

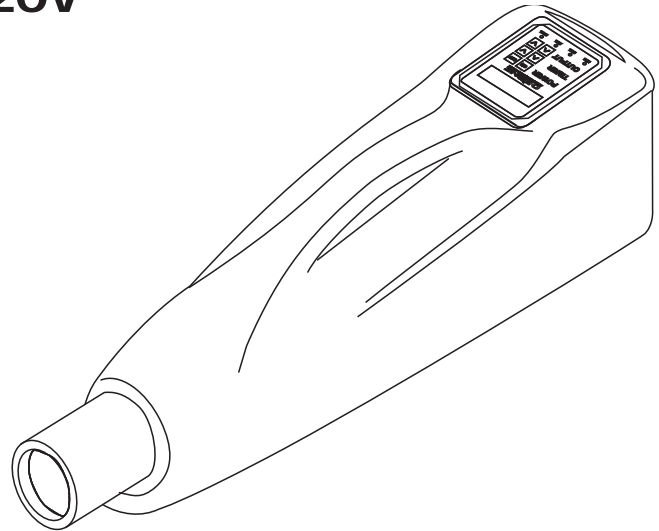
CLEANMASTER

100-610-015

Ozonator

120V

INFORMATION & OPERATING INSTRUCTIONS



READ ALL INSTRUCTIONS BEFORE OPERATING

OZONE IS A POWERFUL OXIDIZER AND MUST BE USED WITH CARE

WARNING: USE IN UNINHABITED AREAS ONLY.

CONSULT MSDS SHEET BEFORE USE.

Ozone attacks organic matter. Limited exposure can cause irritation to eyes, throat, and nose, and it may cause nausea. **Do not re-inhabit a treated area until it has been well ventilated.** Prolonged exposure can also affect certain organic materials such as rubber, plastic, wire insulation. Do not get the machine wet.

Record the serial number and model of your new Ozonator here: (and be sure to mail your warranty card)

Serial Number: _____ Model: Ozonator

Purchase Date: _____

Write the name and phone number of the distributor from whom you purchased

this machine: _____

IMPORTANT SAFETY INSTRUCTIONS

This machine is only suitable for commercial use, for example in hotels, schools, hospitals, factories, shops, and offices. This machine is not intended for normal residential housekeeping purposes.

NOTE: Read all instructions before using this machine.

When using any electrical appliance, basic precautions should always be followed, including the following warnings and cautions:



WARNING!

To reduce the risk of fire, electric shock, or injury:

- **USE IN UNINHABITED AREAS ONLY.**
- To avoid electric shock, do not expose to rain or snow. Use and store indoors.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If the machine is not working as it should, has been dropped, damaged, left outdoors or dropped into water, return it to a service center.
- Do not pull by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. To unplug, grasp the plug, not the cord.
- Do not handle the plug, the cord or the machine with wet hands.
- Extension cords must be 12/3 and no longer than 50 feet. Replace the cord or unplug immediately if the ground prong becomes damaged.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Connect to a properly grounded outlet only.

INSPECTION:

Carefully unpack and inspect the Ozonator for shipping damage. Each unit is tested and inspected before shipment. Any damage incurred is the responsibility of the carrier, who should be notified immediately.

All cleaning and maintenance work should be completed before using the Ozonator machine.

Ozone treatment should be the final step in room maintenance.

NOTE: the air flowing into the machine must be clean and dry.

NOTE: if the air intake filter is dirty or missing warranty is voided.

OPERATION:

NOTE: OZONE IS A TOXIC GAS. FOLLOW ALL SAFETY PRECAUTIONS.

1. Make certain all people, pets, and plants are out of area. Close all windows and doors.
2. Make sure the filter in front of the cooling fan is installed and is clean.
3. Place the Ozonator unit on a shelf or tabletop, as high as possible in the area to be treated.
4. Plug the power cord into a grounded, 3-prong outlet.
5. Set the timer to the desired length of time. Momentarily pressing the UP timer button for one second will increase the time setting by one minute at a time. Hold the button for 1 -3 seconds to change the time value by two minutes per second. Hold the button for longer than 3 seconds and the time setting will change in 20 minutes increments. The maximum time setting is 29:59 hours. After reaching the maximum time, the timer will wrap back to 00:00 and then continue increasing. When the time is being decreased and reaches 00:00, it will wrap to 29:59 and continue decreasing.
6. Select the desired power level: 25%; 50%; 75% 100%. The default level is always 100% when you plug it in. When the output level is set to 100%, the machine makes ozone continuously until the timer runs out or the OFF button is pressed. At other power level settings, the machine will produce ozone for the fraction of a minute the level is set at. For example, if the output level is set to 75%, the machine will produce ozone for 75% (45 seconds) of each minute. At 50%, ozone is generated for 30 seconds of each minute, and at 25%, the ozone generation lasts for 15 seconds of each minute. On any setting other than 100%, the ozone generator will be cycling the ozone ON and OFF.
7. Turn the unit on by pressing the ON button. Leave the area.
8. When treatment is complete, unplug the ozone machine and ventilate the area completely until all smell of ozone is gone. Do NOT allow people, pets, or plants back into the area until all smell of ozone is dissipated.

TIME GUIDELINES:

This Ozonator unit will control biological contamination and odor in areas up to 40,000 cubic feet.

Use the following times as a guideline.

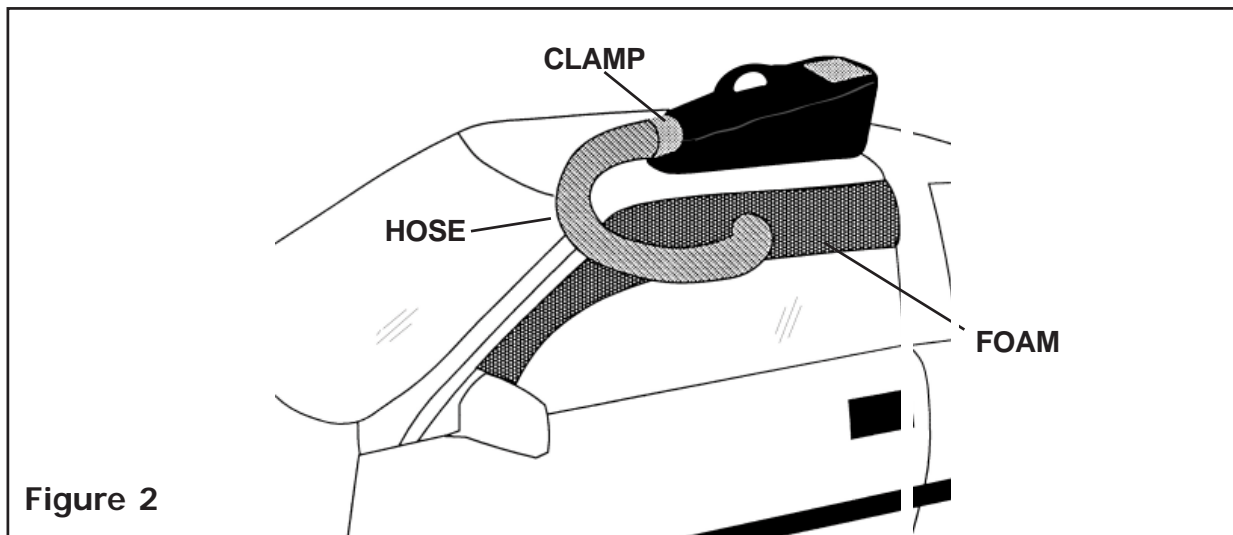
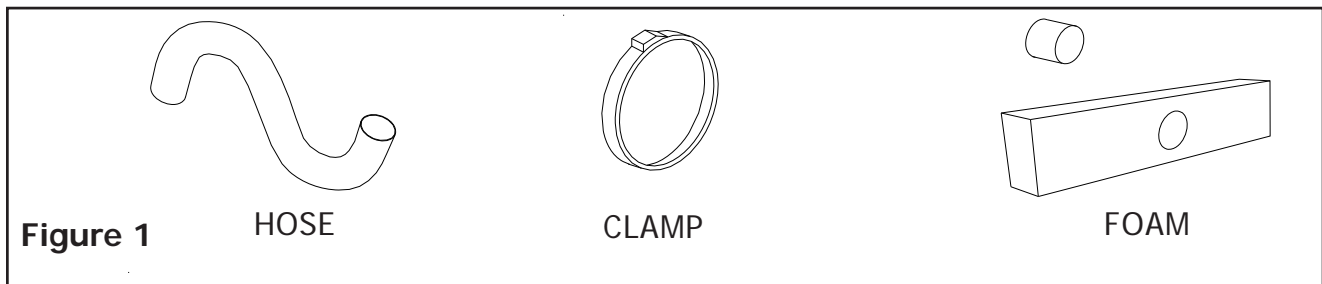
Hotel/Motel Room:	20 -- 60 Minutes
Automobiles:	20 -- 30 Minutes
Fire & Flood Restoration:	12 -- 72 Hours.

For Automobiles:

Refer to Figure 1 and Figure 2 below

1. Install the hose onto the electrode chamber. Secure the hose with the hose clamp.
2. Set the Ozonator securely on top of the car or on a cart or table next to the car.
3. Install the foam block into a partially closed car window, and insert the hose through the hole in the foam.
4. Set the time and the output level.
5. Turn the ozone machine ON.

When treatment is complete, ventilate the car completely. Repeat treatment if necessary.

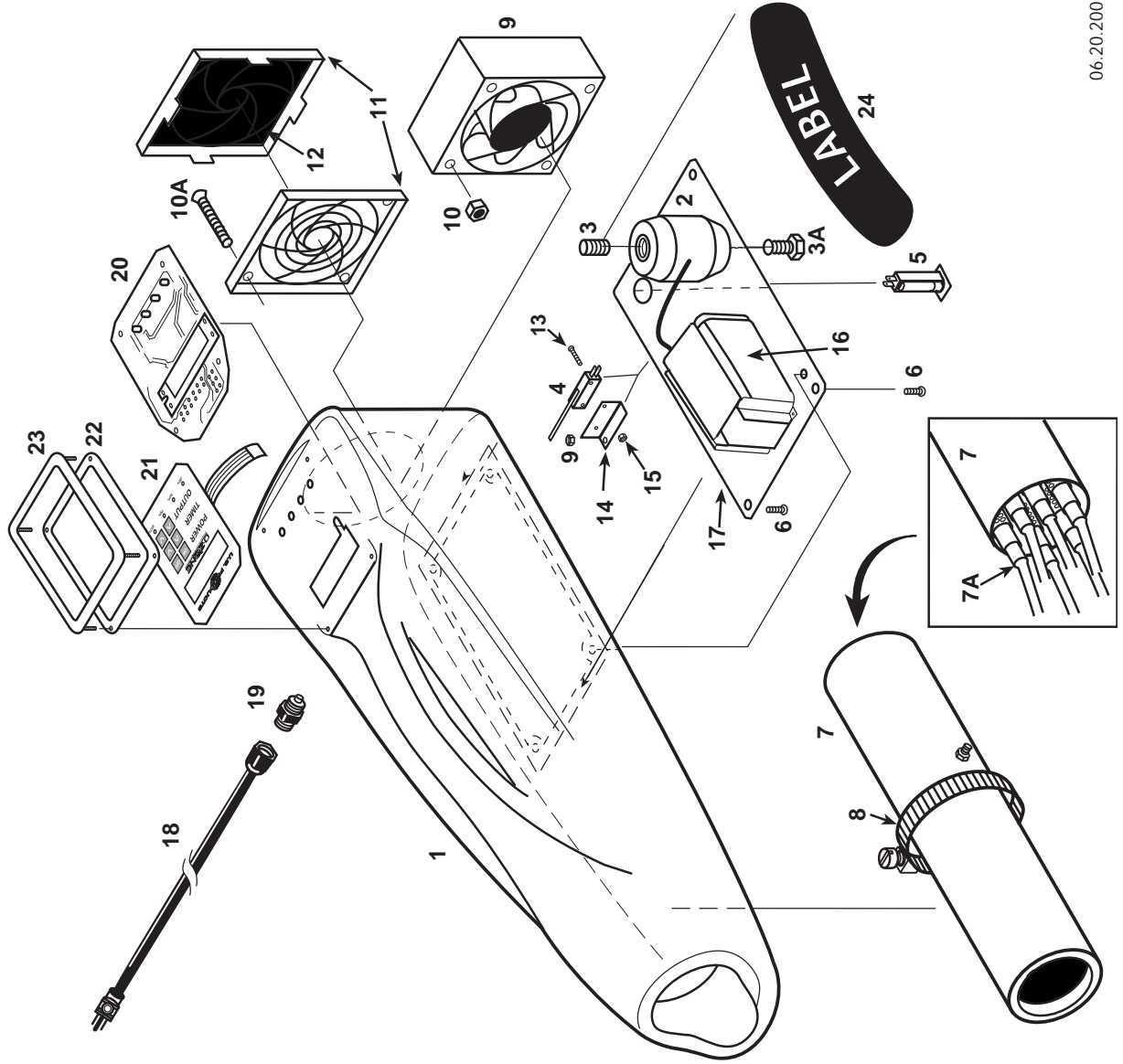


NOTE: Ozone destroys odor causing molecules, thus eliminating the source of the odor. The length of time this process takes will vary depending on the amount of contaminants the ozone has to work on, the amount of area being treated, temperature, humidity, the amount and type of furniture in the area, etc.

NOTE: The process can produce a haze in the treatment area.

CLEANMASTER

Ozonator



ITEM No.	DESCRIPTION	PART No.
#1	Housing	OZ-1
#2	Terminal Block	OZ-10
#3A	Bolt, 3/8 X 1/2"	326
#3	Stud, 3/8 X 1-1/8"	327
#4	Safety Switch	OZ-8
#5	Circuit Breaker, 1/2 amp	OZ-5
#6	Bolt	364
#7	Electrode Chamber	FP242
#7A	Electrode Assembly	FP241
#8	Hose Clamp	198
#9	Fan	2014
#10	Lock nut	324
#10A	Bolt, 8/32 X 2-1/2"	323
#11	Fan cover + filter	2015A
#12	Filter only	2015B
#13	Screw, 4-40 X 5/8" S/S	328
#14	Bracket, for safety switch	OZ-22
#15	Lock nut 4-40, S/S	18
#16	Transformer	OZ-4-PTI-1
#17	Mounting Plate, bottom	OZ-18AC
#18	Power Cord, 6 ft	OZ-11
#19	Cord Retainer	230 & 230A
#20	Control Board Assembly	OZ-17
#21	Touch Pad	OZ-20
#22	Gasket	OZ-16A
#23	Bezel	OZ-16

TROUBLE SHOOTING:

CAUTION:  **ALWAYS UNPLUG THE MACHINE BEFORE YOU DO ANY INTERNAL TROUBLESHOOTING**

IF THIS OCCURS CHECK THIS

NO POWER	Look at the power cord, to make sure it is plugged in. Check the outlet, to make sure it has power in it. Look at the circuit breaker on the bottom of the machine, to make sure it has not tripped. Check the internal safety switch to make sure it is 'activated' when the bottom cover is on.
TIMER DOES NOT WORK	The digital display has segments missing from some numbers. The timer \wedge or \vee buttons do not change the time display. The time display does not change as time passes.
THE % of OZONE DOES NOT WORK	The % button does not work. The amount of ozone output does not change. The % button does work, but one (or more) of the red LEDs is not lighting.

NOTE: if the air intake filter is dirty or missing warranty is voided.

SPECIFICATIONS and FEATURES:

- Output volume:** Variable
- Maximum Output:** 2.2 gm/HR; 6.6 ppm
- Timer:** Digital, 00:00 to 29:59 hours
- Production Method:** Patented, high-density and stainless steel electrodes
- Air Flow:** 100 CFM
- Dimensions:** 8"H X 8"W X 22"L
- Weight:** 12-1/2 lbs
- Warranty:** 3 year; lifetime on electrodes *
- Rugged construction means reliability
 - No maintenance of plates or UV tubes
 - Over-load protection
 - Made in the U.S.A.

* A dirty or missing filter at the air intake voids the warranty

CLEANMASTER

11015 47TH Avenue West
Mukilteo, WA 98275
www.cleanmaster.com

PH. 1-425-775-7276

FAX: 1-800-426-4225