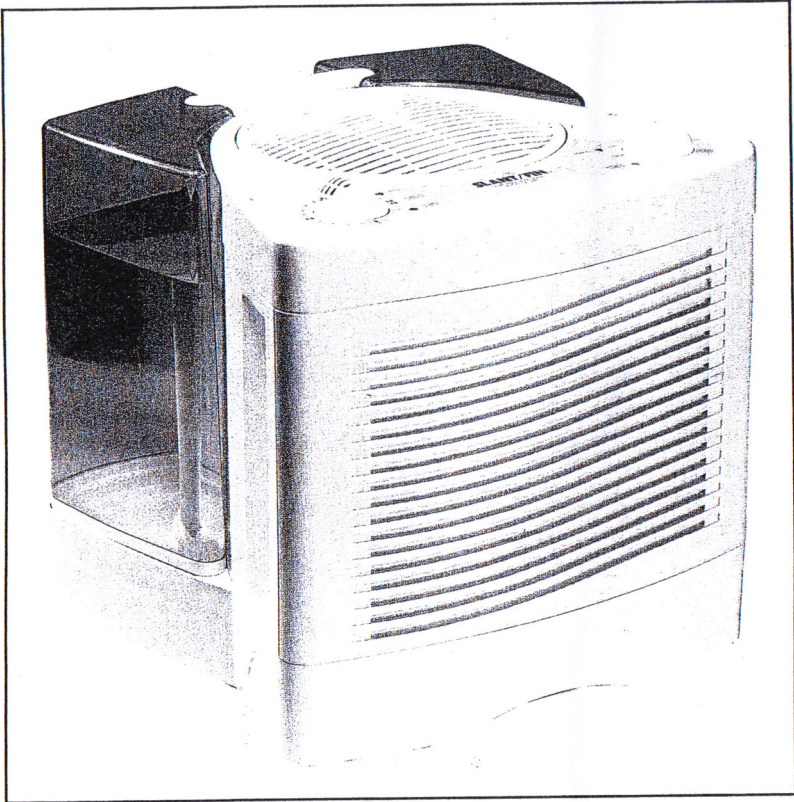


Slant/Fin®

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Ultraviolet Light Evaporative Humidifier
Germ-Free™ Model GF-240



GF-240 Shown

Patented, Patent applied for

- Instructions for Operation, Care and Cleaning
- Limited Warranty

READ AND SAVE THESE INSTRUCTIONS

READ ALL OF THE FOLLOWING INSTRUCTIONS BEFORE ATTEMPTING TO OPERATE YOUR HUMIDIFIER. FOLLOWING THESE SIMPLE GUIDELINES FOR USE AND CARE WILL HELP ENSURE YEARS OF DEPENDABLE AND EFFICIENT SERVICE.

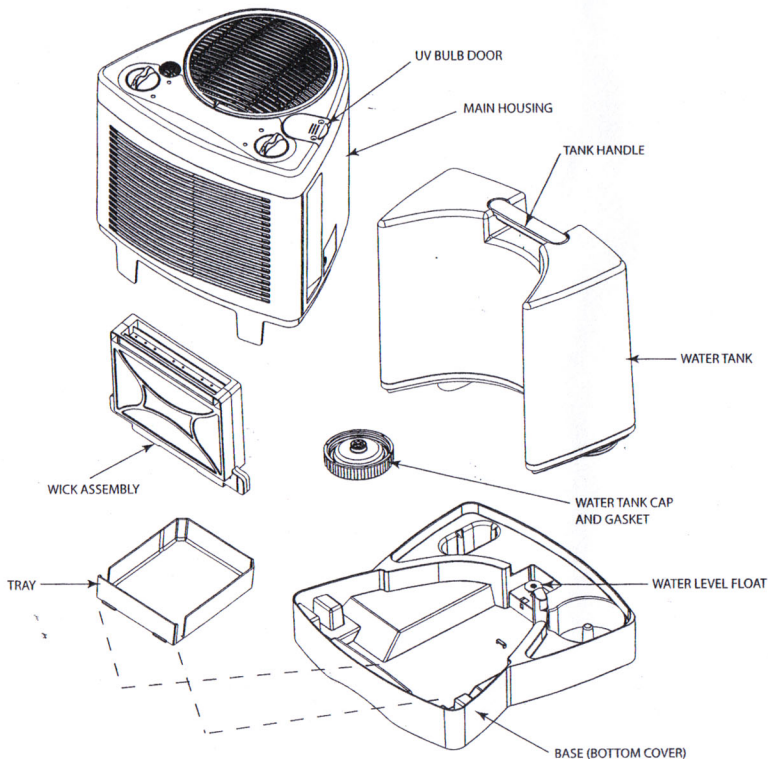
IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL APPLIANCES, THESE BASIC SAFETY PRECAUTIONS MUST BE FOLLOWED:

1. **DO NOT** operate the humidifier without the water tank.
2. **ALWAYS** use clean, cool tap water to fill the water tank.
3. To avoid risk of fire or shock, **DO NOT** use an extension cord.
4. **DO NOT** handle the unit with wet hands.
5. **NEVER** tilt, move, or attempt to empty the unit while it is operating or plugged in. Shut off, unplug and remove water tank before moving unit.
6. **DO NOT** place the unit close to heated areas, such as near stoves, heaters or in direct sunlight.
7. **DO NOT** operate OUTDOORS. This humidifier is intended for indoor use only.
8. **DO NOT** let water get into the air inlets, on the fan motor or on the cord or plug.
9. **DO NOT** store or use gasoline or other flammable vapors and liquids near the humidifier.
10. **ALWAYS** make sure the water tank cap and gasket are firmly in place.
11. **ALWAYS** turn the humidifier off when the water tank is empty or when the unit is not in use. If you turn your unit off for extended periods, **ALWAYS** disconnect the power cord and empty the water tank and base.
12. **ALWAYS** place the unit on a **firm flat, level, water resistant surface** and arrange the power cord so that the product is unlikely to be upset.
13. **DO NOT** clean the product or service the UV germicidal bulb without disconnecting the power cord.
14. Before connecting to electric power outlet, check your electrical power supply. It must be 120 volts A.C. (alternating current). The outlet may be 15 amp or 20 amp. The circuit must be of adequate size and must be protected by fuse or circuit breaker.
15. This item has a polarized plug. As a safety feature, this plug will fit in a polarized electrical receptacle (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.

16. **Place unit in an area where it is not accessible to children.**
17. Before using the unit, check the power cord for any signs of damage.
18. This humidifier requires daily and weekly maintenance.
19. Refer to **CLEANING AND MAINTENANCE** instructions provided.
NEVER clean humidifier in any other manner than as instructed by this manual.
20. **WARNING** – Eye damage may result from directly viewing the light produced by UV bulb. **DO NOT** energize unit while lamp door is removed.

SAVE THESE INSTRUCTIONS



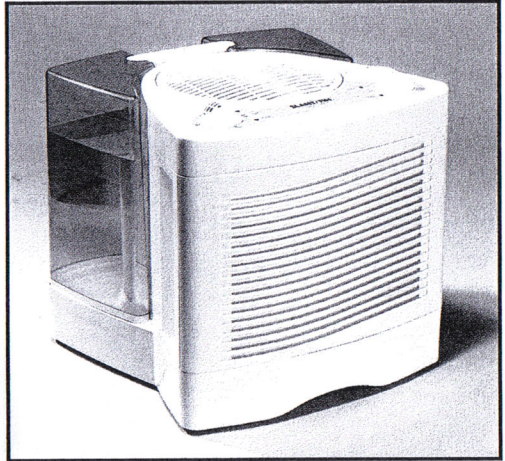
GF-240 Shown

WEEKLY CLEANING AND MAINTENANCE ADVISORY

At least weekly cleaning is recommended, when the unit has been in use. Regular cleaning prevents mineral scale buildup. It also helps prevent buildup of bacteria, molds or other microorganisms in the tank or system. This ensures that your humidifier will operate at maximum efficiency. (See page 6 for full cleaning instructions.)

HOW YOUR SLANT/FIN EVAPORATIVE HUMIDIFIER WORKS

This humidifier uses a UV germicidal bulb, located inside the main housing of the humidifier, that shines on the water through a special glass tube as it passes through. This limits the likelihood of harmful microorganisms getting into the atmosphere and being breathed by you, your family and pets.



GF-240 Shown

CONTROL PANEL POWER SWITCH — LO AND HI POSITIONS

When the switch is turned to the "LO" or "HI" setting and the unit is plugged in, the power is on and the green "POWER" indicator is illuminated. With the unit running in the LO setting, it will be producing vapor at a lower rate and operating more quietly,

than when running in the HI setting. If you wish quieter operation, run humidifier for at least 1/2 hour on "HI" before switching to "LO" for maximum benefit.



OFF POSITION - This cuts power to unit and should be used (in addition to unplugging unit) before moving, performing maintenance, etc.

REPLACE UV BULB

If the "REPLACE UV BULB" signal light (amber color) is continuously illuminated during normal use (an occasional faint glow may occur when switching power on or other times, but this is normal), the bulb must be replaced with the same special 3.5W bulb. See the enclosed order form. The UV germicidal bulb will operate at maximum output for approximately 2,000 hours. The UV germicidal bulb may operate longer than 2,000 hours but at a reduced output. To keep your humidifier operating at maximum efficiency it is recommended that the UV germicidal bulb be replaced after 2,000 hours of use.

REFILL INDICATOR - When illuminated (red indicator), the water tank needs refilling. See the section "Filling the Water Tank". If still illuminated a few minutes after full tank is placed on base, reposition water tank. Each time you fill tank, rinse tank and clean according to CLEANING INSTRUCTIONS if minerals or film are present.

HUMIDITY CONTROL - This controls the humidity level. If moderate humidity is desired, the control should be turned counterclockwise toward "LO"; and if higher humidity is desired, clockwise toward the pictures that indicate more water droplets. When the room humidity level reaches the level set on the "HUMIDITY CONTROL" the blue "DESIRED HUMIDITY" indicator is illuminated, the fan goes off and the humidifier stops producing humidity.

NOTE: When you unpack your humidifier, you may find it has droplets of water on some surfaces. This is normal as every unit is tested prior to shipping. Carefully unpack humidifier and remove all packing material.

OPERATING INSTRUCTIONS

1. Place the base of the unit on a firm, flat, level and water resistant surface.
2. Fill the water tank according to the instructions below and place on humidifier base.
3. Plug the power cord firmly and completely into the wall outlet.
4. Turn the power switch to the HI position (Lights may flicker momentarily) and the green "POWER" light goes on. Then turn the relative humidity knob clockwise until you hear a faint click and the blue "DESIRED HUMIDITY" indicator goes off. This humidifier produces an invisible vapor. You can confirm that humidity is being produced by listening for fan motor being on.
5. If you wish to run humidifier on "LO" for quieter operation, run on "HI" for at least 1/2 hour for maximum benefit before turning to "LO".
6. When the water tank is empty, (after approximately 24 hours running time), the "REFILL" lamp will go on, and the unit will stop running. Refer to the "FILLING THE WATER TANK" section.
7. Whenever the water falls below the level of the float during operation, the fan motor will shut off and stop producing humidity and the REFILL indicator will light.
8. The unit will operate as long as there is water in the tank.

FILLING THE WATER TANK

1. Before filling the water tank, turn the POWER switch to the "OFF" position and unplug unit. Refer to cleaning instructions.
2. Remove water tank from base, turn tank upside down and remove tank cap by turning counterclockwise. Fill tank with clean cold tap water. Replace the tank cap by turning clockwise. Tighten firmly.
3. Carefully pick up tank, since it will be heavy when full, and slippery if wet.
4. Place water tank on base. Make sure tank is properly placed, otherwise, the humidifier will not work correctly.

CLEANING AND MAINTENANCE

Water contains minerals and other particles. During operation most of these minerals will remain in the water reservoir. Gradual buildup of deposits will coat the base and wick, reducing their efficiency. The importance of routine cleaning and care cannot be over-emphasized. Hard water contains high amounts of dissolved minerals and other particles.

CLEANING INSTRUCTIONS

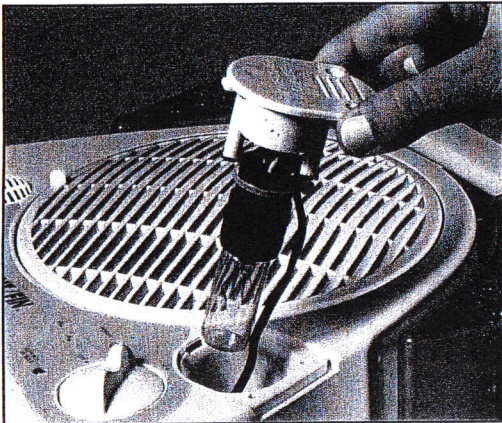
Failure to perform the necessary cleaning steps will damage unit.

1. Before cleaning, set CONTROLS to "OFF" position and unplug unit.
2. Remove water tank from humidifier base, and drain water from tank.
3. While being careful not to get any water on the fan motor or any other electrical parts, remove main housing(contains fan, control panel, etc.) Remove wick. To drain water from humidifier base, grasp with both hands and tilt to the side, draining water into the sink. Clean out any foreign matter that has accumulated in the base, tray and water level float. If the wick has any mineral build-up it should be cleaned by soaking it in a solution of one cup of white vinegar in one gallon of water, for 20 to 30 minutes. Rinse vinegar solution off wick with clean warm water(not hot) until there is no odor of vinegar. Allow wick to drip dry.
4. Pour about 1 cup of white vinegar into base, with tray still snapped in place, and allow it to soak for only 20 to 30 minutes.
5. Hold the base of the humidifier over the sink and tilt it on its side to empty the vinegar. Fill with clean, warm water to remove all traces of the vinegar. Remove any remaining buildup of minerals using a small brush, such as a toothbrush.
NOTE: The buildup is due to water hardness. The harder your water, the more often this maintenance will be needed. Empty all of this water by turning the unit on its side. Remove tray from base by releasing tab. Tray and base can be further cleaned with soap and water, either by hand or in a dishwasher. Do not clean any other humidifier parts in the dishwasher. Doing so will void your warranty.
6. Disinfect the water tank using a solution of one teaspoon of household chlorine bleach in 1 gallon of water. Let the solution sit for 20 minutes, swishing every few minutes to wet all surfaces. Empty the tank completely; rinse thoroughly until all of the bleach smell is gone. Fill the tank with fresh, cool water and replace it onto the humidifier base.
7. NEVER use any metal or hard objects to clean plastic parts which may cause scratching of the plastic parts. NEVER use gasoline, kerosene, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the humidifier.
8. Each day the base and tank should be drained, rinsed and refilled with fresh tap water.
9. To clean exterior surfaces, use a solution of water and mild detergent with a wrung-out damp cloth. Rinse and wring out the cloth and wipe the exterior surfaces again. Finally, wipe with a dry cloth. Allow sufficient time to dry before plugging the electrical cord into the outlet. Be careful to not let any water get into control panel, fan motor or any other electrical parts.
10. After all parts are totally cleaned and dried, assemble tray, wick and main housing onto base.
11. Fill tank with cool, clean water and replace onto base. Plug in the unit and resume normal use.

CHANGING THE UV GERMICIDAL BULB

1. If the "REPLACE UV BULB" indicator (amber color) illuminates during normal use, it is time to change the UV germicidal bulb, which is a special 3.5W bulb.
2. Turn the POWER switch to the "OFF" position, and unplug unit.
3. You will see a door on top of unit that is closed with two Phillips head screws. Using a Phillips head screwdriver, carefully turn the screws counter-clockwise until the screws separate from the door.
4. Open the door, by pulling outward and up. The UV germicidal light bulb will be visible. Pull the door out the minimum amount to have access to unscrew bulb from socket.
5. Take a replacement 3.5W UV germicidal bulb that you purchased from Slant/Fin Corporation or another supplier and change the bulb. To prolong the life of the bulb, limit your direct contact with the glass of the bulb by using a cloth or tissue to screw it into place.
6. When the new bulb is in place, close the door and replace the screws by using your Phillips head screwdriver and rotating them clockwise until they are just tight. DO NOT OVER TIGHTEN.
7. DO NOT turn power on, while UV lamp door is open, and DO NOT view illuminated bulb directly because eye damage may occur.
8. Plug the unit in, and turn the POWER switch to either the LO or HI position. The "REPLACE UV BULB" indicator should no longer be lit.

IMPORTANT NOTE: Even though you will not receive germicidal effects, you can still use your humidifier until the replacement bulb arrives. It will operate as a conventional humidifier.



UV Bulb replacement

STORAGE TIPS

If you do not plan to use your humidifier for an extended period of time, such as during the summer months, it is important that you follow these instructions to help prevent problems from developing in the unit.

1. Clean your humidifier as instructed in the section titled, "Cleaning and Maintenance".
2. Make sure all water is emptied from the tank, base, tray and wick.
3. Dry your unit thoroughly.
4. Leave the tank cap off to expose the tank to air.
5. Pack your humidifier in its original carton and store it in a cool, dry place.

SERVICE

DO NOT attempt to repair this humidifier yourself. For repairs covered under the warranty, contact Slant/Fin by telephone or mail for a Return Authorization Number.

TROUBLESHOOTING

TROUBLE	POSSIBLE CAUSES	SOLUTION
Unit does not operate	Unit is not plugged in Power failure Water tank empty Power switch not turned on Unit not reset after refilling tank Water tank not properly located on base unit Humidity level set is achieved	Plug in unit Check circuit breaker Remove and refill Turn on switch to LO or HI Reposition water tank Reposition water tank Turn Relative Humidity Control to higher setting
Water leaks from unit	Tank cap or tank cap gasket is missing or improperly positioned	Tighten cap. Replace tank cap or reposition cap gasket.
Moist air output low	Mineral buildup	Clean unit as per instructions.
Refill indicator light on	Water level is below water level float Water level float is covered with film	Refill water tank and mount tank on base Clean float per cleaning instructions Clean unit per cleaning instructions

LIMITED WARRANTY

IMPORTANT NOTICE

PLEASE CLEAN THIS GERM-FREE HUMIDIFIER AT LEAST ONCE A WEEK BY FOLLOWING THE CLEANING INSTRUCTIONS IN THE OWNER'S MANUAL. FAILURE TO REGULARLY CLEAN THIS GERM-FREE HUMIDIFIER WILL RESULT IN A BUILDUP OF MINERAL DEPOSITS WHICH WILL CAUSE THE UNIT TO CEASE TO OPERATE. IF THE UNIT FAILS TO FUNCTION BECAUSE IT HAS NOT BEEN CLEANED, THIS WILL VOID THE WARRANTY.

To the original purchaser or gift recipient of this humidifier.

1. If your Slant/Fin humidifier fails in normal use because of a manufacturing defect within 90 days from the date of original purchase, Slant/Fin will repair the humidifier at no charge for parts, labor or shipment back to you (see instructions for returning unit below).
2. After the first 90 days, if a component part fails because of a manufacturing defect, Slant/Fin will repair or replace that component part up to 3 years from purchase date. There will be no charge for the component part or shipment back to you, but Slant/Fin reserves the right to charge for installation labor.
3. For cracked, chipped or broken water tanks, see item 4 below.
4. This warranty does not cover any product which in Slant/Fin's judgment has been (1) damaged as a result of accident, misuse or abuse (2) used for a purpose for which it was not designed, or (3) repaired or altered in any way that adversely affected its performance or reliability. This warranty does not cover scratches and wear of surfaces.
5. UV bulb replacement is a normal maintenance procedure and is therefore not covered under this warranty unless the bulb is found to be defective.
6. For repairs, call customer service at 1-800-775-4552 to request a return authorization number. Returned units will not be accepted at Slant/Fin without a return authorization number. Return humidifier to address shown below with dated sales receipt. The cost of shipment to Slant/Fin must be paid by the consumer. Return to: Consumer Service Dept., Slant/Fin Corporation, 40 Garvies Point Road, Glen Cove, NY 11542. In Canada: Slant/Fin LTD/LTEE, 6450 Northam Drive, Mississauga, Ontario L4V 1H9.
7. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.
8. Slant/Fin makes no express warranties other than the warranties contained herein. Slant/Fin's sole obligation in the event of a breach of any implied warranty (including, but not limited to, implied warranties of merchantability and fitness for a particular purpose) is limited to repair or replacement, and all such warranties are limited in duration to the time periods after the date of original purchase as stated above. The warranty does not cover claims for incidental or consequential damages resulting from a breach of any express or implied warranty or any other reason including damages due to accident, abuse, lack of responsible care, the affixing of any unauthorized attachment, loss of parts, or use at a voltage other than specified.

CUSTOMER SERVICE #: 1-800-775-4552