

## FOR THE RECORD

You should record the model and serial numbers, which can be found on the back of the unit, for future reference.

Model: XL-70 Pacifica Series

Date of Purchase: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Dealer Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Our commitment to excellence ensures that all products created for our customers are of the highest quality and delivered cost effectively.

Although ozone has been around for decades, it took the innovative technology of Aqua Sun Ozone International to create products that are perfectly adapted to today's residential, commercial, recreational and environmental needs.

Aqua Sun Ozone International was founded in early 1994, specializing in the manufacturing and marketing of ozone air and water purification systems.

Although based in the United States, we distribute our solutions globally. Our purpose is to ensure that cost effective ozone solutions are available in all markets around the world.



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READ AND SAVE THESE INSTRUCTIONS


## XL-70

- ◆ KEEP YOUR SPA CRYSTAL CLEAR WITH LESS HARSH CHEMICALS
- ◆ KEEP ALGAE AT BAY WHILE HELPING TO PROTECT THE PLANET


### HIGH-OUTPUT OZONE PURIFICATION SYSTEM INSTALLATION, INSTRUCTION & OPERATOR'S GUIDE

#### READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BELOW


##### **DANGER! Risk of Electrical Shock or Death!**

-  ALWAYS turn off the water supply and disconnect power to spa before removing ozone generator for service. Failure to do so could result in severe injury or death.
- NEVER install this device yourself. This device must be installed by a qualified service professional or electrician.
- NEVER operate unit if cover is missing, tubing is disconnected and/or bonding wires are disconnected.
- NEVER submerge device in water.
- NEVER use product with damaged power cord.
- NEVER allow children to use this product.
- NEVER mount product to spa exterior.
- NEVER apply power to unit if hose(s) are not attached.
- ALWAYS connect power cables securely to the control box only.


##### **CAUTION: Risk of Electrical Shock or Fire!**

-  To Reduce the risk of electrical shock or fire, do not attempt home repair (no user serviceable parts are inside) Repair should be done only by Authorized service personnel.

##### **CAUTION: Risk of Personal Injury!**

-  NEVER breathe in or ingest the nitric acid crystals for any reason. Crystals from nitric acid can accumulate in the air lines of the spa ozonator. Wear protective gear when working on the ozonator. Nitric acid will cause chemical burns on skin, if unprotected.
- NEVER blow into the spa ozonator or connected plumbing for any reason.
- NEVER inhale concentrated ozone gas produced by this device for any reason since it can cause serious harmful effects.
- NEVER place tubing connected to this unit in your mouth for any reason.

##### **SAFETY: Product Safety Agency Ratings**

-  This Ozone Generator has been tested and designed for safety and given the UL and CE Certification. If properly installed, ozone performs its oxidizing function and separates before off gassing.

**Only use the Ozone Generator in properly plumbed spa models.**

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## XL-70 Specifications

- ◆ Ozone output: 50mg/hr
- ◆ Power Input: 100V - 240V Internal Universal Power Supply
- ◆ Dimensions: (L) 4.75" (W) 4" (H) 1.75"
- ◆ Weight: 1.24 lbs.
- ◆ Air Inlet: Filtered Ambient Air
- ◆ Ozone LED (green illumination indicates ozone production)

## Features

- ◆ UL/CE Certified
- ◆ Water resistant
- ◆ Ozone-resistant components
- ◆ Solid-state electronics encased in epoxy
- ◆ Simple installation (mounted with 2 screws)
- ◆ Long-life and safe operation
- ◆ Small, compact design & quiet operation



## Instructions for Installation

### TOOLS AND PARTS REQUIRED FOR INSTALLATION:

1. Drill with a Phillips head bit (not included)
2. Hose cutter/knife (not included)

#### 1.

### OZONE COMPONENTS:

1. Ozone Generator with power cord
2. Installation Instructions and Operator's Guide
3. Check Valve (not included)
4. PVC tubing (not included)

## **NOTE: Read all instructions before installation.**

### **INSTALLATION:**

1. Turn off power to Spa.
2. Install the Ozone Generator utilizing mounting screws (not supplied) and fasten the Unit to the wall of the Spa in the equipment bay.
3. Measure and Cut 5" PVC tubing. Connect one end of PVC tubing to stainless steel output barb at bottom of ozone generator. Connect Check valve to the other end of PVC tubing.
4. Measure and Cut 5' PVC tubing. Connect this piece of tubing to the other end of the check valve. Loop PVC tubing over water line to create a Hartford Loop.
5. Connect the end of this piece of PVC tubing to injector or ozone jet.

Flow Diagram (left to right)

Ozone generator ⇒ tubing ⇒ check valve ⇒ tubing (loop) ⇒ injector or jet

### **CONNECTING OZONE GENERATOR TO CONTROL BOX:**

Install the Unit's power supply cord into the designated place in the Spa control box. *NOTE:* If the power cord plug does not fit the control box receptacle, contact your spa dealer for proper plug configuration.

**WARNING:** Never try to stick bare wires into a controller box.

***IMPORTANT:*** Position the ozone generator wires as far away as possible from other spa wires. This will eliminate static and radio interference.

### **COMPLETING INSTALLATION:**

1. Turn-on spa power
2. Check for water leaks
3. Check for illumination of green LED at bottom of ozone generator
4. Note small bubbles in Spa when in recirculation mode

The Ozone Generator greatly enhances the water quality in your spa. However, it is suggested that spa owners monitor pH level, total alkalinity, sanitation, and calcium hardness routinely. Change filters as recommended by Spa owners manual.

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