

CUALQUIER OTRO SERVICIO DE MANTENIMIENTO DEBE REALIZARLO UN REPRESENTANTE DE SERVICIO AUTORIZADO. COMUNÍQUESE CON EL DEPARTAMENTO DE SERVICIO AL CLIENTE (1-866-603-5900).

En caso de necesitar más ayuda, visite nuestro sitio Web en www.germguardian.com. Los costos de transporte hacia y desde el lugar de reparación deberán ser pagados por el propietario. Cuando solicite información o pida piezas de repuesto, identifique siempre su aspiradora incluyendo el número de modelo y el código de fabricación. (El número de modelo aparece en la parte inferior de la aspiradora.)

GARANTÍA LIMITADA

Para el consumidor, Guardian Technologies LLC garantiza que este producto se encuentra libre de defectos de materiales o mano de obra a partir de la fecha de compra original. Consulte la duración de la garantía en la caja del producto y guarde el recibo de compra original para validar el inicio del período de garantía.

Si durante el período de garantía se encuentra que el producto es defectuoso, repararemos o reemplazaremos las piezas defectuosas sin ningún costo. El aparato completo debe enviarse con porte pagado por anticipado a cualquier centro de servicio de garantía autorizado por Guardian Technologies LLC. Incluya la información completa sobre el problema, fecha de compra, una copia del recibo de compra original y su nombre, dirección y número de teléfono. Si su domicilio no se encuentra cerca de una estación de garantía y requiere atención en los EE.UU. y Canadá, llame a la fábrica al 1-866-603-5900. Use sólo piezas de repuesto genuinas de Guardian Technologies.

La garantía no cubre los problemas ocasionados por desgaste inusual, daños que resulten por un accidente o el uso no razonable del producto. Esta garantía no cubre las reparaciones no autorizadas. Esta garantía le otorga derechos legales específicos y usted pudiera tener otros derechos adicionales (los cuales varían en cada estado en los EE.UU.)

Consideramos que el proceso de registro es importante para garantizar el servicio superior a nuestros clientes; sin embargo, el envío de esta tarjeta a Guardian Technologies LLC es opcional y no afecta sus derechos para utilizar la garantía de acuerdo a las condiciones estipuladas anteriormente. Si tiene preguntas o comentarios acerca de nuestro producto llame sin costo al 1-866-603-5900 o envíe sus comentarios a: **ATTN: Customer Service Guardian Technologies 7700 St. Clair Ave. Mentor, Ohio 44060.**

Guardian Technologies LLC
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Patente pendiente

Guardian Technologies



Rechargeable Hand Vac & UV-C Air Sanitizer

USE & CARE INSTRUCTIONS

Replacement Parts
Dirt Cup Filter: **FLTF**
UV-C Light Bulb: **LB1000**

English ManualE-1
French ManualF-1
Spanish Manual S-1

Rechargeable Hand Vac
MODEL NO. GGH200
1 Year Limited Warranty
www.guardiantechnologies.com
1-866-603-5900

REV0511

THIS APPLIANCE IS INTENDED FOR HOUSEHOLD USE ONLY
IMPORTANT SAFETY INSTRUCTIONS: READ AND SAVE THESE INSTRUCTIONS BEFORE USING THIS PRODUCT

When using an electrical appliance, basic precautions should always be followed, including the following:


- READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE
- ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS
- WARNING: THE CORDS, WIRES AND/OR CABLES SUPPLIED WITH THIS PRODUCT CONTAINS CHEMICALS, INCLUDING LEAD OR LEAD COMPOUNDS, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. WASH HANDS AFTER USING.

 **WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:**


- Warning: do not use outdoors or on wet surfaces.
- Do not charge the unit outdoors.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children or pets.
- Use only as described in this manual. Use only manufacturer's recommended replacement parts.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center for inspection. Call 1-866-603-5900 for the nearest service center or visit our website at www.germguardian.com.
- Do not abuse the cord. Never carry the charger or base by the cord or yank to disconnect from an outlet; instead grasp the charger and pull to disconnect. Keep cord away from heated surfaces. Do not pull cord around sharp edges or corners.
- Do not close door on the charger cord.
- Do not handle plug or appliance with wet hands.
- This product includes rechargeable nickel cadmium batteries. Do not incinerate batteries or expose to high temperatures, as they may explode.
- Unplug the charger from the outlet before any routine cleaning or maintenance.
- Do not put any object into openings.
- Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use without filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Leaks from battery cells can occur under extreme conditions. If the liquid, which is 20-35% solution of potassium hydroxide, gets on the skin (1) wash quickly with soap and water or (2) neutralize with a mild acid such as lemon juice or vinegar. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes. Seek medical attention.
- Use only the charger supplied by the manufacturer to recharge.

DANGER: Electric Shock

- Always unplug the unit before servicing.
- Close supervision is necessary when operated near children and pets.
- Do not handle the unit or plug with wet hands.
- Keep the product away from heated surfaces.
- Do not put any object into the openings or block the airflow to the unit.
- Use this product only as described in this manual.
- Operate this product on 120 V AC, 60HZ only.
- Do not operate without cover in place.
- Do not defeat the interlock switch.
- Do not operate with an extension cord.
- To reduce the risk of electrical shock, this equipment has a polarized plug (one blade is wider than the other). This plug will 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 qualified personnel to install the proper outlet. DO NOT alter the plug in any way.
- Do not operate this product if there is any physical damage to the unit.
- This product is for indoor use only.
- Do not operate this product in any area where there is a risk of the unit falling into or being exposed to water.

 **WARNING: Electrical Shock**

UNDER NO CIRCUMSTANCES SHOULD YOU CLEAN THE BULB, BULB HOLDER OR CYLINDER WITH WATER OR WET SOLUTIONS, THIS COULD CAUSE ELECTRICAL SHOCK.

 **WARNING: Electrical Shock**

ALWAYS UNPLUG THE GERM GUARDIAN FROM ELECTRICAL OUTLET WHEN SERVICING.

The Guardian Technologies™ Hand Vac Cleans surfaces while the UV-C Sanitizer Kills Germs and destroys odors in the air.

The airflow and UV-C dose in the UV-C Air Sanitizer has been optimized to destroy 99.9% of germs and odors from the air. It also destroys fungal spores like mold and mildew and allergens such as pollen. Also, eliminates odors.

HOW UV-C WORKS

Ultraviolet light technology, the same technology used in hospitals and commercial settings for sanitizing, is capable of eradicating microorganisms, mold spores and viral contaminants from the air. It is recommended that you leave the Germ Guardian™ UV-C sanitizing base running continuously.

USE OF THE UV-C AIR SANITIZER

When the UV-C Air Sanitizer is turned on you will see a ring of blue light that lets you know it is working. The UV-C Air Sanitizer can process 450 cubic feet of air per hour and is effective in almost any size room. When using this product basic precautions should be followed to reduce the risk of fire, electric shock and injury.

GETTING STARTED

- 1 Plug the UV-C Air Sanitizer/Hand Vac Storage Base into a 120v AC electrical outlet.
- 2 Turn the power switch located underneath the base. A blue ring of light will appear indicating that the unit is on and working.
- 3 For best results continuous operation is recommended.
- 4 Place the hand vac in the base for storage and charging.

NOTE: The UV-C Air Sanitizer contains no serviceable parts except its UV-C bulb. The bulb may be removed for replacement.

To reorder the UV-C Replacement Bulb Model LB1000 please call customer service at 1-866-603-5900 or log onto www.guardiantechnologies.com.

UV-C AIR SANITIZER BULB REPLACEMENT

Replacement Bulb **LB1000**

WHEN TO CHANGE THE BULB

A replaceable 3.5 watt UV-C light bulb will last over 5000 hours. Over time with use, the UV-C bulb will lose some intensity approximately 15% at 4000 hours. Therefore it is suggested to replace the UV-C light bulb every 8-10 months depending on use. You will know to change the bulb when the light flickers continuously or changes color. To reorder the UV-C Replacement Bulb Model LB1000 please call customer service at 1-866-603-5900 or log onto www.guardiantechnologies.com.

- 1 Turn off the unit and unplug it from the electrical outlet. (Fig. 1)
- 2 Remove Hand Vac and using a small Phillips head screwdriver, loosen and remove the Phillips screw located inside of the charger base. (Fig. 2)
- 3 Remove the top cap by lifting it off of the top of the unit. (Fig. 3)
- 4 Hold the unit in place with one hand. Locate the bulb and reach into the cylinder with your opposite hand. Turn the bulb in a counter clockwise position (left) to loosen it from the socket. (Fig. 4)
- 5 Take new bulb and screw into unit using a clockwise motion. (Fig. 5)
- 6 Wipe off finger prints with a dry cloth after bulb is installed.
- 7 Reassemble by reversing steps 1-6.

Fig. 1

Fig. 2

Fig. 3

UV-C AIR SANITIZER BULB REPLACEMENT (cont.)

Fig. 4

Fig. 5

STORING & CHARGING

CHARGING

NOTE: Use only the charger supplied by the manufacturer to recharge.

IMPORTANT: Before first use, charge your vacuum for at least 24 hours.

Power switch must be in the off position when unit is charging on base. If charging light is not illuminated, press on/off button to assure unit is turned off. Remember, unit will not charge if charging light is not illuminated.

- 1 Place unit in charger base when not in use.
- 2 Connect wall charger to the outlet.
- 3 Charging light will illuminate when unit is properly placed in the base. Unit will be charged in 16-24 hours.
- 4 The light stays on and remains the same color even when the unit is fully charged.

STORING

Store the hand vac in the charging base on a flat surface when not in use.

DIRECTIONS FOR USE OF THE HAND VAC

- 1 Press the on/off button.
- 2 Use cleaner to remove dust, debris and dirt from counters, floors, etc.
- 3 Turn unit off before storing.
- 4 Empty and clean dirt cup and filter after each use or when cup is full.

MAINTENANCE

HAND VAC DIRT CUP & FILTER: CLEANING & REPLACEMENT

Dirt Cup Filter: **FLTF**

IMPORTANT: For best results empty the dirt cup and clean the filter after each use.

CLEANING INSTRUCTIONS

- 1 Remove unit from storage base. (Fig. 6)
- 2 Press dirt cup release to remove dirt cup. (Fig. 7)
- 3 Grasp center rib in filter and pull to remove from cup. (Fig. 8)
- 4 Empty dirt cup into trash bin. Either shake out or tap to clean. (Fig. 9)
- 5 Replace filter. (Fig. 10)
- 6 Align and re-attach dirt cup/nozzle. (Fig. 11)
- 7 Return unit to storage base.

NOTE: For best performance, replace filter every 6 months.

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Fig. 11

MAINTENANCE (cont.)

HAND VAC DIRT CUP & FILTER: CLEANING & REPLACEMENT

HAND VAC FILTER REPLACEMENT

- 1 Remove filter as described in "Cleaning Instructions".
- 2 Twist the filter to separate it from the filter adapter. (Fig. 12)
- 3 Keep the filter adapter and discard of old filter.
- 4 Attach new filter to adapter. Twist to secure. (Fig. 13)
- 5 Return to dirt cup and secure by aligning cut out in filter adapter to tab in dirt cup. (Fig. 14)

Fig. 12

Fig. 13

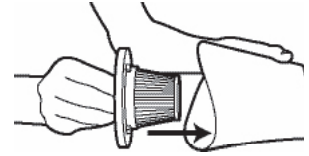


Fig. 14

! WARNING: Ultraviolet-C light is emitted from the bulb when the unit is electrified, eye injury or irritation could result, unplug the unit when servicing the bulb to avoid over exposure of eyes and skin to the ultraviolet-c light.

Discard the used bulb by following the recommended disposal procedure for a used fluorescent bulb. The bulb should only be used in the Germ Guardian™ Sanitizer unit and all instructions for use must be followed.

! WARNING: MISAPPLYING OR MISUSING THE UV-C BULB COULD CAUSE INJURY TO THE EYES OR SKIN. NEVER USE THE BULB WITHOUT INSTALLING IT IN THE UNIT AS INSTRUCTED. NEVER OPERATE THE UNIT WITHOUT THE TOP CAP IN PLACE.

This product can be serviced or maintained only by changing the UV-C bulb. The unit contains no serviceable parts. All parts, except the UV-C bulb, are warranted for 1 year from date of purchase. See the Limited Warranty. Use of any bulb other than the appropriate Germ Guardian™ Sanitizer bulb will void the warranty. You may purchase bulbs directly from Germ Guardian, or we can provide the names of retailers who stock our products in your area. The health aspects associated with this product and its ability to aid in the disinfection of environmental air have not been investigated by CSA. The purchase of the Germ Guardian™ Sanitizer does not prevent illness. Germ Guardian is designed to target and destroy airborne germs, odors, allergens like pollen and fungal spores like mold and mildew.

IMPORTANT

The UV-C bulb is specifically excluded from this warranty. Use only a Guardian Technologies replacement bulb. The Germ Guardian contains no serviceable parts. Due to the unique technology of the Germ Guardian, all repairs must be performed by Guardian Technologies authorized service centers. Any unauthorized repair or tampering with the Germ Guardian VOIDS this warranty. This warranty does not cover misuse or abuse.

LIGHT BULB DISPOSAL



MERCURY NOTICE

This device contains mercury in the sealed ultraviolet bulbs. Do not place your used bulb(s) in the trash. Dispose of properly.

BROKEN BULB CLEAN UP

Do not use a household vacuum. Sweep debris (phosphor/ glass) into a plastic bag and dispose of properly. It is recommended that the UV-C bulbs are recycled or taken to a household-hazardous-waste collection center. Call your county recycling coordinator to find the recycling center nearest you.

BATTERY DISPOSAL

To preserve natural resources, please recycle or dispose of expired battery pack properly. This product contains nickel-cadmium battery and must be disposed of properly. Local, state or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options. For disposal information, call the rechargeable battery recycling corporation at 1-800-8 battery.



WARNING: Upon removal, cover the battery packs terminals with heavy duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

TROUBLESHOOTING GUIDE

PROBLEM	PROBLEM	SOLUTION
Cleaner won't run.	<ol style="list-style-type: none"> 1 Battery not charged. 2 Contacts between unit and base are dirty. 3 Battery dead - won't hold a charge. 4 Needs service. 	<ol style="list-style-type: none"> 1 Charge battery. Charge for at least 24-hours before first use. Make sure power switch is "off" before charging. 2 Clean contacts with cloth. 3 Contact customer service. Call 1-866-603-5900. 4 Contact customer service. Call 1-866-603-5900.
Low or no suction.	<ol style="list-style-type: none"> 1 Battery charge is getting weak. 2 Dirt cup is full. 3 Filter is dirty. 	<ol style="list-style-type: none"> 1 Charge battery. 2 Empty dirt cup. 3 Clean or replace filter.
Dust escaping from vacuum.	<ol style="list-style-type: none"> 1 Dirt cup is full. 2 Filter is dirty. 	<ol style="list-style-type: none"> 1 Empty dirt cup. 2 Clean or replace filter.
Battery won't charge.	<ol style="list-style-type: none"> 1 Power button is in the "on" position. 	<ol style="list-style-type: none"> 1 Turn power button "off".
Flickering or yellow color bulb.	<ol style="list-style-type: none"> 1 New bulb required for sanitizing. 	<ol style="list-style-type: none"> 1 Change bulb.

ANY OTHER SERVICING SHOULD BE DONE BY AN AUTHORIZED SERVICE REPRESENTATIVE CUSTOMER SERVICE (1-866-603-5900)

In the event that further assistance is required, visit our website at www.germguardian.com. Costs of any transportation to and from any place of repair are to be paid by the owner. Always identify your cleaner by the model number and manufacturing code when requesting information or ordering replacement parts. (The model number appears on the bottom of the cleaner.)

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. Refer to your product carton for the length of warranty and save your original sales receipt to validate start of warranty period.

If this product should become defective within the warranty period, we will repair or replace any defective parts free of charge. The complete machine must be delivered pre-paid to any authorized Guardian Technologies LLC warranty service center. Please include complete information on the problem, day of purchase, copy of original sales receipt and your name, address and telephone number. If you are not near a warranty station, call the factory for assistance in the US and Canada at 1-866-603-5900. Use only genuine Guardian Technologies replacement parts.

The warranty does not include unusual wear, damage resulting from accident, or unreasonable use of the product. This warranty does not cover unauthorized repairs. 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).

We consider the registration process important to ensuring superior service to our customers, however submitting this card to Guardian Technologies LLC is optional and does not affect your rights to utilize this warranty according to the conditions stated above. If you have any questions or comments about our product call toll free at 1-866-603-5900 or send comments to: **ATTN: Customer Service, Guardian Technologies LLC, 7700 St. Clair Avenue Mentor, Ohio 44060**

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