

DR-5 High Output Ozone Generator (5000 mg/hr) Owners Manual



Disaster Restoration-Friendly
DR-5

**CAUTION: READ INSTRUCTIONS
THOROUGHLY BEFORE OPERATION OF UNIT**

HOW OZONE WORKS:

Ozone Solutions air purifiers use modern ozone generating methods to create disinfecting ozone the same way nature uses lightning to create ozone. Oxygen is very unstable in its tri-atomic form (also known as ozone) and naturally attaches to most organic chemical contaminants, mold spores, odors, etc, leaving them oxidized and broken down molecularly. This reaction leaves an area with fresh clean air.

WARRANTY

The DR-5 is warranted against defects in materials and workmanship for a period of three years from date of purchase. Warranty is limited to parts and labor only. OZONE SOLUTIONS is not liable for damage caused by shipping, misuse, neglect or lack of regular maintenance.

Caution: Do not operate the unit with the front cover removed. Danger of an electrical shock exists.

Caution: Keep the ozone output at least three feet away from any obstruction.

Caution: There should be no humans, animals or plants in the room being ozonated.

Operation

The DR-5 is designed to operate in suitable conditions with no more than 60% humidity and 100 degrees Fahrenheit ambient temperature. Lower Humidity produces more ozone. The unit's output should also be placed at least three feet away from any obstruction.

1. Plug the unit into a standard 115 Volt A/C 60 Hz power source.
2. **Ensure that all plants, animals, and humans are removed from the room being ozonated.**

Two Options: **1.** If you are concerned about reentering the room with ozone present to turn the unit off, place the unit inside the room with the cord going to an unozonated area that can be reached later. **2.** Attach a 4" dryer vent hose to the DR-5 and duct the ozone to the room you desire leaving the DR-5 out of the room being ozonated to ensure longer life of the DR-5. When using this process the room will have to be sealed up better to prevent the ozone escaping from that room.

3. Push the black button on the top one time to set the DR-5 on continuous (Hold), or push until you reach the desired time up to 48 hours.
4. Ensure that the unit is operating correctly. (A blue or purple glow should be visible through the front grill of the unit and the flow of the fan should be felt at this same location.)
5. Leave the room and return 2-6 hours after the unit has stopped.
6. When ozonating a vehicle place the DR-5 inside the vehicle or attach a 4" dryer hose to the DR-5 sitting outside the vehicle and duct in the ozone. Make sure the rest of the window is sealed with plastic etc... to prevent ozone escape.

This process can be repeated if the original odor is not completely removed.

Timer Operation

The timer located on the Top of the unit can be easily set for any duration between 2 hours and 48 hours. Once the time has expired the unit will turn off.

Maintenance

The DR-5 is designed to operate continuously with little to no maintenance. If the unit does not produce its maximum ozone output, a simple cleaning process can be preformed.

1. Unplug the DR-5 from its power source.
2. Use a compressed air source of no more the 100 PSI to remove any debris from the ozone rods located behind the stainless steel output grate. Keep the wand 6” away to prevent damage.
3. The same air source can then be used to clean the two 3 ¼ inch particulate filters located on the sides of the unit. If the particulate filters need replacement, contact Ozone Solutions.
4. Once a month, after heavy use or after using in high humidity, the Corona Tubes should be cleaned. A razor blade can be used to lightly scrape off the acidic crust buildup.
5. Loosen the 6 screws- 3 attached to the cover and ozone block, and 3 attached just to the cover.
6. Cleaning the outer surface with 91% Isopropyl Alcohol does a good job in restoring the appearance of your DR-5.

Ensure that the unit is properly operating before resuming the ozonating process.

If any failure should occur please ship the unit back to the manufacturer, Ozone Solutions, to be repaired by a technician.

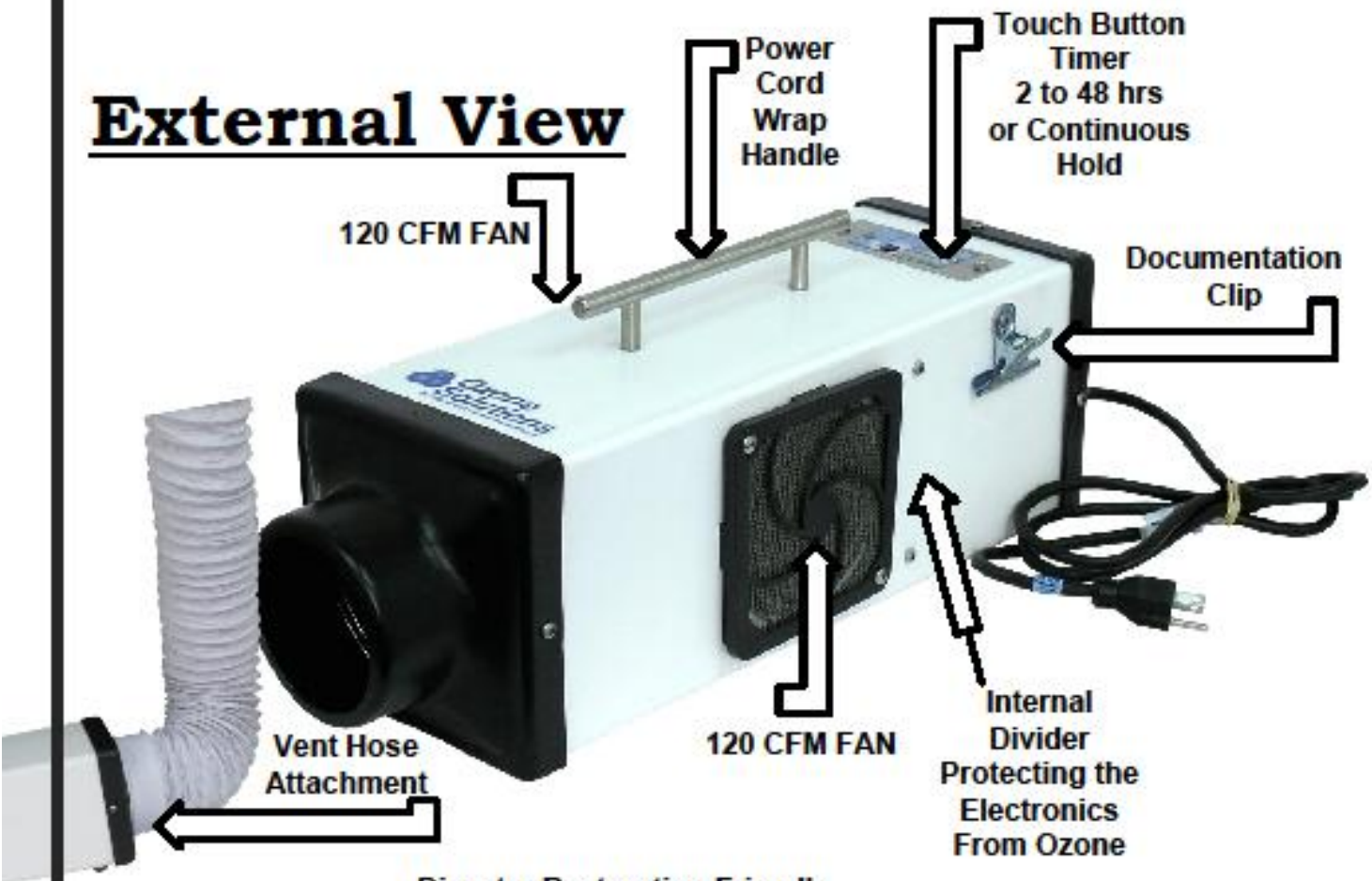
Trouble Shooting

WARNING: UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE ANY ATTEMPT TO REPAIR!!!

- **Decrease in ozone output...**
 1. Unscrew & remove the front cover
 2. Clean the ozone block (See Maintenance Section)
 3. Clean or replace intake fan filters
- **Generator is not running at all...**
 1. Take off covers & check loose electrical connections or severed wires
 2. Then call manufacturer if problem persists
- **One or both fans are not running...**
 - ✓ Unscrew & remove the filter covers
 - ✓ Ensure that the fan spins freely by spinning it by hand, if not look for obstructions or buildup of debris in the fan.
 - ✓ Check for loose wires or burnt out fan motors
 - ✓ Check for buildup of soil, soot or other debris on the side of the fan casing

DR-5 Ozone Generator

External View



Disaster Restoration Friendly

- * Durable Shell
- * Little to No Maintenance
- * Powerful & Portable
- * Corrosive proof

Internal View



Also Available in
10 Gram/Hr. Block

 **Ozone
Solutions**

Specifications

Dimensions.....	71/4”H x 17”L x 6”W
Weight.....	11-lbs
Flow Rate.....	80 CFM
Flow Speed.....	11.1 MPH
Ozone Output.....	5000 mg/hr
Timer Range.....	2 hrs – 48 hours or Continuous ON/HOLD
Power Requirements....	115V/60 Hz (220V/50Hz available upon request)
Power Consumption.....	150 Watts

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