE OF LOW COST ADVANCED OXIDATION/OZONE GENERATORS IS DESIGNED TO DESTROY, NOT COVER UP, THE FOLLOWING:

- Chemical Fumes
- Cleaning Chemical Odors
- Cooking Odors
- Decaying Organic Matter
- Fire & Smoke
- Garbage
- Hydrocarbons
- Mold & Mildew
- Paint
- Pet Odors
- Sewer Odors
- Volatile Organic Compounds

RGF'S PORTABLE, LIGHTWEIGHT MODELS ARE IDEAL FOR:

- Agriculture
- Airplanes
- Apartments/Condos
- Automobiles
- Buses
- Carpet Cleaning
- Dry Cleaners
- Dumpsters
- Fire & Flood Restoration
- Fitness Facilities
- Food Services
- Hotels/Motels/Resorts
- Janitorial Services
- Municipal Facilities
- Office Buildings
- Restaurants
- Schools & Universities
- Yachts & Boats

TURBOZONE® OUTSTANDING FEATURES

- RGF has been an international Leader in Innovative Environmental Systems since 1985
- Turbozone is EPA registered No. 67400-FL-001
- All units are maintenance free.
- Turbozone has a full 2 year parts and labor warranty. 1 year on cell.
- RGF will perform a free unit safety inspection.
- Leaves no chemical residue
- RGF offers a full ozone training manual.
- For high level non-occupied treatment.
- Helps control air pollution and sick building syndrome.
- Turbozone utilizes RGF proprietary Photohydroionization™ process which targets high intensity uv light on a hydrated quad-metallic target in an ozone atmosphere which creates hydro-peroxides, ozonide ions hydroxides and super oxide ions.
- Fully automatic, easy to use, versatile and portable.
- Operates unattended with built in timing device.
- Low power consumption, plugs into a 110V standard outlet.
- No costly and complicated chemicals or additives.
- All brushed stainless steel

Formula for Calculating Air Treatment Times
Calculate Area to be treated-
Square Ft. x Height of Room = Cubic Ft.
Cubic Ft. divided by Cubic Feet per Minute (CFM rating of unit)
Minutes divided by 60 = Hours to turn air in room over 1 time*

Example For Model 1000
10'L x 12' W x 8' H room =960 cu Ft
960 cu ft divided by 45 cfm = 21 min to turn room air over 1 time

***RGF suggests 3 turnovers of room volume for complete treat-**

The amount of time necessary to treat an area with advanced oxidation and ozone depends upon the temperature, humidity level and the amount of reactive substances (odors).

SPECIFICATIONS

	MODEL 1000	MODEL 7000
Fan Volume at Discharge	45 CFM	65 CFM
Ozone Concentration at Discharge	13.5 PPM *	45 PPM *
Ozone Output	1650 MG/Hr	10,880 MG/Hr
Weight	12 lbs.	36 lbs.
Dimensions	26"L x 13"W x 15"H	43"L x 13"W x 15"H
Target	Hydrated Tri-metalic	Hydrated Tri-metalic
Approximate UVChamber life	5,000 Hrs	5,000 Hrs
Voltage	110 volt	110 volt
Total Electrical	1.25 amp	2 amps
UV Chamber Electrical	.75 amp	1 amp
Fan Electrical	.5 amp	1 amp
Material/Finish	Stainless steel	Stainless steel
Controls	On/Off Light 12 Hour Timer	On/Off Light 12 Hour Timer
Ultraviolet Chamber	Electrically Excited Krypton Gas	Electrically Excited Krypton Gas
Replacement PHI Cell Part#	(2) PHIC-14HOA	(4) PHIC-36HOA

*Ozone output tested at 80 degrees F and 40% relative

Distributed By:

Large Industrial Systems Available

RGF Environmental Group, Inc.