

# Operations Manual



## *Titan Hydroxyl Maximizer* Ultrasonic Cold Vapor Injector

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### ***For Your Records***

The serial number for this product is located on the back right bottom of the case. Write the model number, serial number and the original date of purchase in the spaces below for future reference for warranty or insurance purposes.

Product Name: ***Titan Hydroxyl Maximizer***  
Model Number: \_\_\_\_\_  
Serial Number: \_\_\_\_\_  
Purchase Date: \_\_\_\_\_

## Glossary

Bacteria	Disease causing microscopic organism.
BOD	Biological Oxygen Demand
CFM	Cubic Feet Per Minute
COD	Chemical Oxygen Demand
Corona	Arcing halo around an electrical discharge.
EPA	Environmental Protection Agency
Fungus Example = mushroom.	A plant without leaves, flowers or roots.
Germ	Disease causing microbe.
Half-life substance to decay.	The time it takes for half the atoms in a
Mildew environments.	A type of destructive fungus that grows in moist
Milligrams Per Hour	Amount of ozone produced, and measured by weight, by a given ozone generator under certain conditions.
Mold	A fungoid growth caused by dampness.
OSHA	Occupational Safety & Health Administration.
Oxidize	To transform a substance by changing its chemical structure. Fire and rust are forms of oxidation.
Ozone	A triatomic form of oxygen with a pungent odor.
PPM thousand gallon tanker truck is an example of one part per million.	Parts per million. One shot glass in a ten
RMA Number	Returned Merchandise Authorization Number
Virus	Disease causing sub-microscopic organisms.
VOC	Volatile organic compound.



## LIMITED WARRANTY Titan Hydroxyl Maximizer

**What the warranty covers:**

**International Ozone Technologies Group, Inc.** warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **International Ozone Technologies Group, Inc.** will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

**How long the warranty is effective:**

The **Titan Hydroxyl Maximizer** is warranted for one (1) years for all parts and one (1) year for all labor from the date of the first consumer purchase.

**Who the warranty protects:**

This warranty is valid only for the first consumer purchaser.

**What the warranty does not cover:**

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - b. Repair or attempted repair by anyone not authorized by **International Ozone Technologies Group, Inc.**
  - c. Any damage of the product due to shipment.
  - d. Removal or installation of the product.
  - e. Causes external to the product, such as electric power fluctuations or failure.
  - f. Use of supplies or parts not meeting **International Ozone Technologies Group, Inc.** specifications.
  - g. Normal wear and tear.
  - h. Any other cause which does not relate to a product defect.
  - i. Shipping & Handling to or from **International Ozone Technologies Group, Inc.**

3. Removal, installation, and set-up service charges.

**How to get service:**

1. For information on obtaining warranty service, call **International Ozone Technologies Group, Inc.** The customer support telephone numbers are: U.S. and Canada 1-877-406-9663. Internet address <http://www.internationalozone.com>
2. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product. Obtain a RMA# (Returned Merchandise Authorization) from **International Ozone Technologies Group, Inc.**
3. Take or ship the product prepaid in the original container to **International Ozone Technologies Group, Inc.** at **1100 SW 10th. Street, Ste J, Delray Beach, Florida 33444.**

**Limitation of implied warranties:**

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**Exclusion of damages:**

**International Ozone Technologies Group, Inc.'s** LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. **International Ozone Technologies Group, Inc.** SHALL NOT BE LIABLE FOR:

1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE



Description	Retail
Poly Container	\$24.55
Aluminum Frame	\$76.00
Ultrasonic Mist Head	\$95.00
Power Supply	\$60.00



## General Use Guidelines

Fill the Maximizer to the colored line with distilled water.

Set the Maximizer 6" to 12" behind the Titan Hydroxyl Generator.

Plug the Maximizer in.

The Maximizer holds enough water to run 24 hours a day for 3 to 4 days.

From time to time you may need to soak the ultrasonic puck in a calcium dissolving solution like CLR to remove any calcium deposits from hard water.

## Dimensions

**#HM-1**



## Trouble Shooting

<i>Problem</i>	<i>Possible Cause</i>
Unit does not turn on	Power Cord Not Plugged In Circuit Breaker In Building Tripped Faulty Power Outlet
Unit Keeps Tripping Circuit Breaker	Electrical Short Circuit

## Maintenance

Your **Titan Hydroxyl** Maximizer was engineered, designed and built to require very little maintenance. The only maintenance necessary to keep your **Maximizer** running at peak performance is to soak the ultrasonic puck in a calcium dissolving solution like CLR from time to time to remove any calcium deposits from hard water. If you ever feel that your **Titan** is not working as well as it did when it was new, call the factory for an RMA number and ship the unit back. We will inspect and diagnose the problem. If the equipment only needs adjustments or cleaning to bring it back into specifications we will gladly service and re-certify your equipment **free of charge**, you only pay shipping and handling.



## Specifications

<b>Model</b>	<b>HM-1</b>
<b>Size</b>	<b>12" x 10" x 10"</b>
<b>Weight</b>	<b>2 lbs.</b>
<b>Process</b>	<b>Ultrasonic Cold Vapor Fog Generator</b>
<b>Max. Treatment Area</b>	<b>40,000 Cu. Ft.</b>
<b>Volts / Amps</b>	<b>110 / 1</b>
<b>Hertz</b>	<b>50 / 60</b>
<b>Case Material</b>	<b>High Density Polyethylene &amp; Aluminum</b>
<b>Warranty</b>	<b>One Year Parts &amp; Labor</b>

## Applications for Titan's Use

Adult Day Care Centers & Nursing Homes  
Air Conditioning Contractors  
Apartment Complexes  
Auto Dealerships  
Auto Detailers  
Automobile Rentals  
Beauty Parlors & Nail Salons  
Bowling Alleys  
Bus Lines  
Business Opportunity  
Businesses  
Carpet Cleaners & Installers  
Chemical Supply  
Child Care Centers  
Cocktail Lounges & Bars  
Condominium Associations  
Country / Golf Clubs  
Cruise Ships  
Doctors, Dentist & Chiropractors and Medical Clinics  
Dry Cleaners  
Duct Cleaning Companies  
Equipment Rental Companies  
Fire & Water Damage Restoration  
Florists  
Funeral Homes  
Garbage/Dumpsters Rooms  
Grocery Stores, Meat Markets and Fish & Seafood Markets  
Health Clubs & Gyms  
Home Owners  
Hotels  
Insurance Companies  
Janitorial Companies  
Janitorial Supply  
Karate Studios  
Limousine Services  
Marinas / Boats  
Motorhome / Recreational Vehicle Rentals  
Movie Theaters  
Painting Contractors  
Pest Control Companies  
Police Departments  
Pool Supply Companies  
Print Shops  
Public Rest Rooms  
Realtors  
Restaurants  
Schools  
Sick Building Syndrome  
Trucking Companies  
Vegetable & Fruit Preservation  
Warehouse / Storage Facilities

