

Air-Zone

Ozone Water Purifier XT-1800W Operating Instructions



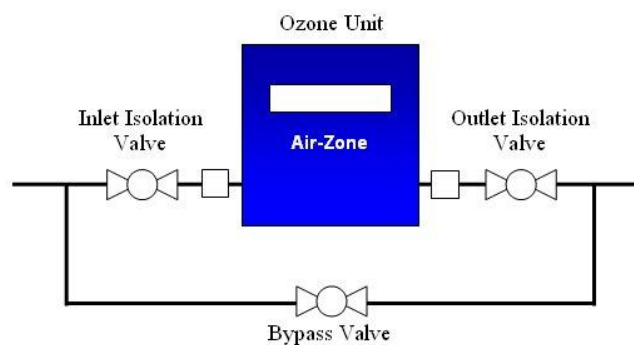
The XT series of ozone generators feature a patented method of creating ozone by corona discharge know as Xetin Ozone. The XT-1800W is designed for a ½ inch water pipe. It is **strongly advised** to use an in line water filter in the water line before the XT-1800W. This will keep any sediment from reaching the unit.

Installation

1. Place the Installation Map on a suitable location of the wall for installing the unit on the incoming water pipe in the house.
2. Drill 4 holes according to the map, and insert Wall Plugs into pre-bored holes.
3. Drive the screw home, the screws are M6 with a round head, and leave a gap of 2 mm between the screw head and the wall.
4. Hang the unit on these 4 screws. This will secure the unit on the wall.
5. Install the unit in the home plumbing system. Make sure all water screw union connections are stainless steel.

Use 1/2" pipes, 90⁰ elbows, shutoff valves and water filter to install the unit in the main water pipe as shown on the **Installation Illustration**.

6. Three shutoff valves are necessary, the inlet and outlet of the water purifier need to have isolation valves installed, and the other bypass valve is installed at the sides and around the unit. The bypass configuration is shown below:



7. The unit's water inlet is at the right hand side and the water outlet is at the left hand side. They are not reversible during plumbing work.
8. After the plumbing work is complete, take two PVC tubes off from the desiccant cartridge on the top of the unit. The two PVC tubes are on the right hand side.
9. Plug the power cord into a GFCI power outlet. The power indicator will turn on automatically.
10. Turn all three shutoff valves on and let the fresh water go through the unit, and then, open the faucet.
11. Ozonated water is automatically produced by turning on the faucets. Once the faucet is turned on; the water goes through the unit and triggers the flow switch. The ozone generator is then turned on and begins producing ozonated water.
12. The maximum water flow rate is 21 Liters per minute. The minimum water flow rate to receive ozonated water is 13 Liters per minute. It is strongly recommended to use a flow rate from 13 L/min to 21 L/min to obtain a proper ozone concentration of ozonated water.
13. If the water flow rate of the main water pipe is under 13 L/min, an additional water motor will need to be installed at the front of the water filter to accelerate water flow.

Controls

1. Open the faucet to the largest flow rate or at least the medium flow rate. The power on the ozone generator will be turned on automatically and ozonated water will be supplied to the faucet simultaneously.
2. Close the faucet to stop water. The power will be turned off automatically.

Maintenance

1. The desiccant cartridge on the top of the unit should be replaced every three months by refilling the cartridge with new desiccators.
2. The water filter also needs to have its cartridge replaced every three months to six months depending on the water quality. To replace the water cartridge, first turn off the shutoff valves on both sides of the water filter, and then replace the cartridge with a new one.
3. Once the water goes through the unit, like when fixtures and appliances are in use, the LED indicators of "Action" and "Ozone A, B, C, D" should be lit. If any of the LEDs are not lit, please call for service.
4. The outside of the unit is made of stainless steel in the high gloss grade. It can be cleaned with a moist paper towel. Do not use a cleaning solution on its

surface.

Warranty Information

Every Air-Zone XT-1800W ozone water purifier is checked to be in perfect working condition before it is shipped, and is under warranty from manufacturing defects for a period of one year.

Air-Zone Inc. will repair or replace the unit at our cost if a defect is determined to be from the manufacturing process.

This warranty does not cover damage caused by misuse by owner.

Shipping of the unit for service is solely the customer responsibility.

Air-Zone is not responsible for any damages caused by the use, or misuse of this product.

Specifications

Electrical Source: AC 115V, 60 Hz

Electrical Consumption: 0.26 Amp, 32 Watts 2 A Protection fuses

Water Flow Rate: 210 gallons per hour, 3.5 Gallons per minute

Ozone Output Per Hour: 1800mg/hr

Concentration of Ozonated Water: 0.56 Mg/L

Discharges Type: Corona Discharges, US Patented, No.: 5,502,346

Connection: 1/2 inch union screw type

Dimensions: 15.8" (W) X 4.8" (D) X 15"(H) mm

Unit weight: 19.5 lb.

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