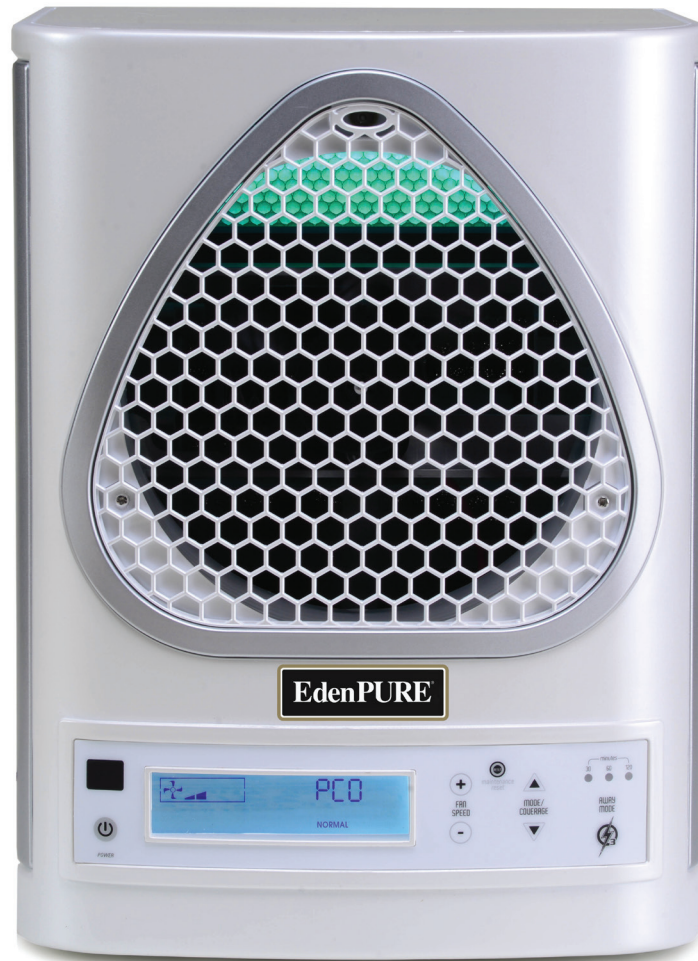


**EdenPURE<sup>®</sup>**

**OxiLeaf<sup>®</sup> XL100**



**Model No. A6004**

## **Owner's Manual**

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PLEASE READ  
AND SAVE THESE  
INSTRUCTIONS

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# Specifications

**Unit:**

Model Number: A6004

Size: 12" x 12" x 9"

Weight: 8.8 lb.

Input: 100-240 VAC 50/60 Hz 2.0 A

**PCO Cell:**

Normal Mode Output: < 0.02 ppm ozone (ambient room concentration)

**Purification Plate:**

High Mode Output: 25-360 mg ozone per hour

**Ionization:**

24-30 KV, 20-30 Khz Ion Generation Pulsator

6 KV DC Needle Ion Generator

# Warnings

- Never operate unit near a heat source, open flame or flammable/combustible fluids.
- Do not operate unit unless all parts (including PCO Cell, Purification Plate, Rear Filter Assembly and Rear Cover) are properly installed.
- Directly viewing the lamp inside the unit for an extended period (longer than 20 minutes) may result in eye damage.
- Do not use the SANI + BOOSTER in occupied spaces. Short term exposure to ozone levels exceeding 0.5 ppm can cause temporary adverse reactions.
- Make sure you turn the unit Off and unplug the power cord before cleaning, disassembling, reassembling or servicing the unit.

# Product Introduction

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## Benefits

The EdenPURE® OxiLeaf® XL100 brings the most advanced air purification technology into the comfort of your home. Unlike other air purifiers, the OxiLeaf® XL100 does more than simply filter the air in your home. Incorporating technology like photo catalytic oxidation, high level negative ionization, scalable purification and electrostatic filtration allows the OxiLeaf® XL100 to provide tangible benefits to your home or workspace by:

- Destroying pollution from the air, embedded in walls, ceilings, floors, carpets, furniture, etc.
- Reducing or eliminating odors such as cigarette smoke, mildew, food, etc.
- Contributing to the sanitization of all surfaces.

The whisper quiet five-speed fan disguises the power encapsulated in the advanced OxiLeaf® XL100. Having the unit in your home will not only improve the quality of air but, most importantly, it will improve the quality of life.

# The EdenPURE® OxiLeaf® XL100 Four Technologies



## Electrostatic Filtration

An advanced electrostatic filter is included with the OxiLeaf® XL100 to help keep the unit clean while at the same time filtering out particles. Unlike expensive HEPA filters, the electrostatic filter is washable and can be used over and over again.



## Needlepoint Ionization

The OxiLeaf® XL100 generates a continuous stream of millions of negative ions that circulate throughout the home. These ions charge particles, such as dust, dander or bacteria, causing them to attract other particles and clump together. As more and more particles come together, they become heavier, making them easier to pull into your home's HVAC air filter or just fall to the floor to be vacuumed up. Unlike HEPA filters that can only filter out particles of .5 microns or larger, the ionizer in the OxiLeaf® XL100 can reduce ultra-fine, even nano particles, that are much more dangerous than the larger particles you actually see.



## Scalable Purification

The OxiLeaf® XL100 can be easily adjusted to the preferred purification setting for your home. Using these setting provides optimum performance and comfort. In High Mode, the purification plate generates activated oxygen to assist in breaking down pollutants which cause odors. For faster sanitization, the OxiLeaf® XL100 can be set to Away Mode, which if equipped with an auto shut-off timer and can be used for maximum output when the room or home is unoccupied.



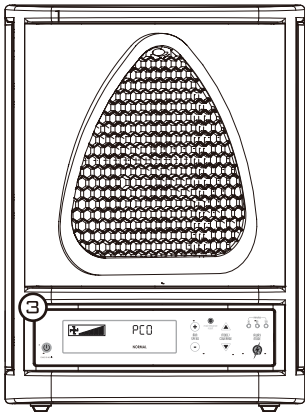
## Advanced Photo Catalytic

Both the Advanced Photo Catalytic (PCO) and Scalable Oxidation work to destroy biological contaminants as well as odors, mold, bacteria and viruses. PCO Cells have been proven to reduce dangerous pathogens by more than 99% in less than 24 hours through a process called molecular disassociation, which actually breaks down the molecules instead of simply covering up the source.

Scalable Oxidation ensures your OxiLeaf® XL100 will perform at the maximum efficiency specific to its environment at the time of use. In High Mode, the purification plate generates activated oxygen to assist in breaking down contaminants which cause odors. For faster clean-up, the OxiLeaf® XL100 can be set to Sani + Booster, which has a programmable auto-shutoff timer feature. This allows the machine to generate maximum output when the room or home is unoccupied.

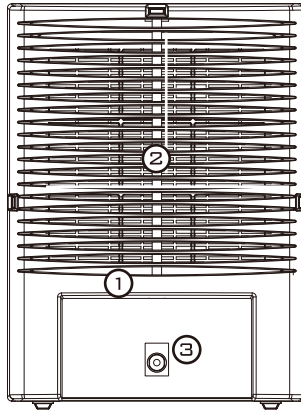
# Diagrams

**Front of Unit**



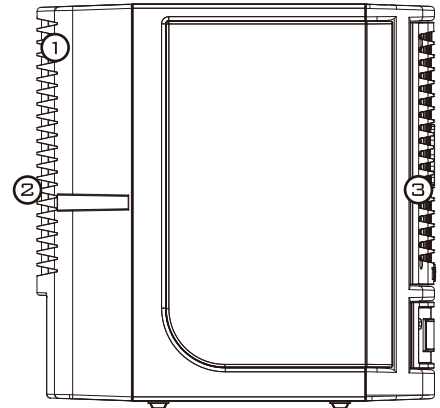
- ① Ionization Needlepoint
- ② Front Grille
- ③ Control Panel

**Rear of unit**



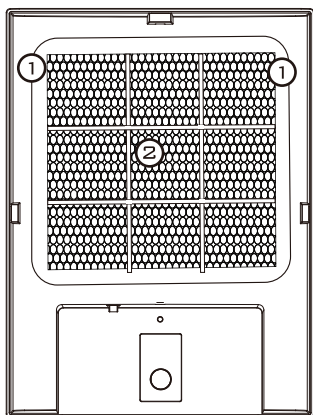
- ① Rear Cover Screw
- ② Rear Cover Clasps
- ③ Power Adapter Inlet

**Side of Unit**



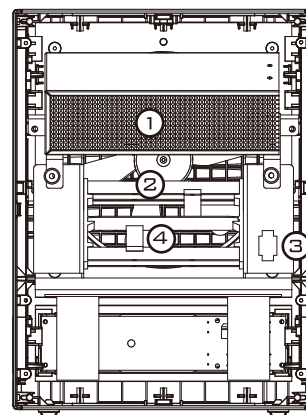
- ① Rear Cover Rear Cover
- ② Unit Rear Unit Rear
- ③ Unit Front

**Rear of Unit  
(Rear Cover Removed)**



- ① Brass Thumbscrews
- ② Filter Assembly

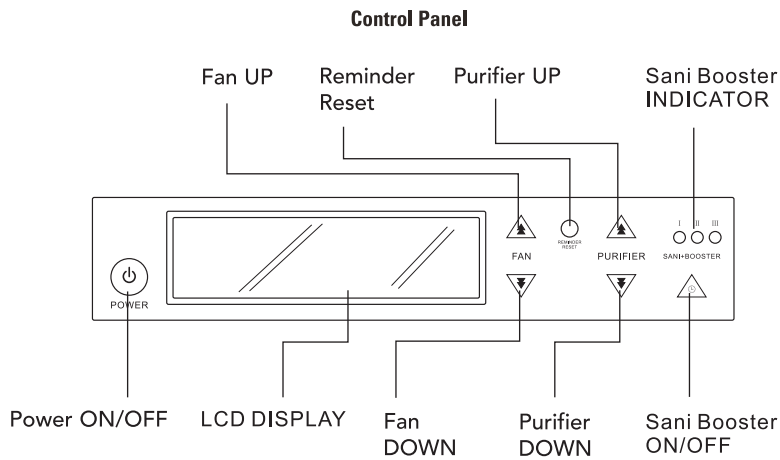
**Rear of Unit  
(Filter Assembly Removed)**



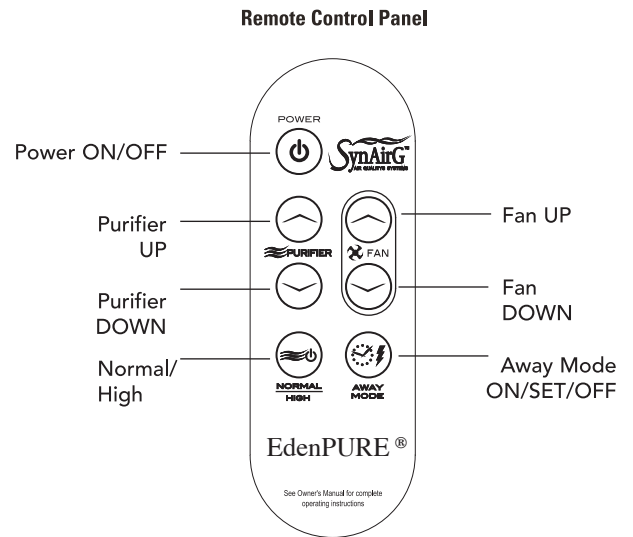
- ① PCO Cell
- ② PCO Cell Nuts
- ③ PCO Cell Connector
- ④ Purification Plate

# Controls





## Control Panel






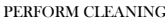
## Remote



## Control Panel Screen

- 1  Fan Speed Indicator
- 2  Photocatalytic-Oxidation Mode Indicator
- 3  Mode/Coverage Indicator
- 4  Mode/Coverage Warning Indicator

## Mode Specific Display

- 5  Away Mode Timer Indicator  
Not for use in occupied room
- 6  Away Mode Warning Indicator
- 7  Replacement Notification Indicator
- 8  Maintenance Notification Indicator

**NOTE:** It is recommended to vacate the area for another 2 hours after running the unit in away mode. This allows ozone concentration to settle gradually.

# Set-Up

## Ideal Placement

**There are several important factors to consider when selecting a location for your OxiLeaf® XL100:**

- Make sure the location you choose is not directly behind your HVAC air return duct. You do not want the air return blowing in front of the unit.
- Try to place the unit on top of something like an end table or night stand for optimal operation.
- To ensure the unit works properly, there should be as much space as possible in front of your OxiLeaf® XL100 so that it can efficiently clean the air in the area.
- Never place an operating unit on the floor.

## Initial Setting

Before using the unit you will need to find the area (or square footage) of the room or area you'll be using it in. To accurately do this, take into account all connected rooms with open doorways. The purification does not flow readily through closed doors. The OxiLeaf® XL100 can purify up to 3,000 square feet of space.

**Once you have determined an ideal location for your OxiLeaf® XL100 and calculated the area of the environment:**

1. Connect the Power Cord into the unit.
2. Insert the Power Plug into the wall outlet.
3. Turn the unit on and set it to NORMAL mode.
4. Leave the unit on NORMAL mode for 9 hours a day for 4 days.
5. After the 4th day, set the unit to HIGH mode and set the square footage to 250 square feet.
6. Gradually increase the square footage setting every 24 hours until you reach the accurate square footage of your area (which you calculated in the beginning steps). Note: Using the purifier at a setting less than the square footage of the area being treated is acceptable and may be desirable in an environment relatively free of pollutants.

# Operations

## Operating the Unit

### Turning the Unit On/Off

Press the Power button on the Control Panel or use the Remote to turn the unit on. The unit will initially be set to Normal Mode. Press the Power button once more to turn the unit off.

### Normal Mode

Press the Mode/Coverage button until “Normal” is shown in the lower right of the Display window.

- Square footage not available in “Normal” – see Initial Setup: Initial Settings
- To control the fan speed: Use Fan Speed + and - buttons.

### High Mode

- Press the Mode/Coverage button to verify that “High” is shown in the lower right of the display.
- To set the square footage on the display, Use the Mode/Coverage Up/Down buttons – see Initial Setup: Initial Settings.
- To control the fan speed use the Fan Up/Down buttons.

**CAUTION: Never adjust the setting to exceed square footage of ventilated space being treated.**

### Using Sani + Booster

Press the Sani + Booster button and verify that “Away” is shown in the lower right of the display.

- To set the Sani + Booster timer, press the Sani + Booster button. Each press of the Sani + Booster button increases the running time of the Sani + Booster.
- Select 0:30, 1:00 or 2:00 hours.
- Press the Sani + Booster button once more to switch the unit back to Normal Mode.

## LCD Reminders

### Replace Plate

When “Replace Plate” appears, the Purification Plate has reached the end of its useful life and must be replaced. To order a replacement, go to [www.edenpuresupport.com](http://www.edenpuresupport.com). Once a replacement has been obtained, follow the instructions in the “Disassembly/Assembly” section to replace your old Purification Plate with your new one.

### Replace PCO Cell

When “Replace PCO Cell” appears, the PCO Cell has reached the end of its useful life and must be replaced. To order a replacement, go to [www.edenpuresupport.com](http://www.edenpuresupport.com). Once a replacement has been obtained, follow the instructions in the “Disassembly/Assembly” section to replace your old PCO Cell with your new one.

### Perform Cleaning

“Perform Cleaning” will display once the 30-day operation cycle between cleanings has passed. The unit will require a complete cleaning. Follow the instructions in the “Cleaning” section, then see the “Resetting Reminders” below to reset the reminders. The “Perform Cleaning” reminder will appear again after 30 days.

### Resetting Reminders

After replacing the Purification Plate or the PCO Cell, the corresponding reminders will reset themselves. After cleaning the unit, you should reset the reminders by holding down the Maintenance Reset button on the Control Panel of the unit. The reminder has been reset when “Perform Cleaning” no longer appears on the panel.



# Disassembly

## Tools Required

You will need a #2 Phillips screwdriver.

## Workspace Recommendations

A countertop or flat surface is ideal for disassembling/assembling your unit. It is recommended to use a small bowl or cup to hold any screws so they are not lost during the disassembly/assembly process.

## Disassembly Instructions

- Turn the unit off.
- Remove the Power Cord from the wall and rear of the unit.
- Clean the exterior of the unit if necessary.

## Removing the Rear Cover

- Using your screwdriver, remove the Rear Cover Screw from the Rear Cover (above the Power Cord Port). Place the Rear Cover Screw where you will find it easily during reassembly.
- Squeeze the tabs on both sides of the Rear Cover (where the grooves are) until they release and tilt the Rear Cover upwards until the top tab releases. Clean with compressed air or a damp cloth. Set the Rear Cover aside.

## Removing the Filter Assembly

- Remove Brass Thumbscrews from the top corners of the Filter Assembly. Place the Brass Thumbscrews where you will find them easily during reassembly.
- Grasp the top of the Filter Assembly and tilt it away from the unit. Clean if necessary and set it aside.

## Removing the Purification Plate

Grasp the Purification Plate on the ceramic and gently pull it out of the grooves on the sides. Clean it and set it aside.

## Removing the PCO Cell

- Locate the PCO Cell Power Connector on the right and rear of the unit (beside the Purification Plate slot). Squeeze the tabs on the top and bottom of the PCO Cell Power Connector and pull gently until it's free from the PCO Cell Power Connector Outlet.
- Remove the Thumb Nuts from the Screw Posts on the right and left below the PCO Cell. Place them where you will find them easily during reassembly.
- Gently slide the PCO Cell out of the unit. Clean it and set it aside. Clean the interior of the unit.

# Assembly

## Tools Required

You will need a #2 Phillips Screwdriver

## Installing the PCO Cell

- Position the PCO Cell inside the unit so that the two tabs are on the bottom and interior side of the PCO Cell. Ensure the holes in the two tabs fit over the two Screw Posts. Screw the Thumb Nuts into the Screw Posts until they are snug.
- Align the PCO Cell Power Connector with the PCO Cell Power Connector Outlet and push gently until the tabs at the top and bottom of the PCO Cell Power Connector snap into place, holding it in the PCO Cell Power Connector Outlet.

## Installing the Purification Plate

- Holding the Purification Plate by the ceramic, slowly insert it into the Purification Plate Slot, ensuring that the Purification Plate is sliding into the grooves on either side.

**NOTE:** About halfway in, the Purification Plate Connectors are parted. Continue sliding the Purification Plate into the Purification Plate Slot until there is approximately one inch of the Purification Plate remaining outside the Purification Plate Slot and significant resistance is met. Be careful not to force the Purification Plate further into the Purification Plate Slot as this could seriously damage the unit.

## Installing the Filter Assembly

- Hold the Filter Assembly with the larger flat side facing the interior of the unit. A sticker reading, “Caution: Reinstall Filter After Cleaning” is located on the opposite side of the Filter Assembly. This sticker should be visible when you install the Filter Assembly.
- Insert the bottom of the Filter Assembly into the tabs on the rear of the unit and then seat the Filter Assembly on the rear of the unit. **NOTE:** If the Filter Assembly isn't inserted into the tabs properly, disassembling the unit in the future could be extremely difficult.
- Screw the two Brass Thumbscrews into their holes at the top corners of the Filter Assembly.

## Installing the Rear Cover

- Place the tab at the top of the Rear Cover into the hole at the top of the Filter Assembly, then lay the Rear Cover flat against the rear of the unit until the tabs on the sides of the Rear Cover click into place on the unit.
- Carefully insert the Rear Cover Screw into its hole on the Rear Cover (above the Power Cord Port) and tighten.

## Installing the Power Cord

- Insert the Power Adaptor Plug into the rear of the unit.
- Ensure the Power Cord is properly connected to the Power Adapter.
- Insert the Power Plug into a wall outlet.

## Turning the Unit On

Press the power button. Ensure that the unit's settings are adjusted to suit the environment.

# Cleaning

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**Your unit should be cleaned monthly to be kept running at peak performance. Depending on the pollution and odor levels present during initial set-up, it is advisable to clean the unit more frequently until the environment has been treated.**

## **Cleaning the Exterior of the Unit**

Wipe down the exterior with a damp cloth or use compressed air or a vacuum cleaner to remove dust. Use an alcohol-based cleaning product to clean the surfaces of the unit.

## **Cleaning the Filter Assembly**

You may use clean water or compressed air to clean your Filter Assembly once it has been disassembled.

## **Cleaning the Ionization Needle**

Use compressed air to blow off any dust that may accumulate near the Ionization Needle.

## **Cleaning the PCO Cell**

Using compressed air or a vacuum cleaner, blow and/or vacuum the dust out of the PCO Cell. Do not use liquid to clean the PCO Cell.

## **Cleaning the Purification Plate**

Using a 50/50 mix of warm water and clear ammonia (100% white vinegar can be used in place of water and ammonia), soak the Purification Plate for 8-10 hours but do not exceed 12 hours. Using a soft bristle brush, scrub the wire mesh to remove debris lodged inside the mesh. Rinse thoroughly. Allow the Purification Plate to air dry completely before reinstalling. After reinstalling, use a soft cloth and rubbing alcohol to clean the contacts on the interior of the unit that touch the Purification Plate.

## **Cleaning the Interior of the Unit**

Using a damp cloth, a clear alcohol-based cleaner, compressed air or a vacuum cleaner, carefully clean the walls and components inside the unit only after completing the Disassembly process.

# Troubleshooting

## The Unit Fails to Turn On

1. Verify that the Power Plug is plugged into an operational wall outlet.
2. Ensure that the Power Adaptor Plug is fully seated in the receptacle on the back of the unit.
3. Verify that the Power Button has been activated on the Control Panel.
4. If the Power Button on the Control Panel fails, use the Power Button on the Remote Control.

## The Unit is Operating in High Mode or Away Mode, but No Noticeable Purification is Being Produced

1. Ensure that the Purification Plate is clean.
2. The Purification Plate may not be working because it needs replaced. Try installing a new Purification Plate.
3. Check the electrical contact arms which touch the plate to ensure that they are making proper contact with the metal weave on the Purification Plate.
4. Ensure the electrical contact arms which touch the plate are clean. Clean them with a soft cloth and rubbing alcohol.
5. Turn the lights off in the room and look through the Front Grill at the Purification Plate. If it is operating properly, it will produce a dim purple glow.

## The Purification Plate Generates an Electrical Arc, an Arcing Noise or a Burning Odor

This means the Purification Plate is damaged and must be replaced. The unit may or may not display the Replace Plate LED reminder. To order a replacement, go to [www.edenpuresupport.com](http://www.edenpuresupport.com).

## The PCO Cell is Not Lighting Up

1. Ensure the PCO Cell Power Connector is properly seated in the PCO Cell Power Connector Outlet.
2. If the PCO still does not light up, it needs to be replaced. To order a replacement, go to [www.edenpuresupport.com](http://www.edenpuresupport.com).

## The Ionization Needle Creates an Electric Arc

The Ionization Needle needs to be cleaned. Be sure to complete all of the cleaning procedures every 30 days.

## The Fan Does Not Operate Properly

Try adjusting the fan speed using the Control Panel or Remote Control.

## The Unit Makes a Rattling Noise when Taken Out of the Packaging

Remove the back panel of the unit. Check to ensure the two brass Thumb Screws holding the Filter Assembly are in their proper place. If they are properly installed, remove the Thumb Screws and Filter Assembly and check the PCO Cell to ensure the two brass Thumb Screws securing the PCO Cell are installed properly.

# Warranty

The EdenPURE® OxiLeaf® XL100 comes with a 1 year limited component warranty. If your unit does not appear to be working properly, please contact our service department by calling 1-800-225-6595. Prior to your call, we encourage you to visit our service related website [www.edenpuresupport.com](http://www.edenpuresupport.com) for troubleshooting tips and service instructions if needed.

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