

03/1000 New Comfort

2 Stage AIR CLEANER



INSTRUCTION MANUAL

CAUTION:

Read manual carefully for proper installation and operation.

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SPECIFICATIONS

Model:	O3/1000
Rated Voltage:	USA-AC 120v/60hz
Power Consumption:	35w
Fan Speed (non-grade):	1500-3000 RPM
Ion Output	$\geq 5 \times 10^6 \text{cm}^3$ (or $\geq 2.5 \times 10^6 / \text{cm}^3$)
Air Volume:	Max 106 CFM(3 m ³ /min)
Ozone Plate Size (Uses 2 Ozone Plates)	115mm x 115mm
Sound Level (DB):	Low 35 Med 45 High 52
Product Size in inches:	W 9 in x D 10 in x H 12 in
Gross Weight:	14 Pounds
Ozone Plates	2

- Negative Ion Generation Technology
- Adjustable Fan Speed Control
- Adjustable Ozone Plate Configuration
- Negative Ion Generation

Ion Output:

- 20 KV negative ion generator.

Filtration Type:

- No Filters with this model. New Comfort makes several models with Filters if needed.

Warranty:

- 3-Year Factory Warranty.



To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type power outlet. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.



WARNING! - Do not operate without proper installation. Doing so may void the warranty.



CAUTION! – Cut off the power when performing maintenance.



If the fuse is blown and needs to be changed. Fusing current no more than 1.0 Amp.

INTRODUCTION

O3/1000 reproduces the natural environment outdoors by using Ozone or O3.

O3/1000

Keeps your air clean and fresh with 2 stages of filtration.

- Compact
- Portable
- No Duct Work Required
- No Chemicals

- Low Maintenance
- Low Electrical Usage
- Complete User Control
- No Residual Contamination

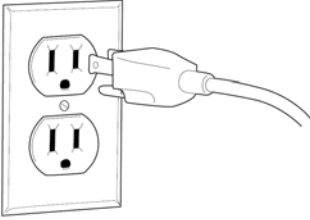
APPLICATIONS

- Home, Office, Restaurant, Hotel
- Smoking Areas
- Production Areas
- Basements
- Casinos & Large Meeting Halls
- Veterinary Hospital
 - Barns, Kennels & Stables
 - Photo Labs & Salons
- Day Care Centers
 - Chemical Odors
 - Bowling Alleys & Parlor

INSTALLATION

1. Remove unit from shipping carton.
2. Remove all protective materials.
3. Read Owner's Manual thoroughly prior to installation.
4. Fully insert cord into the power cord receptacle on the back of the unit.
- 5.** Install Ozone plates as shown in the steps below.

Installing Ozone Plates:



Step 1: Make sure the unit is unplugged before installing or removing any Ozone plates or maintaining the unit in any way to prevent electric shock.

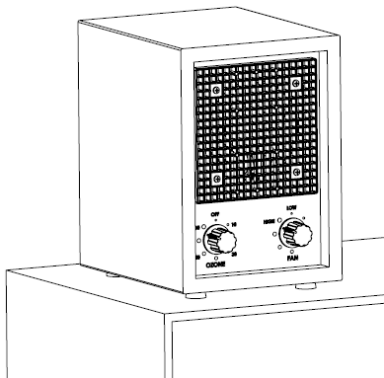
Step 2: Remove the two Ozone plates from separate cardboard box .

Step 3: Turn unit so you are looking at back of unit (like picture above).



Step 4: Insert the 2 Ozone plates by pushing through the 2 metal slots above until a snug fit is acquired. For maximum performance, Ozone plates may need to be washed in warm water. Always allow them to properly dry before installing.

PLACEMENT



In order to maximize the purification function, the unit should be placed as high as possible.

Alternately, placing something under the unit bottom, ensuring the front grill is tilted upward will better oxidize and purify the floating bacteria and smog pollutants. A ceiling fan can also aid the unit with air purification.

Suggested locations, listed in order of preference:

- Nearest to the source of the worst pollutant.
- Near cold-air return in an air circulation system.

In the area most frequently used location to achieve maximum benefit.

Notes:

- For maximum control, the unit should be placed where easy access to the control panel is possible.
- The rear of the unit should always have at least six inches of open area to allow unrestricted airflow.
- Be sure power cord is not accessible to small children to prevent injury.

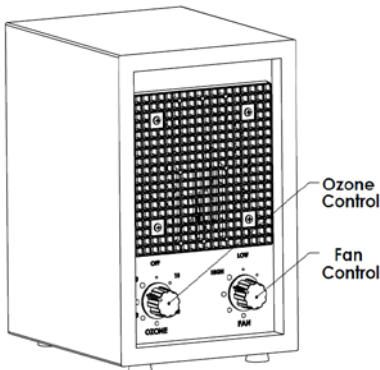


CAUTION!

This unit produces Ozone which can be a lung irritant.

Never run unit in occupied spaces.

SETTINGS AND ADJUSTMENTS



1. Control of the Unit

When looking at the front of the unit, the controls for On/Off, Ionization, and Fan speed are located on the right. The knob on the left controls the Ozone.

2. Ozone Control

- The Ozone control can turn on or off the Ozone.
- To reduce the level of Ozone, user may also remove one of the Ozone plates.
- To reduce mold, mildew, and bacteria, turn the unit on the highest setting for 3-4 hours. Open doors and windows to allow air to circulate out of the room before returning to occupy the room.
- This model does not come with any indicator lights. User may determine Ozone is running when Ozone knob is turned on.



CAUTION!

Always ensure the room or area is UNOCCUPIED before performing the above-described Ozone control.

MAINTENANCE

Periodic maintenance is required to ensure that the O3/1000 operates properly. A severely polluted environment can foul an air purifier plate in as little as four weeks or as long as a year. Shown here are basic maintenance procedures that should be carried out to keep your unit running at top performance.

Fan Blade and Front Grill Cleaning:

(Take off front/reinstall grill method.)

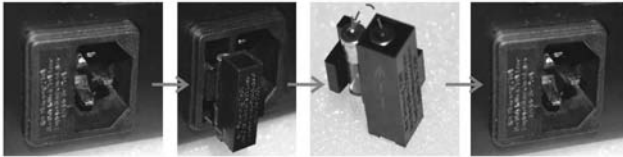
To remove for cleaning:

1. Remove screws for front grill and pull off.
2. Clean front grill and fan and allow to dry properly.
3. Reinstall grill and screws.

Cleaning Information:

Wipe off fan blade and front grill with damp washcloth. The fan requires no maintenance. If the fan squeaks, a drop of lightweight machine oil may be needed on the fan shaft.

REPLACING THE FUSE



A fuse holder is located on the back of the unit next to the power cord.

To replace or check the fuse:

- Remove the fuse holder by pressing on the clip and pulling straight out.

If the fuse is blown:

- Replace with the standard replacement fuse. Insert the new fuse into the fuse holder. Press the assembly straight in until it latches.

120 volt models: Fusing current no more than 1.0 Amp.



CAUTION!

If the fuse holder cap is not installed correctly,
the unit will not operate.

TROUBLESHOOTING GUIDE

Indicators of Operation:

Ozone switch to be operated when the room is unoccupied. Open the door and window when you return to the room if Ozone operated for several hours. After the Ozone is turned off allow one hour of open window circulation before returning to the room for full occupation.

Troubleshooting – What to look for first:

1. I have plugged in the unit, turned the power switch to "On" and nothing is happening. What's wrong?
 - Make sure the electrical outlet is capable of providing power to the unit.
 - Check the back cover located at the back of the unit to make sure the power cord is fully pushed in all the way and snapped into place.
 - Check to see if the proper fuse is installed and that it is serviceable.
 - Ensure that the fuse cap is completely seated and secured in its receptacle.
Be sure the cord is fully plugged into unit.
2. The fan is operating but the unit won't produce any ozone. What's wrong?
 - Check the air purifier plate(s) for serviceability. If they are cracked or broken, the plate(s) will require replacement.
 - Ensure maintenance procedures required for the O3/1000 air purifier plate have been performed (i.e. washing the Ozone plates).
Aside from steps above, do not attempt to disassemble the unit due to the Limited Warranty of the product.
3. The unit has a burning smell, and/or appears to be arcing or sparking.
 - Remove and clean the ozone plates and reinstall. If problems persist replace ozone plates.

4. What are the most typical application problems?

Problem: Lack of air movement, improper placement of the unit.

Warning Sign: Strong odors still remain in the environment after placement.

5. Unit does not operate:

- Is the unit plugged in?
- Is the power cord fully inserted into the back of the unit?
- Are you sure the outlet is functioning normally?
- Is the unit turned on?
Is the back grill installed properly to depress the safety switch forward?

6. Air flow is restricted or reduced:

Is the unit properly placed away from objects that may obstruct air flow?

Warranty Information:

If your unit fails to operate properly after performing trouble-shooting, contact your authorized New Comfort dealer you purchased the unit from for further assistance.

The O3/1000 comes with a 3-year Factory Warranty that covers the entire unit (except for ozone plates which may need replacing as they get dirty). For warranty assistance contact the company you bought the air purifier from for authorized warranty service. For warranty service, the user is required to pay all shipping costs and the authorized New Comfort Warranty center shall be responsible for all parts and labor.

Customer Name _____

Purchase Date _____

Company the unit was purchased from _____

Serial Number of Air Purifier _____