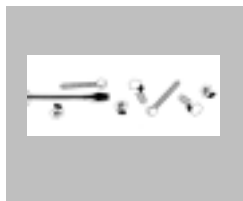


# Troubleshooting Guide

If you are having problems with your ozone machine please refer to the following instructions:



1. The fan comes on, but the green light does not. Remove the top cabinet from the unit and check the condition of the ceramic plate. Replace if broken. Replace top cabinet. Remove and replace the .200 milliamp fuse in the back of the unit. If the green indicator light is still out contact your distributor.

2. When you turn the unit on nothing happens. First check your power source to ensure there is power to the outlet. Plug the unit in. Check the fuse marked 2 amp on the back of the unit. Replace if blown. If the unit still does not operate contact your distributor.

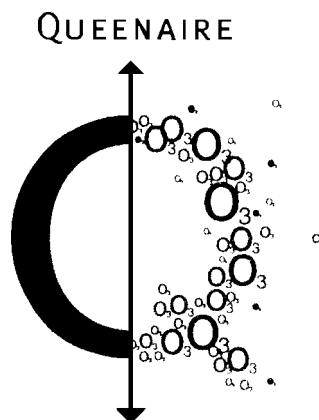
3. If for any reason you are not happy with the performance of this unit contact customer service at 1-877-64 OZONE.

Volume

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QUEENNAIRE TECHNOLOGIES, INC.

“The Ozone Specialists”



Technologies, Inc.

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**Owners Manual**  
**QT Thunder**

# Operating QT Thunder

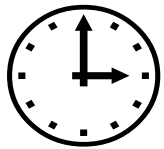
*Following are basic guidelines for eliminating a variety of troublesome odors in rooms up to 1000 square feet.*

For complete odor control you must ensure that all areas to be deodorized are exposed. Be sure to close your draperies, fully exposing all material, open interior doors and turn on your air handling system. Keep in mind that ozone is a surface agent and must make contact with the source of the odors to insure complete deodorization.

## Deodorizing Hotel Guestrooms

The housekeeper should always clean the guestroom before using the QT Thunder unit and vacate the room while the unit is in operation. The amount of time needed to completely eliminate the odor will depend greatly on the size of the room and the severity of the odor problem. Daily treatment with the QT Thunder unit will decrease the time needed for each treatment and ensure an odor free room on a daily basis.

The unit should always be placed high on a table or dresser to ensure adequate distribution of the ozone. Turning on the air handling system will also help to distribute the ozone and eliminate odors inside the air handler. The unit should then be plugged into a standard wall socket. You should then set the timer using the following settings as a guideline:



- ☛ 3 - (18 minutes) - For a standard room up to 300 square feet with light odors
- ☛ 5 - (30 minutes) - For medium odors or larger suites up to 1000 square feet
- ☛ 8 - (48 minutes) - For 300 - 1000 square foot rooms with heavy odors
- ☛ 10 - (60 minutes) - For converting smoking rooms to non-smoking/severe mold and mildew odors

Once the timer is set, turn on the unit and leave the room. For daily treatment, the housekeeper would continue this procedure with the unit following her from room to room. For severe odors, it may be necessary to repeat the treatment in 24 hours.

# How Does QT Thunder Eliminate Odors?

All Queenaire Technologies, Inc. units eliminate odors by producing a controlled level of ozone. Ozone is created naturally in our environment by lightning and the sun's ultraviolet rays. It is best known for its benefit in the stratosphere for protecting us from the sun's rays. What you may not know is that it is also that fresh smell you experience after a lightning storm. Ozone is Mother Nature's solution to outdoor odor problems. QT Thunder incorporates a technology that duplicates the effect of lightning and creates ozone indoors. The end result is the same, a fresh, odor free environment.



## QT Thunder Maintenance Instructions

The life expectancy of your QT Thunder unit is 10 - 15 years, provided it is serviced and maintained on a regular basis. It is recommended that you perform a simple cleaning and maintenance of your unit every 6 months. Maintenance kits are available through your distributor.

Before you begin performing any work to your ozone unit, be sure to unplug the electrical cord. Step 1.) Remove two screws on the top of the unit as well as the top two screws on each side of the unit. Remove the top cover from the unit.

Step 2.) Carefully remove the white ceramic generator plate from its frame. The plate should lift easily by pulling from the top straight up and out of the frame. Use an alcohol wipe to gently wipe the plate free of any dirt or stains. Inspect the plate carefully for cracks, breaks or irremovable stains. The plate can be reused provided there are no breaks or stains.

Step 3.) Use the same alcohol wipe to wipe out the exposed areas inside the unit. Spread the generator frame apart to wipe the inside of the metal plates that make contact with the generator plate. Be sure to also wipe the base of the frame completely.

Step 4.) Once the ceramic plate is completely dry, reinsert the plate into the generator frame or replace the existing plate with a new one.

Step 5.) Reattach the top cover to the unit and put screws back in place.

Step 6.) Remove and discard the green filter on the back of the machine and replace with new filter.

Step 7.) You may at this point have to change your 200mA fuse. To test your fuse, simply turn the unit on. If the green ozone light comes on you have completed maintenance of the unit and are ready to put it back in service. If the light does not come on, locate the 200mA fuse holder on the back of the unit and remove the holder with a flat head screwdriver by turning the holder 1/4 turn. Remove the blown fuse and replace. Your unit should now be ready to go back to work.