



# INSTALLATION INSTRUCTIONS

## VIAN Long Life Ozone

Model: FQT-124 Voltage: 220- 240V~

Frequency: 50/60Hz

Power: 4W



VIAN Long Life Ozone is a reliable and universal 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).

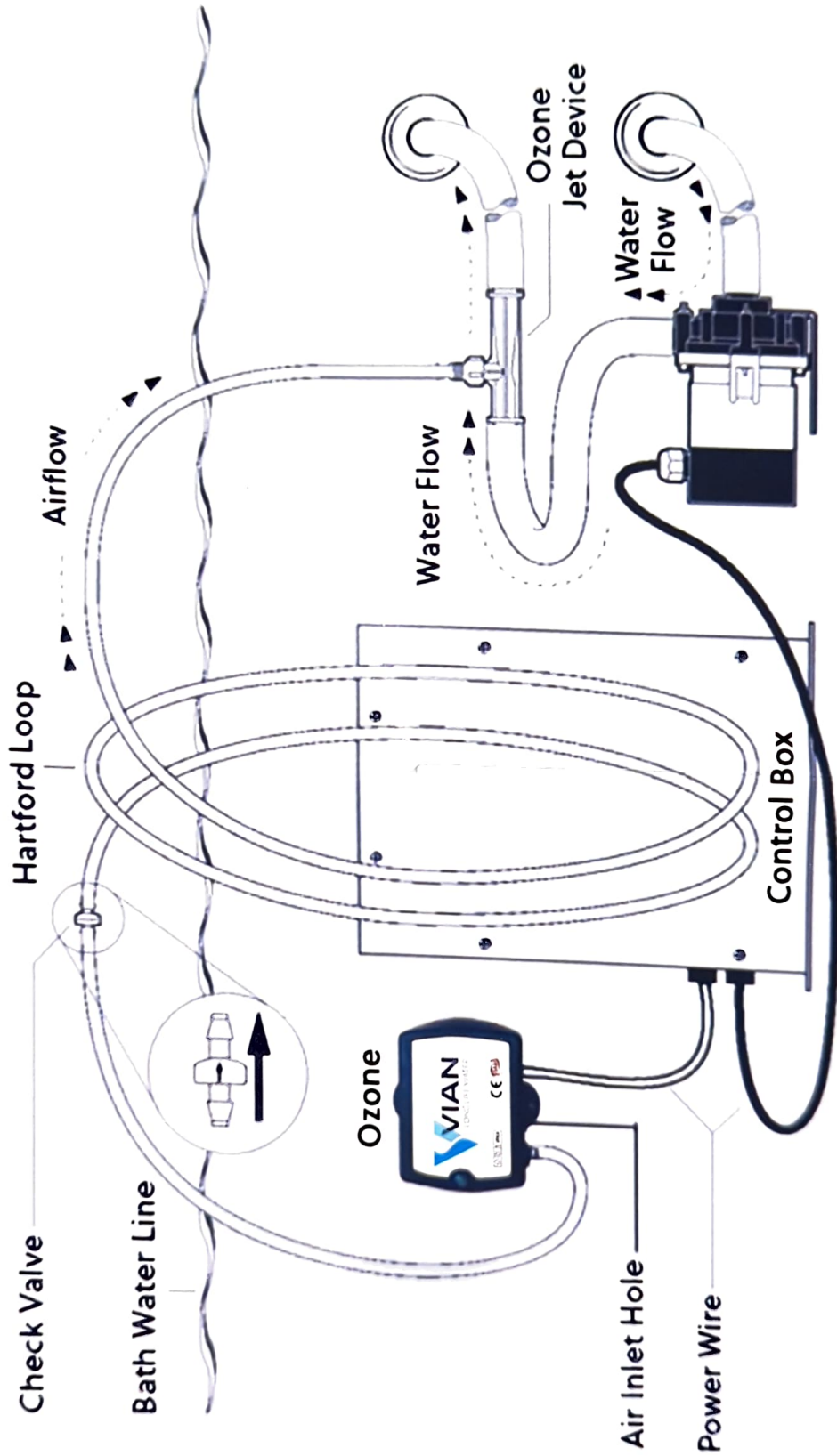
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A Hartford Loop is simply running the hose above the water level with a 6-8" wide loop, in between the ozonator and the injector. An ozone check valve is then placed in the ozone hose, between the loop and the injector, as redundant protection against water damage.



\*The Hartford Loop should extend as high as possible above the water level, and as low as possible in the cabinet to avoid water intrusion into the ozone generator.

## 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. The Diagram to the right shows the basic layout recommended for the installation of the VIAN 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  
*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.**
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.  
The ozone generators must be mounted with their inlets facing down.



## ATTENTION

- Please operate according to the installation instruction; unsupervised children NOT to play with the appliance
- High voltage, do not touch the appliance when operating
- Make sure the appliance is higher than water level when using to treat water
- Do not wet the power cable and connector
- Do not operate the appliance if the power cable or plastic case is damaged.
- Operate for less than 30 minutes continuously.
- Use air dryer to extend lifetime of the appliance.
- Keep the appliance clean; keep inlet/ outlet barbs open.
- Do not dispose of ozone in household waste, need to recycle.

