



**GENERAL FILTERS**  
INCORPORATED

**GeneralAire® Model GUV100A83**  
Super Plasma UV Air Purifier

**UV Air Purifier**  
Residential Whole-House (GFI #4142)

## ***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 GUV100A83 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/modelGUV100A83](http://www.generalfilters.com/modelGUV100A83)

### **Maintenance**

Maintenance of your new GeneralAire® GUV100A83 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 GUV100A83 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 GUV100A83 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 GUV100A83 neutralizes odors and other VOC's.

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

- Treats Your Whole House 24 / 7 / 365
- Requires Minimal Maintenance
- Out of Site
- Quiet



General Filters, Inc.  
43800 Grand River Avenue  
Novi, Michigan 48375  
Toll Free: (866) 476-5101  
[www.generalaire.com](http://www.generalaire.com)



Canadian General Filters, Ltd.  
400 Midwest Rd.  
Toronto, ON M1P3A9 Canada  
Toll Free: (888) 216-9184  
[www.cgfproducts.com](http://www.cgfproducts.com)





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Light Wavelengths in Nanometers  
(nm)

Cosmic Rays		0 nm
Gamma Rays		25 to 50 nm
X-Rays		50 to 100 nm
UVV		100 to 200 nm
UVC	Short Wave Band	200 to 280nm
UVB	Medium Wave Band	280 to 315nm
UVA	Long Wave Band	315 to 400nm
Visible Light		400 nm
Infrared		700 nm
Radio Waves		1200nm

**The air we breathe outdoors is purified and controlled naturally by the sun.**

A spectrum or wavelength of Ultraviolet (UV) light blocks the excessive growth of reproductive microorganisms that can cause health problems from the air we breathe.

### 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!

All ultraviolet (UV) light is measured in units called nanometers. A nanometer (nm) is a wavelength of light approximately 1/25,000,000 inch or a billionth of a meter. Wavelengths of visible light range from about 400 to 700nm. UV wavelengths range from about 1 to 400nm. The UV wavelength is shorter than visual light and is rendered invisible to the human eye.



**Be sure unit is turned off during installation or lamp replacement. Do not look directly at bulbs that are on. Do not touch lamp with bare hands.**

### Replacement Bulb

- GFI#4447 - LSK36

Spec Sheets Are Available On [www.GeneralFilters.com](http://www.GeneralFilters.com) (Support / Literature).



Our Brands



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Download online at: [www.generalfilters.com/literature/brochures](http://www.generalfilters.com/literature/brochures). All information subject to change without notice.

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