

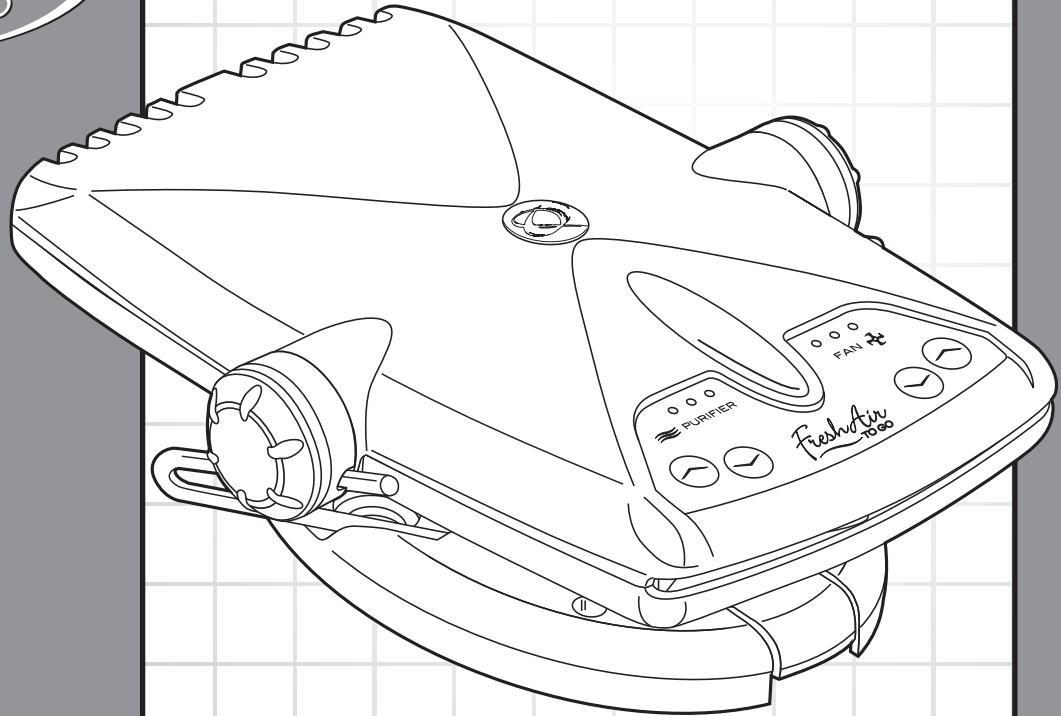
62-000110-001  
FATG OM 0604



Anywhere.  
Everywhere.  
Fresh Air...



To Go.



# OWNERS MANUAL

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**WARNING!** - UV Lamp operation. Do not operate this unit unless the case is completely and correctly assembled. Failure to comply may result in serious eye damage.



**CAUTION!** - Use Purifier Function in accordance with directions found in this manual only.

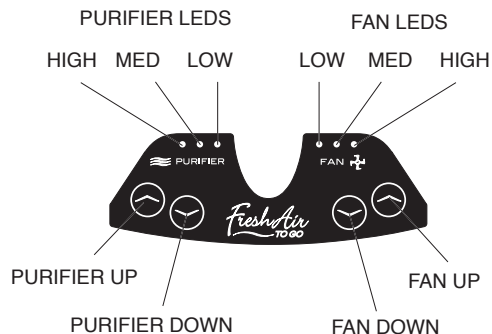


**CAUTION!** - Disconnect power cord before servicing.

## Specifications

- 12VDC or 110 - 240 VAC 50/60Hz
- Operating Temperature: 45°F - 100°F (7°C - 38°C)
- Maximum 10 watts
- Fixed 6 KV DC needle ion generator
- 3 speed fan
- Fuse (12VDC adapter only): 1.6 amp short Buss type
- Size: 4" x 6" x 1.25" (10cm x 15cm x 3cm) w/o base
- Weight: < 8 ounces (.23kg)
- See Warranty Card for warranty information

## Control Pad Layout



## Operation

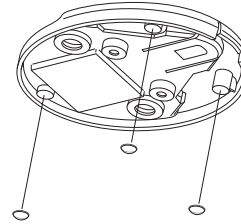
1. If desired, mount the Base in an appropriate location (see page 4).
2. Adjust the wire stand (see page 4).
3. Plug in either the 12VDC car adapter or the AC adapter (see page 5).
4. Snap the unit and wire stand into the base.
5. The Fresh Air To Go unit will come on when either of the FAN buttons on the control pad are pressed.
6. Adjust the fan speed by pressing the FAN UP and FAN DOWN buttons. The unit may also be turned off by pressing either the FAN UP when the fan is set on HIGH, or FAN DOWN when the fan is set on LOW. When the unit is off, all the LED lights will also be off
7. Set the purifier by pressing the PURIFIER UP and PURIFIER DOWN buttons. See the Purifier Settings chart (page 4) for proper adjustments. When the purifier is set to off, the PURIFIER LEDs will also be off, the FAN LED(s) will remain on.

### Purifier Settings & Coverage

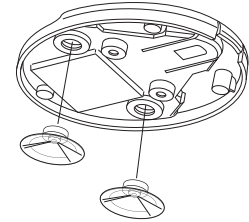
- ● ☀ Low: compact car, pick up, small office
- ☀☀ Med: mid to full size car, SUV, RV, etc.
- ☀☀☀ High: min. 500 ft<sup>2</sup> (46m<sup>2</sup>) - large RV or unoccupied car or pickup
- ● ● OFF: Purifier off, ionization & fan continue operating

## Mounting the Base

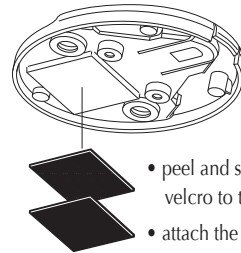
The base for the Fresh Air To Go can be mounted using the included suction cups, velcro, or screws, depending on preference. When using suction cups or velcro, be sure the surface is smooth and clean. Dirt, grease, protectants, and other substances will affect performance and holding ability.



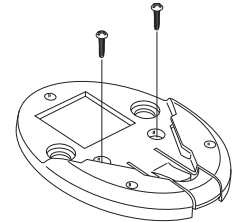
- Apply clear urethane feet before mounting base, then...



- attach suction cups by pressing and twisting into the base, or...



- peel and stick one part of the velcro to the base, then
- attach the other to a clean, dry surface, or...



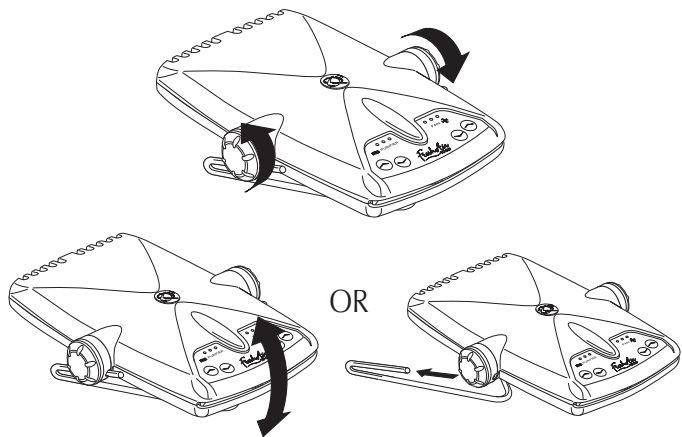
- screws may be used for extra security and where the other methods are not appropriate.

## Adjusting the Wire Stand

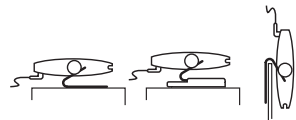
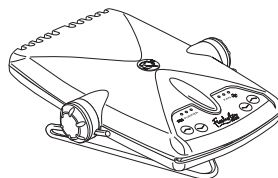
The wire stand on the Fresh Air To Go allows for quick release from the base, provides a stand or hanger for the unit independent of the base, and allows the unit to either stand or hang from the base depending on how the base is mounted.

To adjust the wire stand, loosen the two knobs on the sides of the unit approximately 1/2 turn. The unit may then be tilted up or down to adjust the angle or moved on the wire stand to change the height.

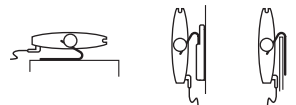
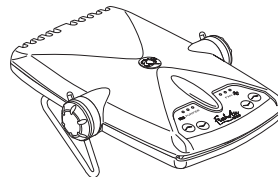
You can also remove and change the position of the wire stand to accommodate several different mounting methods. To reinstall, simply align the two clamp collars and insert the wire stand. Once the unit is adjusted, tighten both knobs to hold it in place.



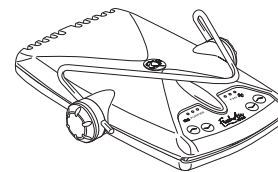
## Wire Stand Positions



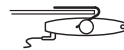
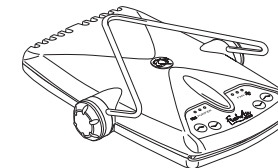
- Sitting on a flat surface with or without the base
- Hanging over an edge pointing down (laundry hamper, garbage can, etc)



- Sitting on a flat surface without the base
- On a vertical surface with the base (wall mount, window, etc.)
- Hanging over an edge pointing up (seat pocket in car)



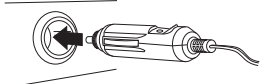
- Hanging from an inclined surface (windshield, under dash, etc)
- Hanging on an edge pointing in (closet shelf)



- Hanging on an edge pointing out (shelf edge)

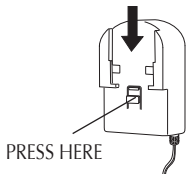
## Power Adapters

Fresh Air To Go comes with both a 12 volt DC car adapter and a 100 - 240 volt 50/60 Hz AC adapter with interchangeable plugs.

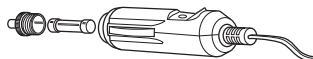


- Insert the car adapter into an appropriate 12 volt automotive type power outlet.

OR



### 12VDC Adapter Fuse



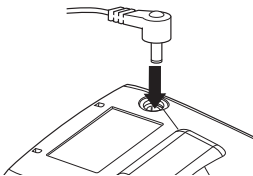
To change the car adapter fuse, unscrew and remove the front of the adapter. Replace with the same type and rating only

- Select and install the proper international plug into the AC adapter. Insert correctly assembled adapter into a standard electrical outlet.

NOTE: when installing one of the interchangeable plugs, be sure to snap and lock it into place. When removing a plug, press the raised tab to release, then slide the plug out the top.

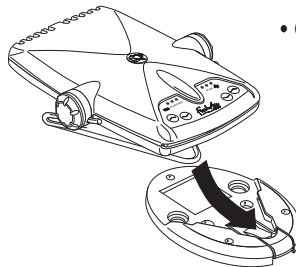
THEN

- Insert the small adapter plug into the opening located underneath at the rear of the unit.



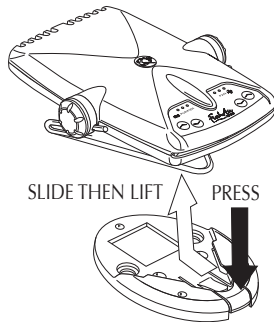
## Portability

Depending on how it is mounted, your Fresh Air To Go can be ready to take with you in just a few seconds.

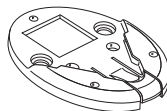


- Once the unit is assembled and the base mounted, simply snap the wire stand into the base. The latch at the front of the base should snap into place, locking in the stand and unit.

NOTE: If you prefer to remove the base and unit together, mount the base with velcro or suction cups to a clean, dry surface.



- To remove the unit from an attached base, press down on the front latch and slide the unit back, then up



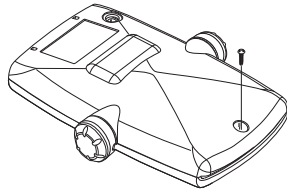
For added convenience, mount extra bases (item #70142) where you use your Fresh Air To Go most. See your EcoQuest Dealer for more information.

## Disassembly

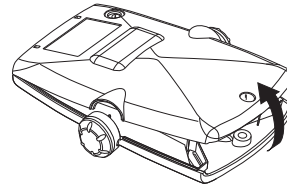
All user maintainable parts of the Fresh Air To Go are accessed by removing the lower half of the case. The unit must be disconnected from its power source before servicing, and should not have the power reconnected unless the case is correctly and completely reassembled.

## Yearly Maintenance

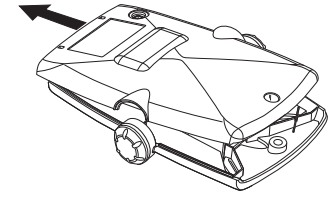
A service kit is available for your Fresh Air To Go. The kit contains a new RCI Target, UV bulb, and EcoTech Purification Plate. For optimum performance, EcoQuest recommends replacing these components annually. See your EcoQuest Dealer for more Information.



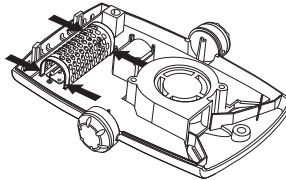
1. Turn unit over and remove screw at the front of the unit.



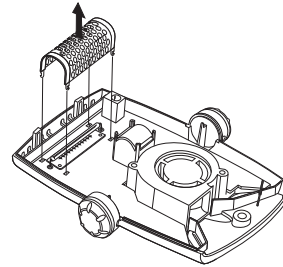
2. Tilt the front of the lower half of the case up about 1/2 inch.



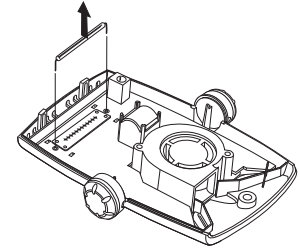
3. With the front tilted up, slide the lower half of the case back until it is free.



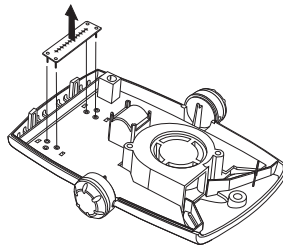
4. Press the ends of the RCI target to release it as you pull up.



5. Remove the RCI Target from the unit.



- 6 Remove the UV bulb by gently pulling straight up.



7. Remove the Ecotech Purification Plate by gently pulling straight up.

8. Reinstallation is the reverse of the above steps:

- EcoTech Purification Plate - align the four pins with the four sockets and press gently.
- UV lamp - align the two bulb wires with the two sockets at the ends of the plate and insert.
- RCI Target - install the "legs" of the target into the four holes in the green PC board.
- Carefully replace the bottom case being sure the pins inside the back of the bottom case fit into the two standoffs at back of the top case. Slide the bottom case forward then down.
- Check for proper case alignment before installing and tightening the screw. Failure to correctly assemble may cause damage to the case.

## Cleaning

Depending on conditions, your Fresh Air To Go will require periodic cleaning of certain internal components every one to three months.

To perform proper cleaning, remove the RCI Target, UV bulb, and Ecotech Purification Plate as shown (see *Dissassembly*, page 6).

### RCI Target

Clean the target with a soft brush and hot water. Allow to dry thoroughly before reinstalling.

### UV Bulb

The UV bulb should be gently wiped with a soft, dry cloth. Avoid handling the UV bulb more than necessary.

### Ecotech Purification Plate

The top area of the Ecotech Purification Plate can be cleaned with ammonia or alcohol and a cotton swab. Do not use water.

### Case

Clean the exterior case of your Fresh Air To Go with a soft cloth dampened (not wet) with water. Do not use harsh chemicals or solvents.

### Fan / Interior of unit

The interior and fan may be cleared of dust using canned air suitable for electronics.

## Troubleshooting

**WARNING: Under no circumstances should your Fresh Air To Go unit be operated while any part of the case is damaged, missing, or disassembled. If the case is damaged, return your unit to EcoQuest for repair or replacement. Direct exposure to the internal UV light may cause eye damage.**

### Unit does not operate / the fan does not operate / all LEDs off

- Unplug and reinsert the adapter plug and adapter.
- Press the FAN UP or FAN DOWN buttons to turn the unit on.
- If using the 12VDC car adapter, remove the fuse by unscrewing the end of the adapter and check to see if it is blown. Replace it with the same type and rating fuse only (see *Specifications*). If the fuse is not blown, check the outlet for proper voltage.

### Purifier Plate / UV bulb may not be working

- Press the PURIFIER UP or PURIFIER DOWN buttons to turn the Purifier function ON.
- Remove the UV bulb and Ecotech Purification Plate, clean, and reinstall (see *Disassembly and Cleaning*).
- If cleaning and reinstalling the plate does not correct the problem, replace the plate.
- When looking through the rear inlet vents in low light you should see a slight bluish glow. If there is no glow and reinstalling doesn't correct the problem, replace the bulb.

### Lack of air flow

- Make sure the intake vents are not blocked and the front of the unit is clear.
- Check to see if the fan is operating (if not, see above).

If your unit fails to operate properly after performing troubleshooting, contact your EcoQuest Dealer for further assistance, contact EcoQuest at the address in this manual, or visit [www.EcoQuest.com](http://www.EcoQuest.com) for additional support.

This equipment has been tested and found to comply with the limits for Industrial, Scientific and Medical Equipment (ISM), pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

#### FCC DECLARATION OF CONFORMITY

Name: EcoQuest Model: Fresh Air To Go

Manufacturer:

EcoQuest Manufacturing

This device complies with Part 18 of the FCC Rules.

#### RESPONSIBLE PARTY

EcoQuest International, 310 T. Elmer Cox Dr., Greeneville, TN 37743

Ph: (888)664-1812

Signature: 

Printed Name: R. Paul Beam

Title: Engineering Manager Date: 7/12/04

## Warranty Information

This product is of solid state construction and is warranted by

### EcoQuest International

310 T. Elmer Cox Drive

Greeneville, TN 37743

to the original purchaser, depending on model, to be free from defect in materials and workmanship for a limited time.

Length of warranty will vary depending on model.

See warranty card for specific details.

If you have any questions concerning your Fresh Air To Go, please see your local EcoQuest Dealer.

Please record the name and phone of your EcoQuest Dealer:

Name \_\_\_\_\_

Phone \_\_\_\_\_

Please record the serial number of your Fresh Air To Go:

Serial # \_\_\_\_\_



310 T. Elmer Cox Drive

Greeneville, TN 37743

(888)664-1812

www.EcoQuest.com

*Did you forget to register your Fresh Air To Go?*

By registering, you'll activate your warranty, and your privacy is guaranteed. Just fill out your warranty card and drop it in the mail.