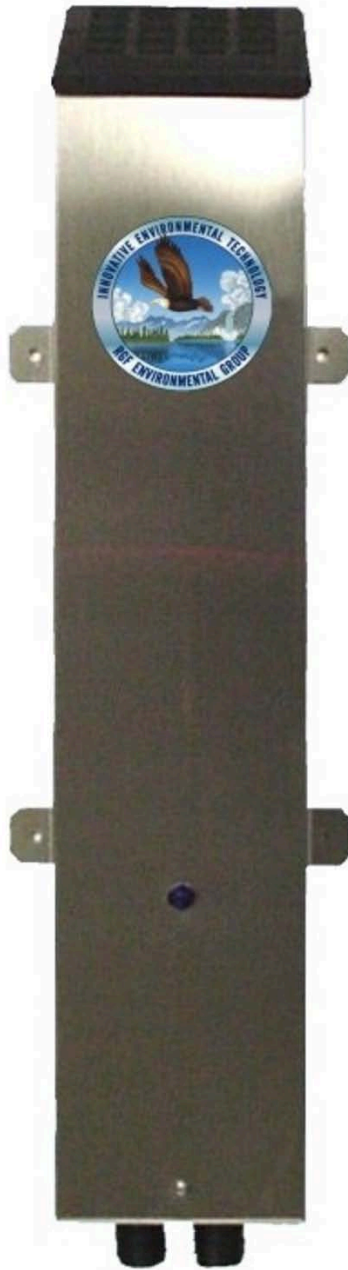


# **RGF**<sup>®</sup> *Guardian Air*<sup>™</sup> Ice

## **Ice Machine Sanitizer**



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## SAFETY PRECAUTIONS

The advanced Oxidation gases produced by the **Guardian Air Ice** are powerful oxidizer and must be used cautiously. All instructions, warnings and safety precautions set forth in this manual must be followed. The manufacturer will not be held liable for the consequences of any actions by the purchaser and/or applicator while using or applying the **Guardian Air Ice**. The following safety precautions should be followed:

- **DO NOT** operate the unit until thoroughly familiar with this Operations Manual.
- **DO NOT** look into or at the blue ultraviolet light.
- **DO NOT** use in an overheated or explosive atmosphere.

**NOTE: DO NOT USE UNIT IF POWER CORD IS DAMAGED.  
PLUG MUST BE ACCESSIBLE AT ALL TIMES.**

### WARNING

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ALL SAFETY PRECAUTIONS DESCRIBED IN THIS MANUAL MUST BE FOLLOWED, ALONG WITH COMMON SENSE. DO NOT ATTEMPT TO OPERATE THE GUARDIAN AIR ICE WITHOUT FIRST READING AND UNDERSTANDING ALL INFORMATION PROVIDED IN THIS MANUAL.

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Due to the variety of operational conditions and applications for these systems, the user, through his or her own analysis and testing, is solely responsible for making the final selection as to the type of system, and assuring that all performance, safety and warning requirements of the application are met.

1. Do not look directly into the unit, or directly at the blue ultraviolet (UV) light as this may cause permanent eye damage, or burns to your eyes or skin.
2. Do not use in an overheated (over 120° F.) or an explosive atmosphere.
3. Always use a GFI protected outlet in damp or wet locations.

## INSTALLATION INSTRUCTIONS

The **Guardian Air Ice** should be protected from extreme temperatures for longer product life. The **Guardian Air Ice** will operate best in dry, cool environments.

Manufacturer's Liability is limited to the operation of this equipment as per the Limited Warranty (see back of this manual). The Purchaser assumes all responsibility for any damages, which results from operation or negligence.

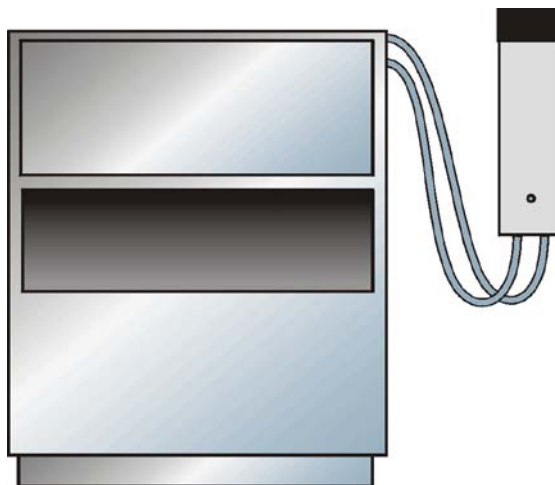
### Installation

The **Guardian Air Ice** unit is supplied with a switching power supply that will accept voltage from 110 to 240 volts. In accordance with the specifications of the National Electrical Code and for safety measures, a three-prong grounding plug is standard to the equipment. Do not, under any circumstances cut, remove or replace the electrical cord. RGF recommends use a GFI outlet.

Determine a suitable location to mount unit and plug transformer into a standard electrical outlet. Use appropriate fasteners to securely mount unit to wall near ice machine.

Connect the provided 3/4" flexible hose to the ice machine unit outlets. Drilling a hole into the ice machine is required. Be sure that there are no wires or plumbing on other side of drill area. RGF recommends taping a plastic bag to the inside of ice machine in the area of the penetrations to catch any metal or plastic particles. Caution must be taken to not penetrate the ice bin wall. Doing so may void factory warranty. Penetrations should be made through the back wall of unit. Once the penetration has been made one hose can be routed to enter the ice bin through the floor of the ice head compartment. After installation is complete RGF recommends the ice bin is emptied and cleaned to insure no contaminants are present.

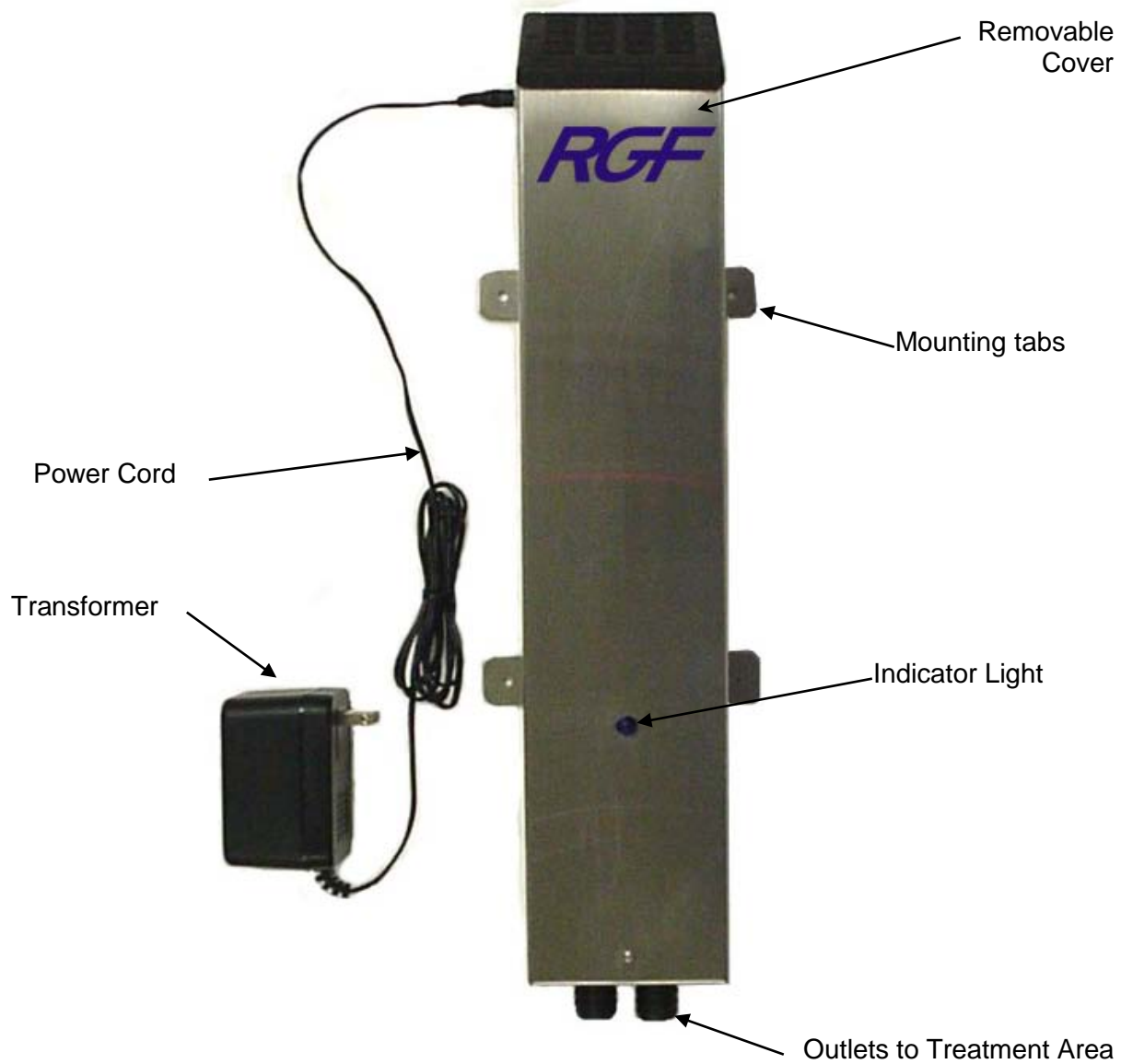
Turn equipment on. Equipment is designed to run 24 hours per day.



Typical Installation

**SPARE PARTS**

Item	Qty	Part Number
Replacement PHI Cell	1	PHIC-9A
Additional Hose	1	*****



**PHI CELL REPLACEMENT**

**ALWAYS BE SURE TO DISCONNECT POWER FROM UNIT BEFORE ATTEMPTING TO SERVICE UNIT**

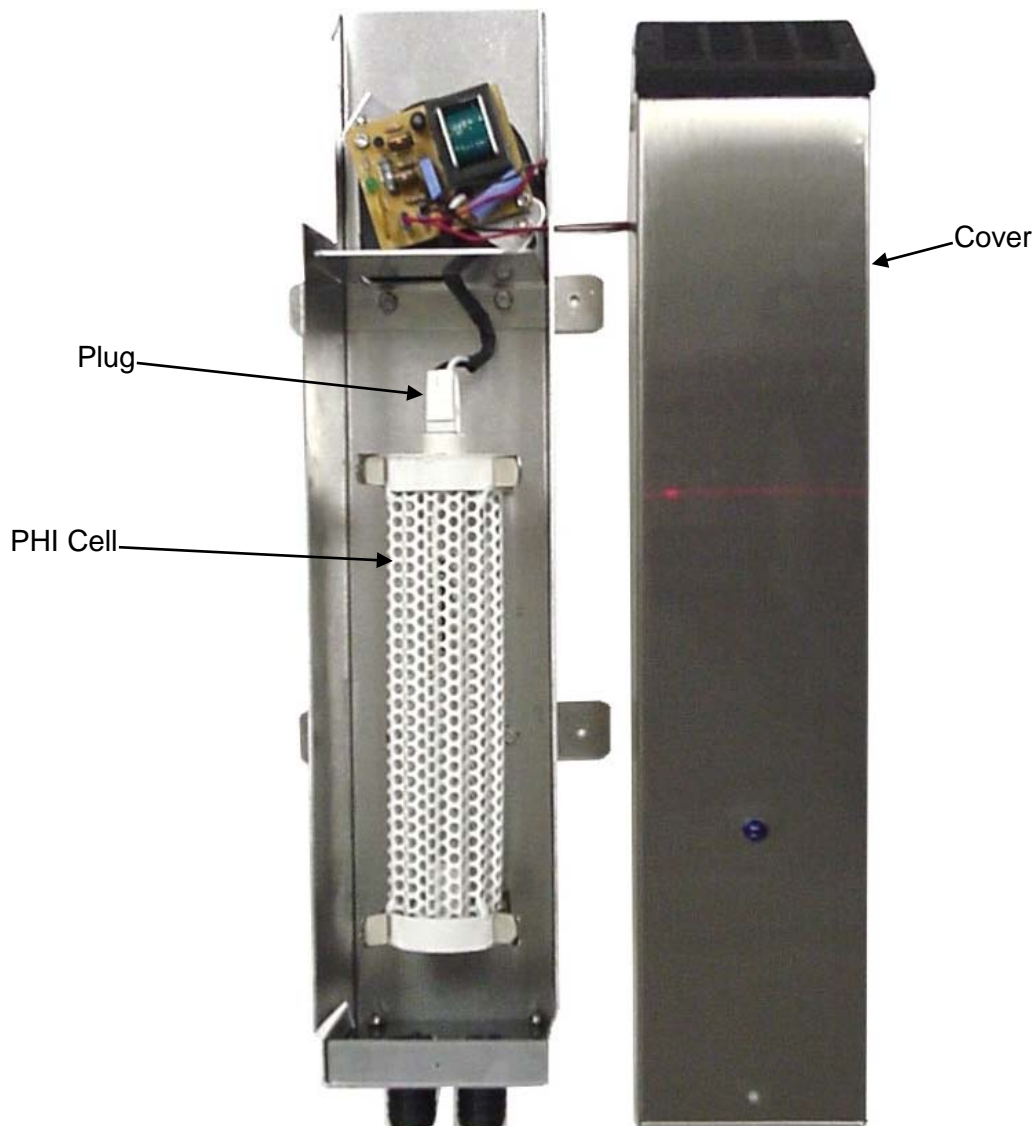
It is suggested the PHI Cell be replaced after 3 years of service to maintain peak performance. To replace the PHI Cell remove the three (3) screws on each side of unit and one (1) screw on front bottom of unit.

Remove cover.

Firmly grasp chassis of unit and remove PHI Cell from clips.

Remove plug from PHI Cell and replace with new cell.

Replace cover and screws.



## Guardian Air Ice

SYMPTOM	PROBABLE CAUSE	SOLUTION
MACHINE NOT OPERATING	PLUG NOT IN RECEPTACLE	RE-INSERT PLUG
	“HOUSE” POWER FUSE OR CIRCUIT BREAKER TRIPPED	REPLACE “HOUSE” FUSE OR RESET CIRCUIT BREAKER
LOW OR NO GAS OUTPUT	LOOSE ELECTRICAL CONNECTION	RETURN TO FACTORY FOR REPAIR
	FAN MOTOR NOT RUNNING	RETURN TO FACTORY FOR REPAIR
	BROKEN OR INOPERATIVE PHI CELL	REPLACE
	BLOCKED AIR PASSAGE	REMOVE OBSTRUCTION FROM AIR INTAKE – CLEAN AIR FILTER

### TROUBLE SHOOTING GUIDE

## **Guardian Air Ice LIMITED WARRANTY**

This warranty supersedes and replaces any warranty statements made orally by the Sales Person, Distributor, or Dealer, or contained within the written instructions or other Brochures or informational documents in relation to this product.

The Manufacturer warrants the new **Guardian Air Ice** equipment to be free from defects in material and workmanship under the normal use and service when operated and maintained in strict accordance with the manufacturer's instructions, for a period of twenty four (24) months from the date of receipt of equipment. **(For international orders twelve (12) months parts only. Shipping not included.)**

This Warranty is void if sealed **Guardian Air Ice** is opened or tampered with.

The Manufacturer's obligation under this warranty is limited to repairing or replacing any part found to its satisfaction to be so defective. This warranty does not cover parts damaged by action, humidity, moisture, or wear caused by abrasive materials, nor does it cover any damage resulting from misuse, abuse, accident, neglect, or any use other than its intended use, or from improper operation, maintenance, installation, modification or adjustments.

This warranty does not cover parts or equipment used with the **Guardian Air Ice** that are not made by The Manufacturer. These items are covered by warranties of the respective manufacturer. The Manufacturer will process the claim and install the part.

### **THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF**

To obtain warranty service and return authorization number, contact your supplier.

Include a copy of your Bill of Sale, Invoice or Receipt of Purchase, with an explanation of the problem or defect.

**Hg- LAMP CONTAINS MERCURY** Manage in accord with disposal laws. See: [www.lamprecycle.org](http://www.lamprecycle.org)



## LIMITED WARRANTY COMMON QUESTIONS

### How long is the warranty?

- For two (2) years from initial start up.

### How do I contact the Manufacturer about my warranty, a question or complaint?

- Your local Sales Representative may answer a question or complaint.
- If they cannot answer the warranty question or complaint, you can contact your local supplier and request the warranty department.

### Are there any parts not covered by this warranty (that the manufacturer will not repair or replace)?

- Yes. Parts damaged by decomposition from chemical action, humidity, moisture, or wear caused by abrasive materials. It does not cover damage resulting from misuse, abuse, or any other use other than its intended use. This warranty does not cover accident, neglect, or from improper operation, maintenance, installation, modification or adjustments.
- Parts not made by Manufacturer. However your supplier will process the claim with the other manufacturer.

### What do I do in the event the equipment is damaged in shipping?

- Immediately upon receipt of the unit, you as the purchaser should inspect the unit and test it to make sure it is operational.
- If there is visible damage to the equipment:
  1. Notify the carrier shipping office immediately and write on the Bill of Lading the visible damage or part(s), which are broken or missing.
  2. Call your local supplier immediately to specify the damage.
  3. The supplier should refund the unit at the suppliers cost.
  4. Your unit will be replaced or repaired as soon as possible.

**What if I find damage to the equipment after the carrier leaves?**

- Claims for concealed shipping damage must be reported to the carrier and a copy sent to your supplier in writing via telefax or certified U.S. Mail within fifteen (15) days from the date of delivery.

**Note:** Please take note that the carrier will not cover the damages if these steps are not adhered to.

**Steps to take when you have determined that your equipment is malfunctioning within the warranty period.**

- Call your distributor and notify them of the problem or malfunction. (It may be a simple problem or oversight with a simple solution – See Trouble Shooting Chart).
- If it is determined that a part is malfunctioning due to a defect, ship unit to your supplier or call supplier for other means of return. The Equipment Warranty Form should be completed and included.
- Your supplier will repair or exchange the defective unit with a working replacement.

**Things I should do to avoid problems or injuries when running my *GUARDIAN AIR* Equipment.**

- Read thoroughly and understand all Operating Instructions, Warnings and Precautions before commencing application.
- Place unit in a dry area when possible.

**What service can I expect from my distributor?**

- Your distributor will assist you with any problems or questions you may have.
- Sell you optional parts or equipment as needed.
- Assist you with any warranty problems and provide you with a Warranty Request Form (which is required when sending a warranty unit back to the manufacturer for repair or replacement).

**WARRANTY REQUEST FORM  
(INCOMPLETE FORMS WILL NOT BE PROCESSED!)**

RETURN AUTHORIZATION NO. \_\_\_\_\_

**CUSTOMER:**

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIPCODE \_\_\_\_\_

CONTACT \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

**DISTRIBUTOR:**

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIPCODE \_\_\_\_\_

CONTACT \_\_\_\_\_

PHONE \_\_\_\_\_

FAX \_\_\_\_\_

**UNIT:**

MODEL # \_\_\_\_\_

SERIAL # \_\_\_\_\_

INVOICE # \_\_\_\_\_

DATE OF PURCHASE \_\_\_\_\_

SERIAL # FOR EXCHANGE UNIT: \_\_\_\_\_

**ITEM(S) SUBMITTED FOR WARRANTY:**

1) \_\_\_\_\_

2) \_\_\_\_\_

**REASON(S) FOR RETURN:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**(FOR MANUFACTURER USE ONLY)**

DATE ITEM(S) RECEIVED: \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_

REPLACEMENT UNIT OR PART SENT

COMMENTS: \_\_\_\_\_

**NOTE: THIS COMPLETED FORM MUST ACCOMPANY ALL RETURNED ITEMS.**

SHIP TO:

RGF Environmental Group, Inc.

ATTN: CUSTOMER SERVICE DEPARTMENT

1101 West 13<sup>th</sup> Street Port of Palm Beach - Enterprise Zone

Riviera Beach, FL 33404 USA

Tel: (561) 848-1826 • (800) 842-7771 • Fax: (561) 848-1160