

TROUBLESHOOTING (CONTINUED)

Output seems ineffective.

1. Make sure unit is in an enclosed area.
2. Make sure unit is in an area no greater than 100 sq. ft. (9.3 sq. m.).
3. Make sure unit is not directly in the supply-air or return-air streams of the air conditioning system.

Fan is running, but no blue glow.

1. UV lamp is not seated correctly in the socket (see "Replacing the UV Lamp").
2. UV lamp needs to be replaced (see "Replacing the UV Lamp").
3. Bulb ballast is inoperative.

REPLACEMENT PARTS

Replacement parts can be ordered from any Dometic dealer. To find a dealer near you, go to: www.dometic.com

| PART NUMBER | REPLACEMENT PART DESCRIPTION |
|-------------|--|
| 4210804 | UV Lamp, 5" and Photocatalytic Nano-Mesh Divider (kit) |
| 2011029 | Fan, Axial 2" 12V DC 13 CFM |

WARRANTY

The portable Dometic Breathe Easy Air Purifier is covered by a limited warranty against defective material for 90 days from date of purchase. This warranty covers electronic parts only and **does not include the UV lamp**. The original product sales receipt is required as proof of purchase.

To file a warranty claim, contact a Dometic dealer. To find a dealer near you, go to: www.dometic.com



Portable Breathe Easy Air Purifier Owner's Guide



HOW IT WORKS

The Dometic Breathe Easy Air Purifier uses innovative Photocatalytic Nano-Mesh technology with ultraviolet (UV) light to destroy airborne biological contaminants and odors.

Airborne pollutants such as pollen, mold spores, bacteria, viruses, fumes, and odors are sterilized or molecularly transformed into nontoxic elements. The unit uses a specific frequency of UV light that produces no harmful ozone.

The density and quantity of pollutants present affect how rapidly the air will be cleaned. As air re-circulates and makes multiple passes through the system you will notice continuously improving purification levels.

SAFETY PRECAUTIONS



WARNING

- Do not use outdoors.
- Do not block air flow to unit. This may cause the fan to burn out.
- Keep the cord away from heated surfaces.
- Never open the cover without unplugging the power cord.
- Never operate this unit if it has a damaged cord or plug.
- If the unit falls into water, unplug it immediately. Do not reach into the water.
- If the unit is not working because it has been dropped, damaged, or submerged in water, return the unit for inspection and repair.



DANGER

- **Never look at a lit ultraviolet (UV) lamp.**
- **This equipment is not ignition protected per CFR 183.410 and may not be installed in areas that may be exposed to flammable gas.**

SYSTEM SETUP

Selecting the Location

- This unit is designed for an enclosed space up to 100 sq. ft. (9.3 sq. m.).
- Select an indoor location where air flow will not be blocked.
- Do not install directly in the supply-air or return-air streams of the air conditioning system.
- Do not install in areas that may be exposed to flammable gas.



Power

The unit includes adapters to operate on 12V DC power or 115V/60Hz, 220V/50Hz, or 230V/60Hz AC power.

Installation

Use the suction cups on the bottom to anchor the unit to any smooth, flat surface. Or, mount the unit to screws (not included) on a wall using the slots on the bottom. A #8 screw (maximum) fits into the slots.

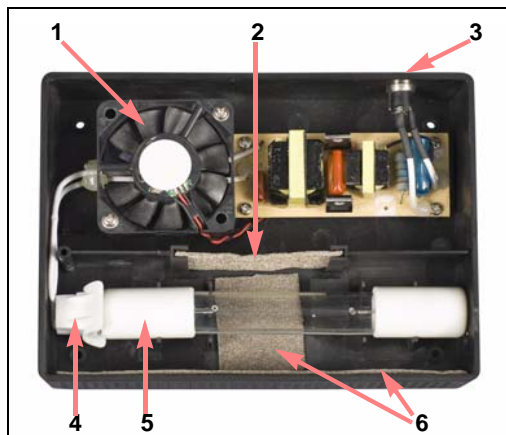
SYSTEM OPERATION

ON - Connect the power cord to the back of the unit then plug it into the appropriate AC or DC power source. The fan and UV light activate (look for a blue glow) and the air purification process begins.

OFF - Disconnect the power cord to the unit.

MAINTENANCE

Figure 1: Interior Components



| | |
|---|--|
| 1 | Fan |
| 2 | Removable Nano-Mesh Divider |
| 3 | Power-Cord Connection Point (exterior) |
| 4 | Lamp Socket |
| 5 | Ultraviolet Lamp |
| 6 | Non-Removable Nano-Mesh Strips (also on inside of cover) |

Replacing the UV Lamp

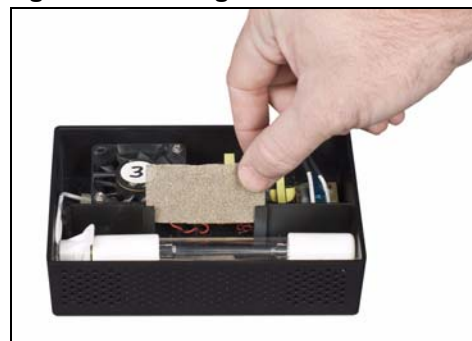
Like all lightbulbs, UV lamps have a limited life span. Unlike regular lightbulbs that work until they burn out, UV lamps lose their germicidal effectiveness over time (after about 9,000 hours) and must be replaced even though they may still produce light.

After approximately 1 year of continuous use (or 2 - 3 years of intermittent use), the UV lamp will lose power and have to be replaced. Follow these steps:

1. Unplug the unit from the electrical outlet.
2. Unscrew the 4 inset screws on the 4 corners of the bottom panel and remove the cover.
3. Allow 5 minutes for the lamp to cool, then locate the white lamp socket and pull the lamp straight out.
4. Replace with a new Dometic UV lamp (model 4210804). Use of any other lamp will void the warranty. Insert the lamp prongs firmly into the socket.
5. If any interior cleaning is required, do it now. (See "Cleaning" below.)
6. Reassemble the unit then reconnect power. Check for a blue glow inside the unit. Never look directly at a lit UV lamp.

Replacing the Removable Nano-Mesh Divider

Figure 2: Removing the nano-mesh divider



Replace the photocatalytic nano-mesh divider that separates the fan compartment from the lamp compartment each time you change the UV lamp. A replacement 1" x 2" (25mm x 50mm) nano-mesh divider is included with each replacement UV lamp.

While the cover is off (see "Replacing the UV Lamp" for instructions), lift the nano-mesh divider out of the slots. Insert the new nano-mesh divider lengthwise into the slots. It does not matter which side of the nano-mesh faces the lamp.

Cleaning

Exterior - Use a soft, dry cloth to wipe away any dust or debris that may accumulate around the vent holes.

Interior - *Make sure the unit is unplugged before opening the case.* (See "Replacing the UV Lamp" for instructions.) Blow away general dustiness with canned air suitable for use on computers.

Fan -When replacing the UV lamp or if you notice a reduction in air flow, dust the internal fan using a soft brush.

Removable Nano-Mesh Divider - If you notice a reduction in air flow, clean the removable 1" x 2" (25mm x 50mm) photocatalytic nano-mesh divider that separates the fan compartment from the lamp compartment. Lift it out of the slots then brush off the debris or clean it with dish soap and water. Let it dry, then slide it back into position. (A replacement nano-mesh divider is included with each replacement UV lamp.)

Non-Removable Nano-Mesh Strips - If necessary, dust the non-removable nano-mesh strips gently with a soft brush to remove debris.

UV Lamp - If the unit is in a very smoky or dusty area we suggest you clean the UV lamp periodically with a soft cloth and alcohol. Allow the lamp to cool before cleaning. Under these dusty conditions, also clean the fan and nano-mesh divider as described above.

TROUBLESHOOTING

No power, unit does not turn on (no fan noise).

1. Make sure the unit is plugged in at the back of the unit and at the power source.
2. Verify that the power source is working.

Output seems low.

1. Remove any obstructions at the unit's input and output vents.
2. Clean the removable nano-mesh divider (see "Maintenance").
3. If unit is in a very smoky or dusty area, clean the UV lamp (see "Maintenance").
4. Is it time for a new lamp? The UV lamp should be replaced each year (see "Maintenance").