



Installation Instructions for Balboa's CD Cartridge Ozone Generator CD Chip Ozone Generator with Universal Input Power



O₃zone™ by Balboa is a reliable and flexible system designed to generate ozone for your pool or spa. It has Universal Auto-range Voltage that can operate with any input voltage (110-240 VAC and 50/60 Hz).

Warning! Shock Hazard! No User Serviceable Parts. Do not attempt service of this ozonator. Contact your dealer or service organization for assistance. Follow all owners 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.

ISO 9001 Certified



Certificate no. 900854



OEM installation

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 2 shows the basic layout recommended for the installation of Balboa's Ozone Generator.

1. Turn off all power.
2. 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 2).

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.

3. 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.

4. Turn off the control system and hook the power cable to the control system marked for Ozone. (Follow the system's wiring diagram for the proper location.)

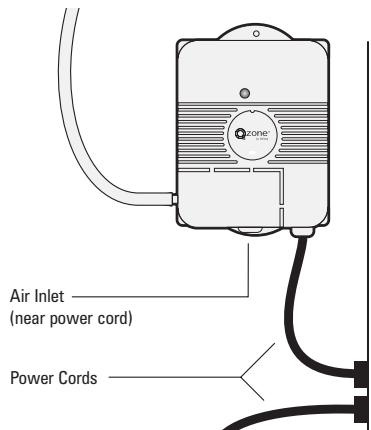
5. Turn the system power back on and run the pump. Confirm that the light in the Ozone window is ON.

FOR REPLACEMENT (System with AMP connector on the outside of the box)

1. Follow the above steps (1-4).
2. Uncover the controller box. Match the wires' output of the ozone AMP connector mark on the outside of the box with the AMP connector provided with the ozone generator. Refer to Diagram 3.
3. Insert the wire. You will feel it "click" into position when it is seated. A slight tug on the wire is all that's needed to be sure that the terminal is seated.
4. Mate the AMP connector and power up the spa. Make sure that you are in filtration cycle and confirm that the light on the ozone generator window is on.

Both diagrams, Diagrams 1 & 2, show that the ozone generators must be mounted with their inlets facing down. As shown (right), the chip generator outlet will be pointing to the left once installed.

Diagram 1



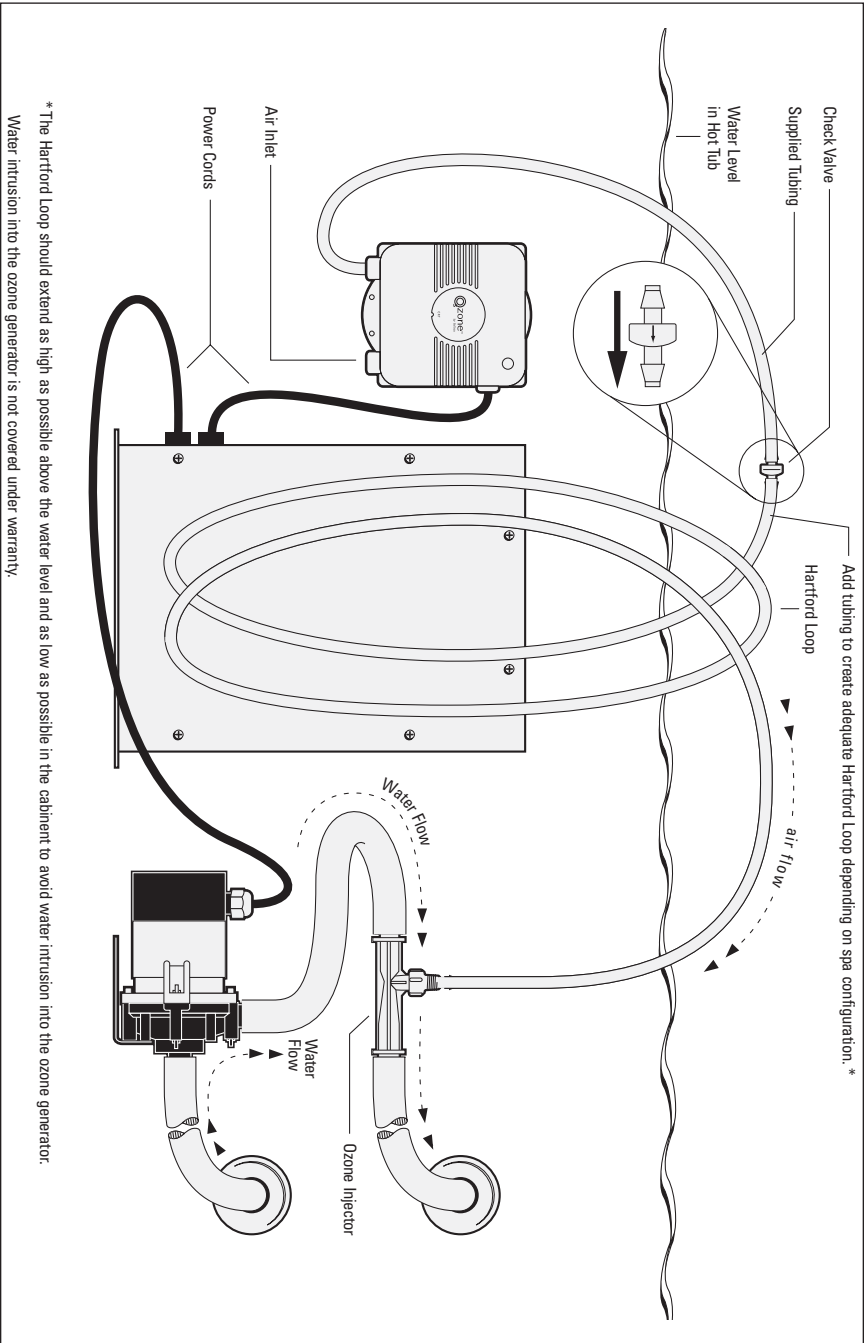


Diagram 2

This unit is shipped with the wiring as shown. 110V or 240V can be applied to the black and white wires. To match alignment of the white wire of the ozone generator connector with the controller box connector, the white wire can be moved. Refer to Step 2 under "FOR REPLACEMENT".

