



MiniGen03 - OZ 750

INSTALLATION & OPERATION INSTRUCTIONS



It is the installer's responsibility to read, understand, and comply with these instructions.

A Guide to Your MiniGenO3

The RainFlo MiniGenO3 is an economical ozone generator designed to purify and improve water quality in storage containers up to 15,000 gallons under ideal conditions. The process of purifying water with ozone can be affected by temperature and initial water quality. For applications in warmer climates or with excessively poor initial water quality, oversizing ozone generators to ensure adequate capacity is recommended. The compact, powerful MiniGenO3 is easy to install and can be mounted outside near the storage tank using a standard 120V electrical outlet. With ozone output of 0.75 grams per hour and a maximum depth of four feet, rely on the MiniGenO3 for dependable water treatment.

IMPORTANT

1. Ozone should only be released where water is present. Do not inhale ozone directly from the discharge tube. Prolonged inhalation can lead to lung irritation.
2. **WARNING** -- Nitric acid crystals may accumulate in the ozonator and injector tubing. When servicing the tubing, wear protective gloves, glasses, and clothing.
3. The maximum water depth is 4'. Any depth beyond 4' will damage the MiniGenO3. Extra tubing is provided to allow for ease of installation.
4. Treatment effectiveness is dependent on incoming water quality. Ozone will sterilize viruses and bacteria, not remove sediment and silt. Additional filtration may be necessary.

SPECIFICATIONS

- Ozone output: 0.75 grams per hour
- Input voltage: 120VAC
- Operating current: 0.23A
- Power consumption: 25W
- Maximum diffuser stone depth: 4'
- Dimensions: 9"H x 9"W x 6"D

INSTALLATION

Mounting

The MiniGenO3 is housed in a weatherproof enclosure that can be mounted either indoors or outdoors. If possible, it is recommended that the unit be protected from the rain and sun. The enclosure should be se-

curely mounted in close proximity to where the ozone will be introduced to the water.

Electrical Connection

1. The MiniGenO3 plugs into a standard 120VAC outlet.
2. The use of a heavy-duty, outdoor rated timer to control unit run time is recommended. The timer can be used to control ozone dosage in applications where full time operation is not necessary. It is recommended to run the unit 24/7 for the first week, then the run time can be gradually dialed back as needed via the timer. Using shorter run times will extend the lifetime of the unit.

Ozone Tubing to Holding Tank

1. Place a loop in the tubing approximately 12" above the maximum water level to prevent accidental moisture exposure.
2. Cut the remaining tubing to the appropriate length for a 4' maximum water depth. Insert the diffuser stone into the water end of the tubing, securely fasten with the provided wire tie.
3. NOTE: The diffuser stone should be at a depth of no more than 4' below the surface of the water. Placement deeper than 4' will result in no ozone output, no visible bubbles, and burnout of the unit.

TROUBLESHOOTING TIPS

- Confirm the power supply and the power button is engaged.
- Verify the unit is working by the smell of ozone and bubbles coming to the water surface from the ozone discharge tube.
- If the ozone unit is not working, verify the diffuser stone is submerged in water, but not beyond the maximum depth.
- Clean the diffuser stone with a soft brush and mild soap.
- If a strong ozone smell originates from the MiniGenO3 unit, turn the unit off and verify that all tubing connections are secure.
- Replacement fasteners, fittings, or tubing must be ozone compatible.

