



GUS[®]

Model G25-OER
Vapor Control System

Operator's Manual



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Principle of Operation

The G25-OER is a wall-mounted vapor control system that is mounted over an Olympus OER-Pro automated disinfectant. The unit has an automatic two-speed fan, which is controlled by the position of the lower door. Opening the lower door automatically increases the fan speed which draws more air through the filter. The filter is designed to trap and deactivate vapors from the disinfection process.

Safety Precautions

Disconnect power before replacing filter or when servicing the unit.

Refer to the MSDS of the high level disinfectant that you are using for additional safety precautions.

Environmental Conditions

- For indoor use only.
- Altitude up to 3,000 meters.
- Temperature range: 5°C to 40°C.
- Maximum relative humidity: 80% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C.
- Main supply voltage fluctuations not to exceed +/- 10% of the nominal voltage.
- Insulation over voltage category II.

Ventilation Requirements

There must be a minimum of 4" of clearance above the unit to allow for adequate air circulation.

Supply Ratings

AC 110-120V 0.5A - 2.0A 50/60 Hz
Fuse: 250V 3.0 A 5X20 FSF Panel Mounted

Warning Symbols

The meaning of the labels and symbols that appear on the packaging and/or the system are as follows:



Dangerous electrical voltage



Hazardous area



Protective Grounding

Signal Words

The following signal words are used throughout this manual:

- | | |
|-----------------------|--|
| <u>WARNING</u> | Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury. |
| <u>CAUTION</u> | Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices or potential equipment damage. |
| NOTE | Indicates additional helpful information. |

Quick Troubleshoot

If the GUS G25-OER Vapor Control System is not running, check the following:

1. Ensure that the unit is plugged into a live wall outlet.
2. Make sure the green On/Off switch is on. The switch will be illuminated when on.
3. Push the black 'test' button on the GFCI, located next to the On/Off switch. Then push the 'reset' button. This should restart the system and the green On/Off switch should now be illuminated.
4. In the event that the system is still not working, you will need to check the panel mounted fuse located next to the On/Off switch.
5. Unit will not run without a filter, check to see that a filter is in place.
6. If the system is still not working, call CIVCO Medical Solutions at 1-800-445-6741.

If you can still smell fumes from your high-level disinfectant while using the GUS G25-OER Vapor Control System, check the following:

1. The system is being left on at all times.
2. When fresh disinfectant is being poured into the OER-Pro that the G25-OER is running on high speed.
3. Filters have been changed as recommended (every six months with daily use).
4. Spills outside of the system are immediately neutralized and cleaned up.
5. No other disinfectants are being used in the room.
6. All personnel using the system have been fully trained on its use.
7. Verify that the system switches to the high-speed setting when you open the front acrylic door.

Precautions

- If the G25-OER is used in a manner not specified in this instruction manual, the protection it provides may be reduced.
- Allow the system to be operated only by those individuals trained in its proper use.
- The system is designed for indoor use only.
- The system's carbon filters must be replaced every six months.
- Disconnect the system's power before removing the top cover panels.
- For additional technical assistance, call CIVCO Medical Solutions at 1-800-445-6741.

Installation and Setup



Upon Delivery

Inspect the unit for damage. If any components are damaged or missing, or if you have any questions, call CIVCO Medical Solutions at 1-800-445-6741. Do not use the system.

Items shipped with your G25-OER for installation:

- One Z-bracket for wall mounting.
- Twelve 'EZ' Anchors and screws.

You will need:

- Measuring tape
- Level
- Pencil
- Phillips screwdriver, or a drill with a Phillips screw bit
- Pliers

Installation

CAUTION: It will require two people to lift the system and install it on the wall.

1. The G25-OER is 26.5" wide and will require at least an additional one inch clearance on either side. There must be a minimum of 4" of clearance above the unit to allow for adequate air circulation.
2. Locate the center point of the OER-Pro on the wall behind the unit. Mark the wall at 67" above the floor at the center point.
3. Using a level draw a horizontal line 13.25" on each side of the center mark.
4. Locate the bottom of the Z-bracket along the horizontal line. Mark the location of the six holes on the Z-bracket against the wall.
5. If the wall is of wood or metal stud construction, locate studs and drill new holes through the Z-bracket to align with the center of the studs.
6. **Alternatively**, mount a piece of ¾" plywood cut to 38" high x 26.5" wide. Screw this directly into the studs. The Z-bracket can then be screwed directly into the plywood.
7. In the event that studs cannot be located use the EZ Anchors that are supplied and screw into the wall at each mark.

NOTE Mount the Z-bracket with open side upward.

8. Using the lifting straps lift the GUS system up and over the matching 'Z' bar on the wall. It is a tight fit and you must make sure the two Z-brackets are securely interlocked before releasing hold on the unit.
9. The unit has two "L" brackets. One (upper "L" bracket) is attached to the lower section of the blower housing. The second (lower "L" bracket) is attached to the side panels of the G25-OER. Mark the location of the bracket holes for both upper and lower "L" brackets on the wall. Either use EZ anchors supplied or screw directly into plywood. If using EZ anchors see step 11.
10. If wall is plaster or sheet rock, REMOVE the "L" brackets from the unit by removing the mounting screws. This will allow you to install the EZ anchors at marks made in step 10.
11. Install EZ anchors in the wall and re-attach "L" brackets to the unit with screws removed in step 10.
12. Using supplied screws attach unit to wall through "L" brackets into EZ anchors.
13. Plug into a 110-volt wall outlet. The unit is now ready for use.

To review this or if you have any questions, please call CIVCO Medical Solutions at 1-800-445-6741

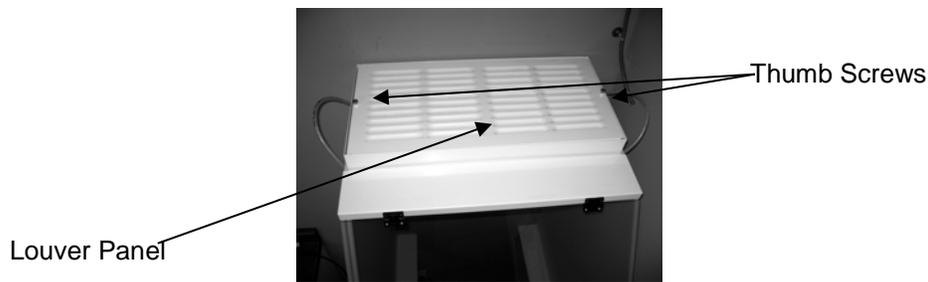
Operation

1. You must leave the GUS Vapor Control System running whenever the automated reprocessing system is in use.
2. With the system running, open the front acrylic door to access your automated reprocessing system.
3. Be sure the blower system switches to high speed when the door is open.
4. Refer to the instruction manual for your automated reprocessing system for proper use.

Maintenance

Changing the Filter

GUS® has a patented filter that, in normal everyday use will have a six-month life. Call CIVCO Medical Solutions at 1-800-445-6741 to purchase additional filters.



Top Louver Panel

CAUTION **Disconnect the system's power supply before removing the filter.**

1. Turn the main power switch OFF and disconnect the power cord from the electrical outlet.
2. Remove the top louver panels by unscrewing thumb screws counterclockwise.
3. Remove the old filters by pulling up. Replace with new filters.

CAUTION: **An F251-A filter is required for use with hydrogen peroxide or peracetic acid based high level disinfectants.**

4. Put the used filters into a plastic bag and dispose of with other non-hazardous waste.
5. Replace top louver panels.

Cleaning the System

Acrylic doors: Use only an all-purpose glass cleaner. Do not use solvents or alcohol on the acrylic.

Powder coated metal: Use mild detergent solution such as dish washing liquid and water. Hard to clean spots may be cleaned with a mild solvent if extra care is taken.

Disposing & Neutralizing

- Use the two 2½ gal containers supplied with your G25-OER.
- Dispose half of the contents of a bottle of neutralizer into each of the 2½ gal carboys.
- Follow instructions in the OER-Pro manual for discharging disinfectant into the two disposal containers.
- Allow the mixture to neutralize in the time stated on the neutralizer bottle.
- Dispose neutralized liquid into a proper drain.

Limited Warranty

CIVCO Medical Solutions warrants the GUS Vapor Control System to be free of defects in materials and workmanship under normal use, for a period of one year from the date of delivery. This warranty does not include filters, acrylic, or disposal pump unless it can be determined that failure is due to defects in material or workmanship.

If the system is not working correctly or is defective, contact CIVCO Medical Solutions, and we will repair or replace the unit at our option during the warranty period.

CIVCO Medical Solutions assumes no liability for consequential damages of any kind as a result of the use or misuse of the system by the purchaser, the purchaser's employees, or any others.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, OBLIGATIONS OR OTHER LIABILITIES EXPRESSED OR IMPLIED, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARISING FROM A COURSE OF DEALING OR USAGE ARE SPECIFICALLY EXCLUDED.

This warranty does not cover conditions and damages resulting from any of the following:

- Improper installation, delivery within the facility, or maintenance.
- Any repair, modification, alteration or adjustment not authorized by the manufacturer.
- Misuse, abuse, accidents or unreasonable use.
- Incorrect electric current, voltage or supply.
- Failure to follow proper procedures for use outlined in this manual.
- Consequential or incidental damages sustained by any person as a result of any breach of this warranty.

Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above exclusion may not apply.



Specifications

Airflow:

Air treated (CFM)..... 210
Avg. Face Velocity (FPM) with door closed 100
Avg. Face Velocity (FPM) with door open 50

Electrical:

Voltage..... 110V 50/60hz
Current-Running with door closed40 watts
Current-Running with door open75 watts

Filters:

Carbon filter..... Activated carbon

Fan/Blower: Automatic, two-speed

Construction:

Exhaust System..... Powder coated carbon steel
DoorAcrylic
Baffle and side panels..... HDPE

Dimensions:

Outside 26.5"W x 34.5"D
Height from floor.....72.5"

Registration Card

Please complete and return the attached Warranty Card to CIVCO Medical Solutions.
Call 1-800-445-6741 to purchase additional filters