

RGF[®]

ENVIRONMENTAL GROUP, INC.

Commercial Air Purification and Odor Destruction System **A Photohydroionization[®] (PHI) Technology**

Model 1000



Order: TB1000-16

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

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 treatment**

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-metallic	Hydrated Tri-metallic
Approximate UVChamber life	10,000 Hrs	10,000 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 humidity



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Large Industrial Systems Available