LIMITED WARRANTY

To the consumer, Guardian Technologies LLC warrants this product to be free of defects in materials or workmanship commencing upon the date of the original purchase. In order to be eligible for this Limited Warranty, an original sales receipt or comparable substitute proof of purchase bearing the date of original purchase is required. Refer to the original product carton or specific product/model page on the Guardian Technologies website for warranty length for your particular model. This warranty applies only to the original purchaser of this product from the original date of purchase. This warranty covers product purchased from authorized distributors only.

This warranty applies to repair or replacement of product found to be defective in materials or workmanship. This warranty does not apply to damage resulting from unusual wear, commercial, abusive, unreasonable use or supplemental damage. This warranty does not cover damage from unauthorized repairs or from any use not in accordance with the instruction manual. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

If this product should become defective within the warranty period, we will repair or replace any defective parts free of charge. All warranty repairs must be completed by Guardian Technologies LLC. This warranty gives you specific legal rights and you may also have other rights (other rights may vary from state to state in the U.S.A.)

To submit product under warranty the complete machine must be delivered pre-paid to GuardianTechnologies LLC. Please include complete information including: the problem, the model number of the product, the day of purchase, and a copy of the original sales receipt along with your name, address, and telephone (email optional). Address returns to the attention of: Customer Service, at the address below. Additional questions or comments can be made toll free to the number listed below.

USA and Canada
Guardian Technologies LLC
26251 Bluestone Blvd.
Euclid, Ohio 44132
1.866.603.5900
www.guardiantechnologies.com

Please go to www.guardiantechnologies.com to register your product. We consider the registration process important to ensuring superior service to our customers, however submitting the warranty registration is optional and does not affect your rights to utilize this warranty according to the conditions stated above.

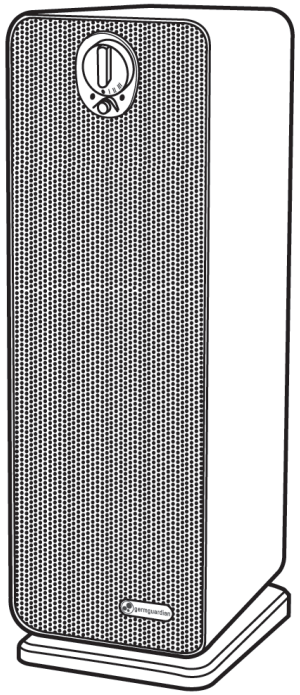
Additional copies of the instruction manual can be obtained by accessing and printing directly from our website or calling customer service.

guardian technologies™

©2016 Guardian Technologies LLC

guardian technologies™

USE & CARE INSTRUCTIONS



Air Cleaning System

Model No. RAC4900

30-Dday Limited Warranty

Customer Service

1.866.603.5900

www.guardiantechnologies.com

Date Purchased month _____ year _____

English E - 1 **French** F - 1 **Spanish** S - 1

Use GENUINE Guardian Technologies replacement parts only.

REV0818

READ AND SAVE THESE INSTRUCTIONS

WARNINGS

Failure to comply with the warnings listed below may result in electric shock or serious injury.

This product should be used only in accordance with the specifications outlined in this manual. Usage other than what has been specified here may result in serious injury.

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Read all instructions before using appliance.
- IMPORTANT - This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
- To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
- Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiator, stoves or heaters.
- To protect against electrical hazards, DO NOT immerse in water or other liquids. Do not use near water.
- Children cannot recognize the hazards associated with the usage of electrical appliances. For this reason, always supervise children when they are near the unit.
- Always unplug the air purifier before moving it, opening the grill, changing filters, cleaning or whenever the air purifier is not in use. Be sure to pull by the plug and not the cord.
- NEVER drop or insert any object into any openings.
- DO NOT run cord under carpeting.
- DO NOT cover cord with throw rugs, runners, or similar coverings.
- DO NOT route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- DO NOT operate any appliance with a damaged cord or plug, if motor fan fails to rotate, after the appliance malfunctions, or if it has been dropped or damaged in any manner. Call Customer Service at 1.866.603.5900 for assistance.
- Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
- DO NOT use outdoors.
- DO NOT place anything on top of unit.
- NEVER block the air openings, grills/outlets or place on a soft surface such as a bed or sofa, as this could cause the unit to tip over, blocking the air intake or outtake opening.
- DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.

- WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- WARNING: Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before replacing lamp or servicing. Replace Lamp With Lamp Manufactured by Guardian Technologies.
- Always unplug the unit before before cleaning or servicing in any way.
- CAUTION: Do NOT use gasoline, benzene, thinner, harsh cleaners, etc. on and/or in the unit while cleaning as they will damage the product. NEVER use alcohol or other solvents.

The 8 hour TWA Ozone for this product is 0.001 ppmv when tested in a 30 m^3 chamber. The product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24-hour period. The Health Canada Guideline 2010 recommends that the maximum exposure limit, based on averaging time of 8 hours, is 0.020 ppmv or less when tested in a sealed, controlled room approximately 30 m^3.

WARNING: This product can expose you to chemicals including lead or lead compounds, which are known to the State of California to cause cancer or birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov.

Hg LAMP CONTAINS MERCURY

Manage in accordance with Spills, Disposal and Site Cleanup Requirements. In case of breakage, follow clean-up procedures provided by contacts below.

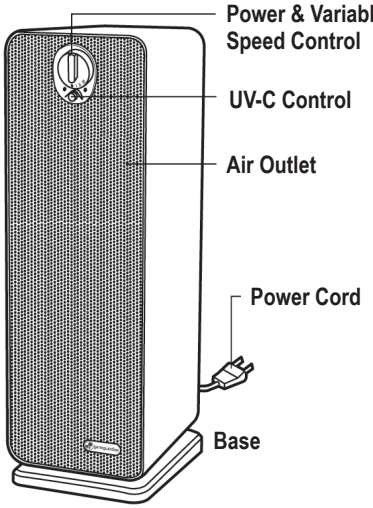
www.epa.gov/cflcleanup 1-866-284-4010

ENERGY STAR

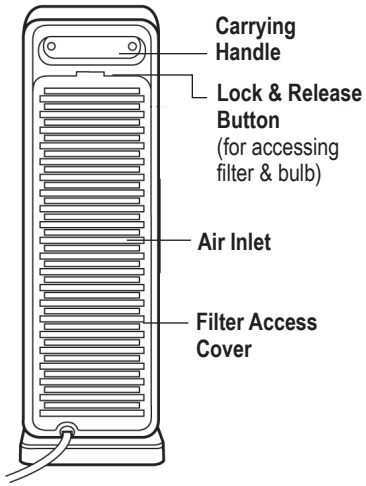
This product earned the ENERGY STAR by meeting strict energy efficiency guidelines set by the US EPA. US EPA does not endorse any manufacturer claims of healthier indoor air from the use of this product.

The energy efficiency of this ENERGY STAR qualified model is measured based on a ratio between the model's CADR for Dust and the electrical energy it consumes, or CADR/Watt.

PRODUCT SPECIFICATIONS AND PARTS

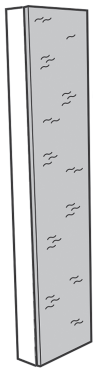


Front of Unit



Back of Unit

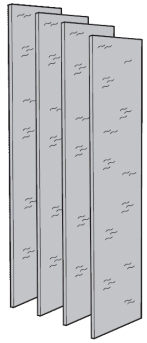
REPLACEMENT PARTS



FILTER:
Filter B
Model No. FLT4825

UV-C BULB (5W)
Model No. LB4000

REPLACEMENT CARBON FILTER 4-PACK:
Model No. FLT22CB4



Check out our
AutoShip & Save
Filter Replacement Program™
www.guardiantechnologies.com

IMPORTANT: To maintain the performance of the air cleaner, use Guardian Technologies GENUINE Replacement Parts only. To Purchase Contact Customer Service

AIR CLEANING SYSTEM

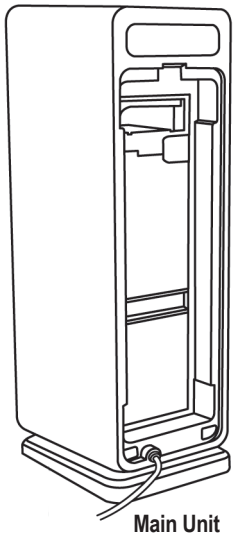
Improve your indoor air quality with your new 3-in-1 Air Cleaning System.
Multiple levels of cleaning work together to capture allergens, kill germs and remove odors.

Prefilter/Charcoal - This layer serves as a pre-filter for capturing large dust particles; lint and pet hair which helps extend the life of your filter. The activated carbon absorbs household and pet odors.

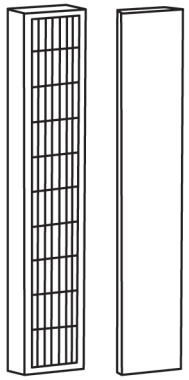
Activated Carbon Filter - Charcoal/Activated Carbon contributes to the control and prevention of the growth of bacteria, germs and mold.

UV-C Light - UV-C light technology works with Titanium Dioxide (TiO2) to enhance the elimination of airborne germs. TiO2 is activated by the UV-C light to decompose remaining odor molecules caused by smoking, cooking and pets.

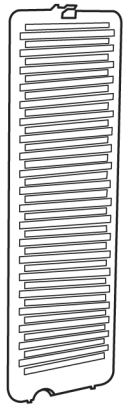
AIR CLEANING LAYERS



Main Unit



Combination FILTER B
Includes Pre, Charcoal & HEPA Filters



Rear Cover
with Air Inlet Grill

OPERATING INSTRUCTIONS

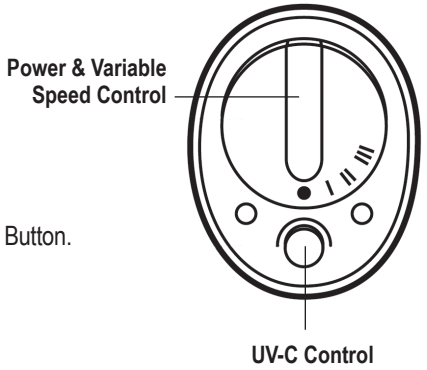
BEFORE OPERATING THE AIR PURIFIER:

1. Select a firm, level and flat location for the air purifier.
   * For proper air flow, locate the unit at least 1 foot from any wall or furniture.
   * Make sure none of the grills are blocked.
2. Plug the power cord into a 120V AC outlet.

IMPORTANT: When moving the air purifier, always lift unit by the carrying handle located on back.

OPERATING THE AIR PURIFIER:

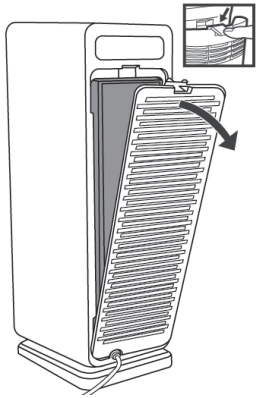
1. Plug the power cord into a 120V AC outlet.
2. Turn unit power ON.
   • Select fan speed setting:
   I = lowest speed setting
   III = highest speed setting
3. Select UV-C ON or OFF using UV-C Mode Button.



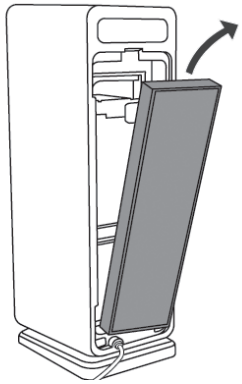
FILTER REPLACEMENT

The green power light on the air cleaner will turn red and flash continuously indicating that it is time to replace the filter. Replace the filter according to the directions then press the UV/HEPA Reset Button and hold for 5 seconds to restart the system. The light will turn back to green. Depending on usage, filter will last approximately 6 months.

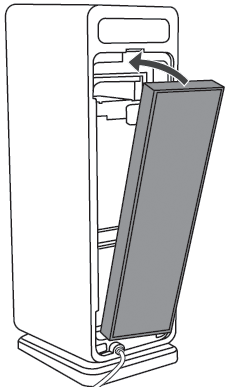
1. Turn off and unplug the unit.



2. Press the lock and release button and remove the rear cover from the unit.



3. Remove the used Combination Filter (Filter B) and dispose of it in the garbage.



4. Insert filter system into the unit. Consult the arrow on the filter for correct installation direction.

5. Reattach the rear cover of the unit and securely latch into place.

CHECKING AND MAINTAINING FILTER

Maintain the filter by checking it frequently.
Depending on air quality conditions, you may need to replace it more frequently.

Vacuum the carbon filter layer as needed to remove loose debris and dust and to help prolong the life of your filter.

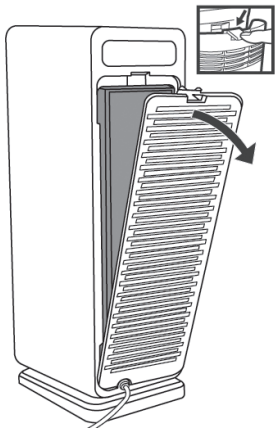
To check the status of the filter, peel back the carbon layer to expose the pleated filter.
If the filter is no longer white and is covered in grey dust/dirt it should be replaced.

IMPORTANT: Do NOT try to wash and re-use the Combination Filter.

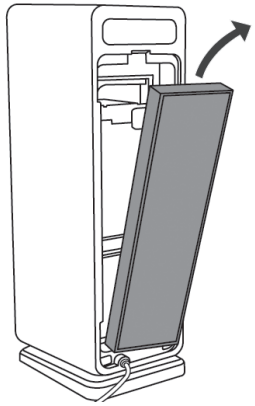
IMPORTANT: To maintain warranty and the performance of the air cleaner, use Guardian Technologies GENUINE Replacement Parts only.

INSTALLING & REMOVING UV-C BULB

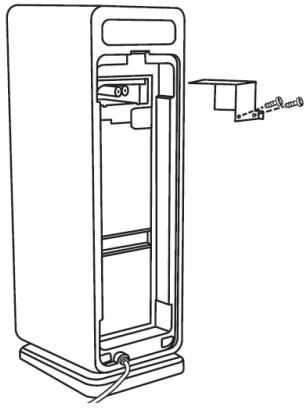
UV Bulb Replacement Indicator: The UV-C light on the front of the air cleaner will turn red when it is time to replace the bulb. Replace the bulb according to the directions then press the UV/HEPA Reset Button and hold for 5 seconds to restart the system. The light should remain a constant blue.



1. Turn off and unplug unit. Press the lock and release button and remove the rear cover from the unit.

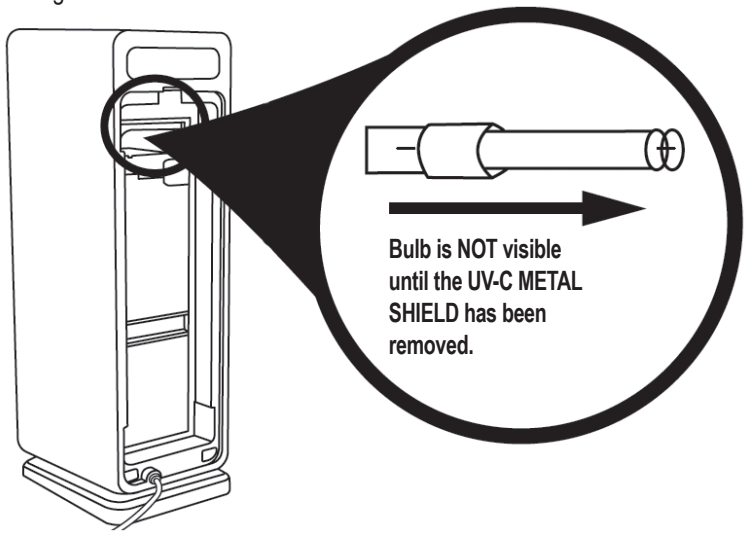


2. Remove the combination filter.



3. Use a Philips head screwdriver to remove 2 screws and detach the UV-C Metal Shield.

4. The UV-C Bulb is removed by carefully grasping the bulb with a clean cloth or tissue and pulling the bulb straight out of the unit.



5. The UV-C Bulb is reinstalled by sliding it, horizontally, back into the slots at the top of the unit.
6. Push and hold UV/HEPA Reset Button for 5 seconds to reset UV Bulb Change Indicator.

NOTE: Do NOT stick any foreign objects or your fingers inside of the unit.

CAUTION: Do NOT use gasoline, benzine, thinner, harsh cleaners, etc. on and/or in the unit while cleaning as they will damage the product.

NEVER use alcohol or other solvents.

TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
Unit does not operate.	Check that the unit is plugged in. Check that filter is in place. Confirm that filter is Genuine Replacement Filter Call Customer Service.
Unit shuts off unexpectedly.	Check that unit is plugged into a working electrical outlet. Check that filter is firmly in place. Check that the Rear Cover is latched firmly in place. Call Customer Service.
No air circulating from unit.	Unplug unit. Check Pre-/Carbon and filters. Clean Pre-/Carbon Filter if necessary. Replace filter if necessary.
Increase in noise level.	Make sure the filters are clean. Replace if necessary.
Red light is flashing.	Replace filter and reset system.
Blue UV-C light is flashing.	Replace bulb and reset system.

What is CADR?

CADR stands for “Clean Air Delivery Rate,” which indicates the volume of filtered air delivered by an air purifier. CADR ratings show the effectiveness of how efficient the air purifier is at capturing fine particles from things like tobacco smoke and plant pollens from the room.

Clean Air Delivery Rate

From air cleaner to air cleaner, compare the CADR numbers. First look at suggested room size. Then refer to the Clean Air Delivery Rate (CADR) numbers. The higher the number, the faster the unit filters the air.

Refer to website for individual model CADR numbers.