

Slimline



Owner's Manual

Serial # _____



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IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.



Use this hydroxyl generator only for its intended purpose as described in this Owner's Manual.

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFEGUARDS

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

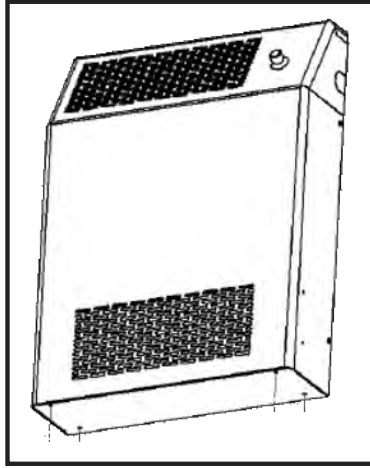
- Read all instructions before using the generator.
- To avoid fire or shock hazard, plug the equipment directly into a grounded 120V AC electrical outlet.
- If the generator is covered by a bag when shipped: Remove plastic bag before use.
- Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiators, stoves, or heaters.
- To protect against electrical hazards, DO NOT immerse in water or other liquids. Do not use near water.
- Close supervision is necessary when any generator is used by or near children, or disabled persons.
- WARNING! Always unplug the generator before moving it, cleaning, or whenever the generator 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 use an extension cord. Doing so can create potential safety hazards.
- DO NOT operate any generator with a damaged cord or plug, if motor fan fails to rotate, after the generator malfunctions, or if it has been dropped or damaged in any manner. Return generator to manufacturer or authorized repair facility for

examination, electrical or mechanical adjustment, or repair.

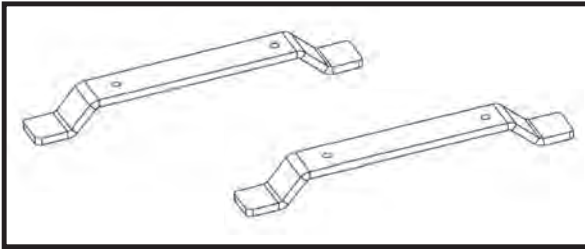
- Use generator only for intended use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of non-recommended attachments may cause hazards and should NOT be used..
- DO NOT use outdoors.
- NEVER block the air openings, 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 Opening/Grill.
- Keep unit away from heated surfaces and open flames.
- CAUTION: For General Ventilating Use Only. Do Not Use to Exhaust Hazardous or Explosive Materials and Vapors.
- 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 generator with any solid-state speed control device.
- DO NOT place anything on top of generator.
- DO NOT plug the cord in with wet hands: electric shock could result.
- NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the generator.
- To avoid a shock, plug the unit's three-prong plug into a grounded outlet.
- DO NOT under any circumstances cut or remove the third (Ground) prong from power cord. For personal safety, this generator must be properly grounded.

PACKAGE CONTENTS

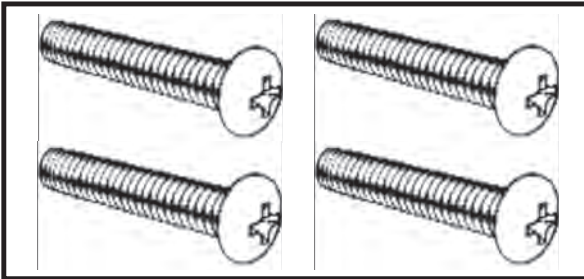
1. One Odorox™ Slimline Hydroxyl Generator



2. Two base brackets



3. Four 8-32 x 3/4 inch Phillips (Star) machine screws



4. One 0.05 inch hex key



5. One Owner's Manual

6. One Warranty Card

OPERATING THE SLIMLINE

POWER ON

The main power for the Slimline can be switched on by turning the rotary switch clockwise.

POWER OFF

The main power for the Slimline can be switched off by turning the rotary switch counter clockwise to the "OFF" position.

FAN SPEED

The Slimline is equipped with an air mover fan, which runs between 100 and 400 cubic feet per minute.

In order for the fan to turn on, the rotary switch must be rotated clockwise. Once turned on, the fan speed can be controlled by turning the rotary switch clockwise to decrease the speed, or counter clockwise to increase the speed.

PROCESSOR

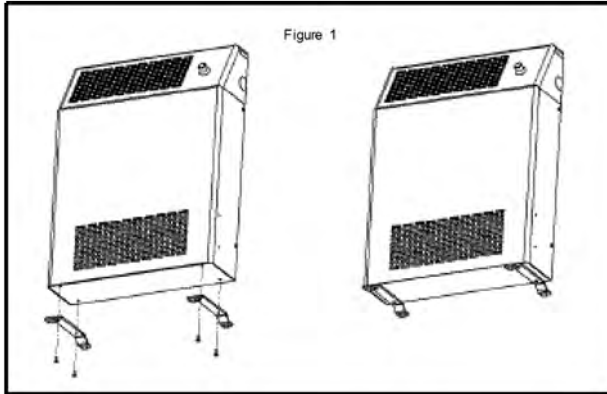
The Slimline is equipped with one hydroxyl generating optic. In order for the optic to turn on, the rotary switch must be turned on.

With the rotary switch in the OFF position, the optic will likewise be off.

There are two options available when considering system placement:

OPTION ONE: PORTABLE FLOOR STAND

The Slimline may be used as a portable, free-standing unit, with the use of the enclosed base brackets (see fig. 1)



OPTION TWO: WALL MOUNT

The Slimline may be installed to a wall (see "Wall Mount Installation Instructions").

WALL MOUNT INSTALLATION

WARNING

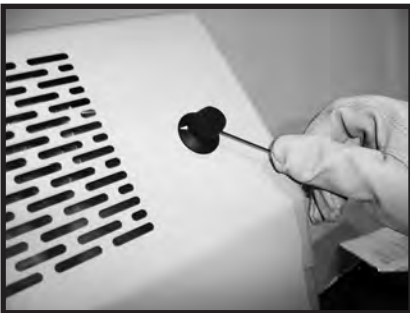
1. ALL ELECTRICAL WORK MUST BE DONE IN ACCORDANCE WITH LOCAL OR NATIONAL ELECTRICAL CODE AS APPLICABLE. FOR SAFETY, THIS PRODUCT MUST BE GROUNDED. IF YOU ARE UNFAMILIAR WITH METHODS OF INSTALLING ELECTRICAL WIRING, SECURE THE SERVICES OF A QUALIFIED ELECTRICIAN.
2. WHEN WIRING, SERVICING OR CLEANING THIS UNIT, TURN OFF POWER AND LOCK OUT SERVICE PANEL. FAILURE TO DO SO COULD ALLOW OTHERS TO TURN ON POWER UNEXPECTEDLY WHICH MAY CAUSE FATAL ELECTRICAL SHOCK.
3. TO AVOID ELECTRICAL SHOCK:
 - DO NOT INSTALL GENERATOR IN A TUB OR SHOWER ENCLOSURE OR ANY LOCATION WHERE IT MAY COME IN CONTACT WITH WATER.
 - NEVER PLACE A SWITCH WHERE IT CAN BE REACHED FROM A TUB OR SHOWER.
4. DO NOT INSTALL THIS GENERATOR IN AN AREA WHERE CHEMICALS OR OTHER FLAMMABLES ARE STORED OR USED. EXPLOSION AND FIRE MAY RESULT.

CAUTION

1. Install Hydroxyl Generator at least 6" from floor or any adjacent vertical surface.
2. DO NOT locate Hydroxyl Generator behind a door, furniture, drapes, etc., where the air flow to the unit would be restricted.
3. DO NOT CONNECT HYDROXYL GENERATOR TO DIMMER SWITCH OR SPEED CONTROL.
4. Please read specification label on product for further information and requirements.

PLAN THE INSTALLATION

1. Carefully unpack Slimline and remove from plastic.
2. Remove ON/OFF knob by loosening the two allen (Hex) key set screws using the supplied 0.05 inch hex key.



WALL MOUNT INSTALLATION

3. Remove four screws on side of unit, then tilt and remove cover.



4. Remove optic reflection plate.

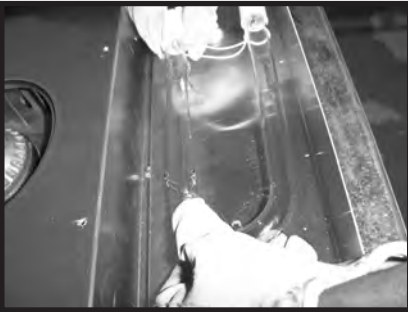


5. Remove lamp optic following these instructions:

Caution: Use clean leather gloves and eye protection when handling the optics in this generator

- Hold lamp base with one hand, and lamp connector with other hand.
- Gently 'wiggle' connector while pulling from lamp base.
- Gently pull lamp from three lamp supports.
Do not put any pressure on side of lamp with no support.
- Temporarily store lamp in a safe, clean location.

WALL MOUNT INSTALLATION



6. Knock out four pre-punched holes on back panel.



7. If wiring unit from back, knock out pre-punched 7/8 inch hole for electrical connector. If wiring from the side, knock out pre-punched hole on the side of the back panel.



WALL MOUNT INSTALLATION

8. Determine the desired installation location. This location must conform to the Warnings and Caution instructions discussed earlier. This Slimline unit must be anchored securely to a wall or ceiling. The mounting screw locations are designed for standard wood/metal framing with studs on 16 inch centers. Using the back panel as a template, mark the screw locations onto the mounting surface so that unit can be screwed directly to the main studs. If there is not sufficient support at the desired location, support members must be added.

Installer is responsible for the proper installation of this Hydroxyl Generator as per local building and electrical codes



9. If wiring from back of unit, also mark the 7/8 inch hole onto the mounting surface for the main electrical connection.

10. Set back panel aside.

11. If wiring from back of unit, cut out hole size as needed for electrical connector, and install electrical service.

12. Ensure electrical service to this unit is turned off and locked out before continuing. Install electrical connector (not supplied) onto back panel, and make proper electrical connections.

13. Secure back panel to mounting surface using #10, 1 ½ inch wood screws (not supplied) for typical wood frame construction. If construction type is different, ensure proper support as per construction type and weight of Hydroxyl Generator.

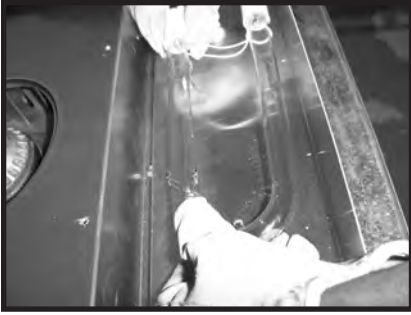
14. If wiring from the side, install electrical service and make proper electrical connections.

15. Re-install lamp optic following these instructions:

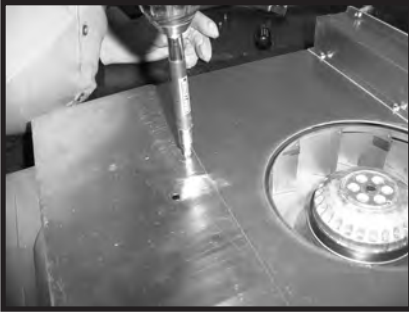
Caution: Use clean leather gloves and eye protection when handling the optics in this unit

- Gently press lamp into the three lamp supports.
- Re-connect lamp connector holding the lamp base with one hand, and lamp connector with other hand. Note: Lamp connector is keyed. If unable to connect lamp connector with lamp base, rotate lamp connector 180 degrees and try again.
- Ensure lamp connector and lamp base are firmly pressed together.

WALL MOUNT INSTALLATION



16. Re-install optic reflection plate.



17. Re-install cover by first latching the top behind the back panel. Gently lower the bottom of the cover until all four screw holes line up. Secure cover with four screws removed in Step 3.

18. Re-install ON/OFF knob and tighten the two set screws. Do not over-tighten set screws.

19. Turn on electrical service.

20. Turn on Slimline Hydroxyl Generator and set for desired airflow.



Warning: DISCONNECT the unit from an electrical power source before performing any maintenance or cleaning on the unit.

SYSTEM CASE CLEANING

Exterior

The exterior of the Slimline can be cleaned with mild dishwashing detergent and a clean damp cloth. DO NOT use any all-purpose cleaners with harsh detergents or abrasives, as these may damage the decals and the exterior finish. Care should also be taken to avoid spraying or otherwise directing detergent or water into or around electrical components.

Interior

The interior of the Slimline can be cleaned in the same manner as the exterior.

OPTIC CLEANING

Cleaning of the optics is recommended to maintain peak processing efficiency. Fingerprints, smudges, dirt, dust particles, etc. will interfere with the hydroxyl production and should be removed.

Note: Remove the optics from the optic chamber prior to cleaning to avoid any damage to the optics during the cleaning process (refer to the Optic Replacement Instructions for proper removal).

To clean the optics, use a solution of 10% Isopropyl Alcohol (Isopropyl Alcohol strength of 70% or 90%) and 90% filtered/distilled water on a clean lint-free cloth and wipe gently. Do not use any type of commercial glass cleaner. Using another lint-free cloth, gently wipe the optic until completely dry. Allow the optic to dry completely (20 minutes) before operating the system.

OPTIC REPLACEMENT INSTRUCTIONS

Replacing the optics (see "Wall Mount Installation" on pages 5 - 9).

SPECIFICATION AND WARRANTY

SPECIFICATIONS

Dimensions: 18" x 24" x 5" (45.7cm x 61cm x 12.7cm)

Weight: 17lbs (7.7kg)

Power Requirements: 120 Volt AC, 1.7 Amp

Starting: Variable Speed Switch

Fan Control: Variable Speed Control 100 to 400 cfm

LIMITED WARRANTY

HGI Industries, Inc. warrants that this Slimline (excluding spare parts and consumables) shall be free from defects in workmanship or materials for a period of one (1) year from the date of purchase.

CONTACT INFORMATION

For replacement parts, warranty service, or any questions regarding the operation and maintenance of your Slimline, please contact your local authorized dealer.



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