

# Model PC02450 VectorFlo®

**UV Air Purifier**  
**Residential Whole-House (GFI #4840)**

## ***Breathe Healthier***

**Kill Germs, Bacteria,  
Fungus and Viruses.  
Remove Odors Inside  
Your Home.**

**Bring the germ-killing power of  
the outside sun inside your home  
and clean the air in ways filtration  
alone can't. Breathe even  
healthier air with GeneralAire®  
UV Air Purifiers.**



### **How the PC02450 Works:**

Bring the germ-killing power of the outside sun inside your home and clean the air in ways filtration alone can't. Breathe even healthier air with GeneralAire® UV Air Purifiers.

Details inside or go to: [www.generalfilters.com/modelPC02450](http://www.generalfilters.com/modelPC02450)

### **Maintenance**

Maintenance of your new GeneralAire® PC02450 is minimal. To ensure peak performance and reliable operation, simply replace your UV Lamps every two years; or approximately 18,000 hours.

### **Install a UV air purifier in your home to:**

#### **Lessen bouts of colds and flu:**

The PC02450 works like the sun outdoors to kill germs, bacteria and viruses, thereby reducing the occurrences of flu, colds and infection and keeping your family healthy.

#### **Reduce risk of respiratory ailments:**

The PC02450 reduces levels of airborne fungus and mold; causes of respiratory problems in people with and without allergies and asthma.

#### **Neutralize odors:**

Whether from cooking, pets, tobacco, or hobbies, your PC02450 neutralizes odors and other VOC's.

### **Why a Whole-House Unit?**

- Treats your whole house 24/7/365
- Requires Minimal Maintenance
- Out of Sight
- Quiet

Manufacturers of Whole House Residential Indoor Air Quality Products.  
Humidifiers - Dehumidifiers - Air Cleaners - UV Air Purifiers - Heat/Energy Recovery Ventilators

[www.generalfilters.com](http://www.generalfilters.com)



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**Residential Whole-House (GFI #4840)**

## Just Like the Sun!

*Bring the outdoor sun inside*

The sun naturally eliminates harmful bio aerosols outdoors. The PCO2450 VectorFlo® brings the sun's power indoors!

**Solid, sturdy construction.**

**Easy, Fast Installation.**

**Does not produce ozone.**

## TiO2 Semiconductor Plates (2)

- Electrostatically coated honeycombed aluminum cells permanently bonded at high temperatures with nanosized crystallites of titanium dioxide (TiO2) in anatase form; one of the most effective catalysts available.
- Never need to clean or replace!
- Honeycombed design creates 24 Sq. Ft. bioaerosol-killing surface area.
- Safely deconstructs gaseous contaminants and deodorizes your indoor air.
- Delivers the highest-performance kill rate in the market.
- Utilizing the "Venturi Effect", the plates slow air passing through unit for longer exposure and for greater air purification.

## 18" - 50 Watt UVC Lamp

- High output UV light imitates the air purifying intensity of the sun indoors to kill mold, mildew, germs, bacteria, viruses and other destructive bioaerosols.
- Effectiveness unmatched by other UV air treatment brands.
- Reduces viral & bacterial activity by 95% in less than 5 hours.
- 200-280 nanometers.
- Lasts for 18,000 hours (Approximately 2 years).

## Inside the Box

- Model PCO2450 VectorFlo® UV Air Purifier
- Warranty Card
- Installation Manual
- Sheet Metal Screws
- Power Cord
- UV Light (Inside PCO2450)

## Unlike No Other UV Air Purifier, The PCO2450:

- **Neutralizes** Odors from tobacco, pets, cooking.
- **Reduces** levels of bacteria, fungus, germs, viruses.
- **Destroys** Harmful VOC's.
- **Deconstructs** gaseous contaminants and toxic organic molecules to harmless carbon and water.

**Do not look directly at a lamp that is turned on. Never touch lamp with bare hands.**

**Dip switch allows for selection of 120Vac or 208-240 Vac.**

## PCO2450 VectorFlo® Specifications

Weight	4 Lbs.
Length in Duct	18"
VectorFlo® PCO TiO <sub>2</sub>	3,500 Sq. Inches / 24 Sq. Feet
Voltage	120 or 240 V Options
Ballast	High Output Temperature Compensating (HOTC) 120v / 240v Ballast (GFI #4884)
Static Pressure	Increase Less Than .02
Air Flow	Max 2000CFM or 4,000 Sq. Ft.
Lamp Intensity	135 µw/cm <sup>2</sup> @ 1 meter
Amperage	1.5A
Replacement Lamp	50 Watt, 18" UVC Lamp LT-50 (GFI #4448) Replace every two years or 18,000 hours.
Warranty	Five Years



[www.generalfilters.com](http://www.generalfilters.com)



**Our Other Brands**



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