

SanX™



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:

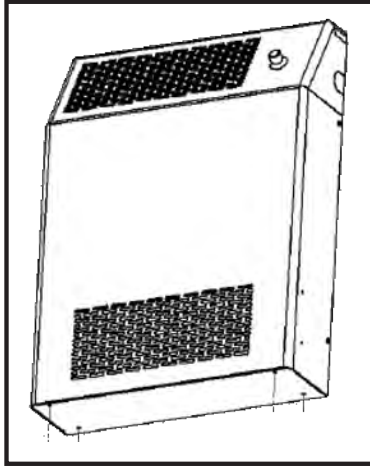
- Read all instructions before using the generator.
- To avoid fire or shock hazard, plug the equipment directly into a grounded 120V AC electrical outlet.
- If the generator is covered by a bag when shipped: Remove plastic bag before use.
- Keep the cord out of heavy traffic areas. To avoid fire hazard, 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.

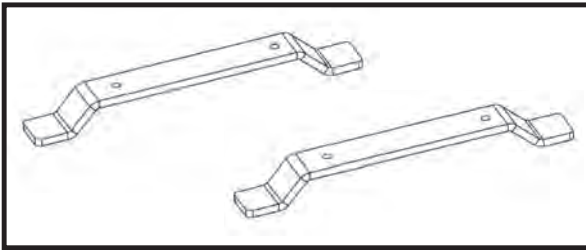
- Use generator only for intended use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of non-recommended attachments may cause hazards and should NOT be used..
- DO NOT use outdoors.
- NEVER block the air openings, 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

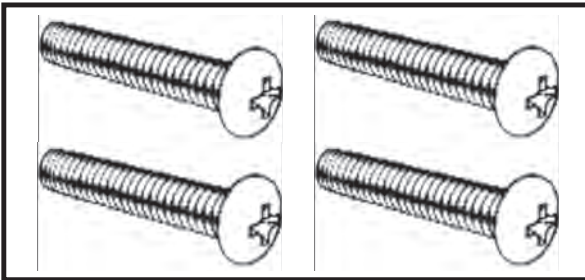
1. One Odorox® Sanx™ Hydroxyl Generator



2. Two base brackets



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



4. One Owner's Manual

5. One Warranty Card

OPERATING THE SanX™

POWER ON

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

POWER OFF

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

FAN SPEED

The SanX™ is equipped with an air mover fan, which runs between 40 and 150 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

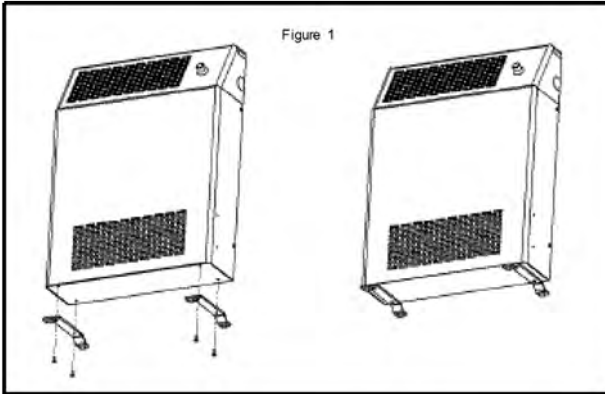
The SanX™ is equipped with one hydroxyl generating optic. In order for the optic to turn on, the rotary switch must be turned on.

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 SanX™ 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 SanX™ 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

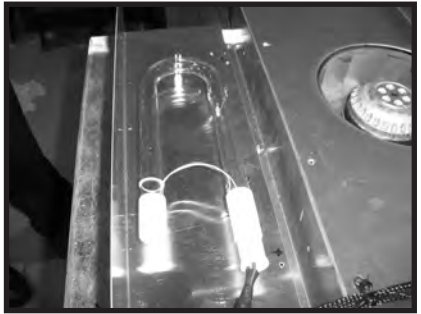
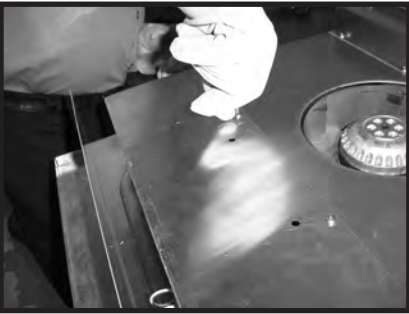
1. Carefully unpack SanX™ and remove from plastic.
2. Remove four screws on side of unit, pull cover off and move to the side.



WALL MOUNT INSTALLATION



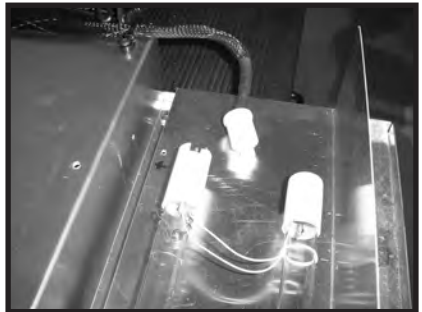
3. Remove optic reflection plate.



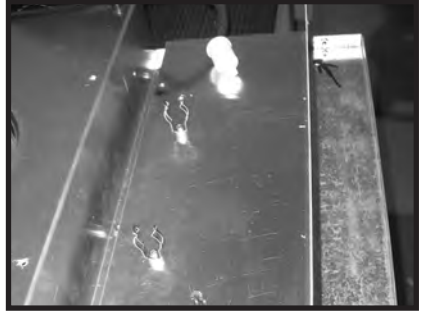
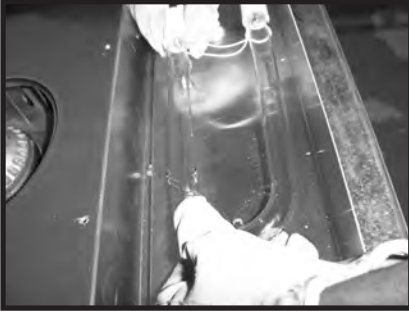
4. Remove lamp optic following these instructions:

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 the side of the lamp without support)**
- Temporarily store lamp in a safe, clean location.



WALL MOUNT INSTALLATION



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



6. Disconnect and remove electrical cord and use the 7/8 inch hole for electrical connector.



7. Determine the desired installation location. This location must conform to the Warnings and Caution instructions discussed earlier. This SanX™ unit must be anchored securely to a wall or ceiling. 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

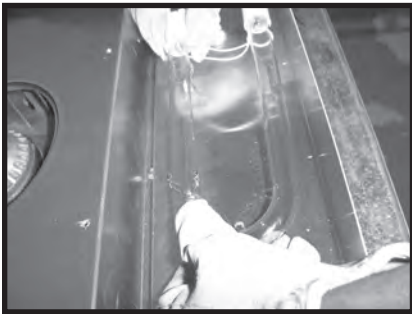
WALL MOUNT INSTALLATION



8. If wiring from back of unit, also mark the 7/8 inch hole onto the mounting surface for the main electrical connection.
9. Set back panel aside.
10. If wiring from back of unit, cut out hole size as needed for electrical connector, and install electrical service.
11. 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.
12. Secure back panel to mounting surface using appropriate hardware.
13. Re-install lamp optic following these instructions:

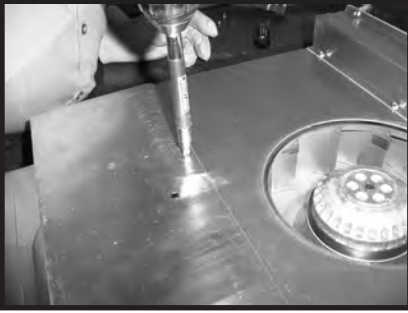
Caution: Use clean leather gloves and eye protection when handling the optics in this unit

- 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 with the lamp base and will connect in one direction only.**
- Ensure lamp connector and lamp base are firmly pressed together.



WALL MOUNT INSTALLATION

14. Re-install optic reflection plate.



15. Gently lower the cover until all four screw holes line up. Ensure the wires are kept clear and do not get pinched. Secure cover with four screws removed in Step 3.

16. Turn on electrical service.

17. Turn on SanX™ Hydroxyl Generator and set for desired airflow.



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

SYSTEM CASE CLEANING

Exterior

The exterior of the machine can be cleaned with mild dishwashing detergent and a clean cloth, and then rinsed with clean water. 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 SanX™ 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).

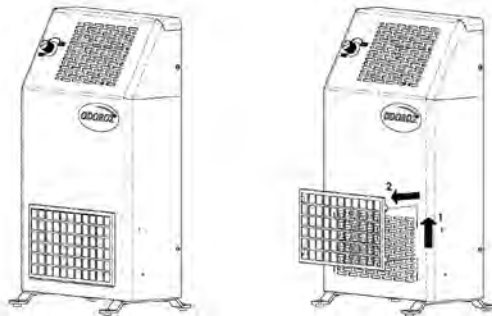
To clean the optics, use a solution of 10% Isopropyl Alcohol (Isopropyl Alcohol strength of 70% or 90%) and 90% filtered/distilled water on a clean lint-free cloth and wipe gently. Do not use any type of commercial glass cleaner. Using another lint-free cloth, gently wipe the optic until completely dry.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

Filter Cleaning/Replacement

The SanX™ comes equipped with a washable filter. The filter retainer can be easily removed to access the filter. First press up on the filter retainer and then pull out to remove. The filter can then be washed clean.

*Note: Allow the filter to totally dry before operating the SanX™.

The time between necessary cleaning will depend on the operating conditions and the cleanliness of the treatment area. In most cases, a quick vacuum of the filter is all that is needed.



SPECIFICATION AND WARRANTY

SPECIFICATIONS

Dimensions: 12" x 20" x 5" (30.5cm x 50.8cm x 12.7cm)

Weight: 10.5lbs (4.8kg)

Power Requirements: 120 Volt AC, 0.8 Amp

Starting: Variable Speed Switch

Fan Control: Variable Speed Control Approximately 40 to 150 cfm

LIMITED WARRANTY


HGI Industries, Inc. warrants that this SanX™ (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 SanX™, please contact your local authorized dealer.



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