



## INSTALLATION INSTRUCTIONS FOR BALBOA OZONE GENERATORS



**WARNING! Shock Hazard! No User Serviceable Parts.** Do not attempt service of this ozone generator. Contact your dealer or service organization for assistance. Follow all owner's manual instructions. Installation must be performed by a licensed electrician. Installation must be in compliance with all state, national, and local building & electrical codes. No usable parts inside.



### WARNINGS!

1. This appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
2. Children being supervised not to play with the appliance.
3. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
4. This appliance must be inaccessible to a person in the bath.
5. This appliance must be located or fixed so that they cannot fall into the bath.
6. The cord cannot be replaced. If the cord is damaged the appliance should be scrapped.



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## OEM Installation Instructions

The effectiveness of the ozone generator is dependent on the design delivery system per each manufacturer. It is the responsibility of the installer to follow the installation procedures set forth by the manufacturer. Failure to do so will void the warranty. Diagram 1 shows the basic layout recommended for the installation of Balboa's Ozone Generator



**WARNING:** Ozone Generator must be powered ONLY to RATED VOLTAGE specified on the product label. Failure to do so may cause damage to the unit and will void the warranty.



1. Turn OFF all power.
2. Mounting: This unit has two mounting tabs with holes. Use 2x screws to bolt the unit to tub's wooden frame.
3. Install one end of the hose to the ozone output barb on the unit and secure with a clamp. Check the tightness of the connection with a 50N pull force test. Loop the hose into a "Hartford Loop" and have the upper part of the loops positioned above the water line level as shown. Failure to do so could result in water intrusion, which is not covered by the warranty. Attach the hose to the ozone injector fitting on the spa plumbing. Install the check valve so that the arrow points in the direction of air flow from the generator to the ozone injector (Diagram 1).

**Note:** If you do not properly install the check valve, the air flow will be blocked from going into the spa/pool and will not perform the ozonation process.

**Note:** Air flow must be 2L/hour minimum for proper check valve operation.

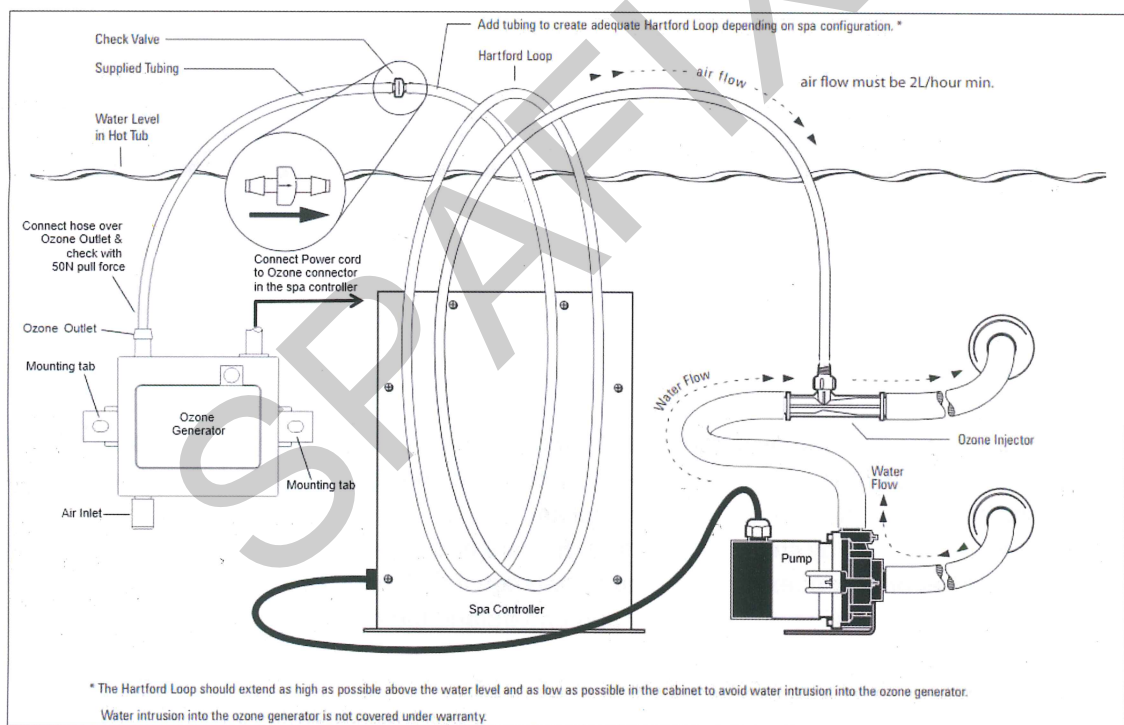



Diagram 1

4. Power up the system and briefly run the filtration pump. Place your finger over the end of the hose near the check valve. You should feel a slight suction. If not, check for hose kinks, hose obstructions, and that the check valve is in the proper direction. When suction is obtained, attach the hose from the generator to the barbed output of the ozone generator.
5.  **Power OFF the control system.** Connect the power cord of the unit to ozone connector in the spa controller system that is marked for Ozone. (Follow the system's wiring diagram for the proper location.)
6. Turn the system power back on and run the pump. Confirm that the LED light on the ozone generator is ON.
7. Complete installation.