SUPERA | ANESTHESIA INNOVATIONS

Waste Gas Evacuation System

Model EVC3100

For Veterinary Use Only

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Examination and Preparation for Use

Thank you for ordering an Supera Anesthesia Innovations Product!

We are delighted to have you as a Supera Anesthesia Innovations customer and want you to be completely satisfied with your purchase.

Please inspect the contents of your order to see if everything is as you expected. Should anything not be exactly right or if anything was damaged in shipping, please contact your sales representative right away for help.

Our goal is to make your new equipment as easy to use and care for as possible.

This device is meant to be operated under the normal surveillance and control of a veterinarian trained in its use. However, you need to know more about this device than just how to operate it.

Please read this manual in its entirety before using the equipment.

If you have any comments or questions, we welcome the opportunity to address them.

Please contact us directly at 877-620-1500.

Thank you!

Proudly 100% American
Made In Oregon!

IMPORTANT INFORMATION

READ AND SAVE THESE INSTRUCTIONS

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

CAUTION

For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

b) Ducted fans must always be vented to the outdoors.

THERE ARE NO USER SERVICEABLE PARTS INSIDE

Contact Supera LLC directly for all maintenance and repairs. Technical service phone 877-620-1500

Symbol Chart

This document uses the following symbols to indicate potential hazards or alert the user to useful information about the unit.

Important Notice – Explanation needed: refer to this manual

High Voltage: Risk of Electrical Shock

Protective Earth Ground

SUGGESTED MOUNTING INFORMATION

The area around the unit must be free of loose dirt and debris

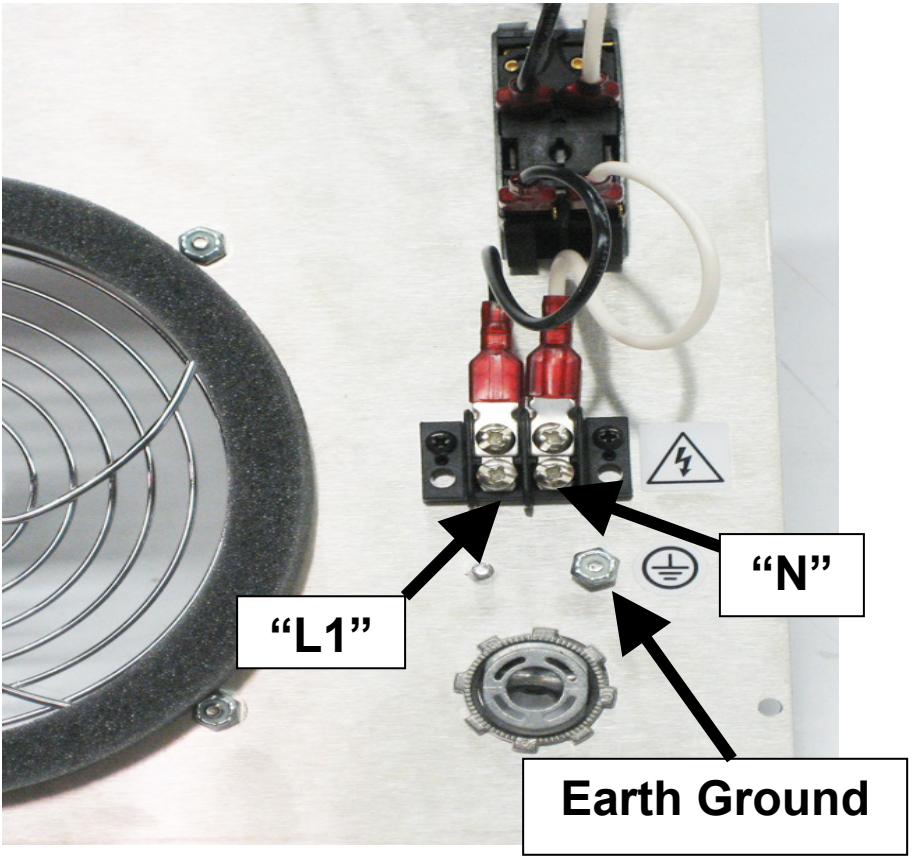
The area should be well ventilated with a maximum temperature of 120 deg. F

This is a mechanical pump that emits noise (less than 70dB(A)) at a constant rate.

We recommend the unit be mounted in an area not in constant use by people or animals.

INSTALLATION INSTRUCTIONS

1. Remove the panel to reveal the terminal block.
2. Attach the ground.
3. Attach the “L1” and “N” wires to the terminal block.

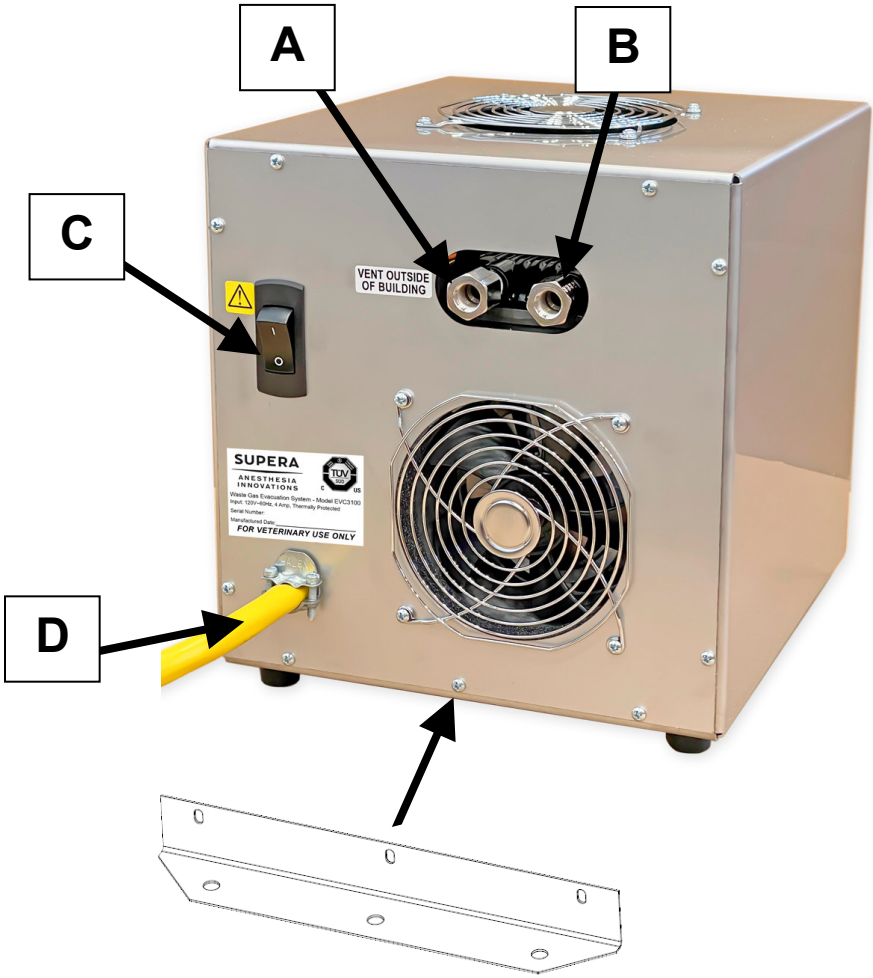


A EXHAUST - ¼ NPT FEMALE

B INLET TO BUILDING PLUMBING - ¼ NPT FEMALE

C ON/OFF SWITCH WITH CIRCUIT BREAKER

D NOTE: ***POWER CORD NOT INCLUDED***



Hold Down Brackets

Screw down unit to a solid structure
(3 screws per side)

RECOMMENDED GUIDELINES

LOCATION
This is a mechanical pump that emits noise at a constant rate.
We recommend the unit be mounted in an area not in constant use by people or animals.

POWER SWITCH
We recommend controlling the unit through a lighted power switch to indicate the device is powered ON.

INTAKE
1/4 NPT fitting to ½" copper pipe.

EXHAUST
1/4 NPT fitting to 3/4" copper or 1" scd40 PVC pipe plumbed to outside the building.

OUTLETS
Any piped gas outlets (WAGD) can be used. No ceiling or wall valves are needed to control the flow rate, however, all active (suction style) evacuation systems require waste gas interface (WGI) balance valves on the anesthesia machines.

WASTE GAS INTERFACE
The EVC629 WGI with built in flow valve is engineered for this system and requires no additional calibration or maintenance.

It is mounted on the anesthesia machine and attached to the pop off valve or non-rebreathing system via the blue 19mm hose.

It is preset at 10 lpm flow. It can be adjusted higher using a calibrated flow meter.

NOTE:
This should be done by a professional service company.

GENERAL INFORMATION

Active Evacuation System

AES – anesthetic evacuation system utilizes a sealed evacuation unit to remove waste gas to the outside air. The AES wall or ceiling outlets are plumbed using copper pipe and are connected to the anesthesia machine through the waste gas interface (WGI) device to balance the negative pressure.

1-25 Anesthesia Machines

Uses standard wall/ceiling outlets

Plumbed using copper pipe

Uses waste gas interface EVC629 to balance evacuation pressure on each anesthesia machine.

MAINTENACE

This AES unit is maintenance free.

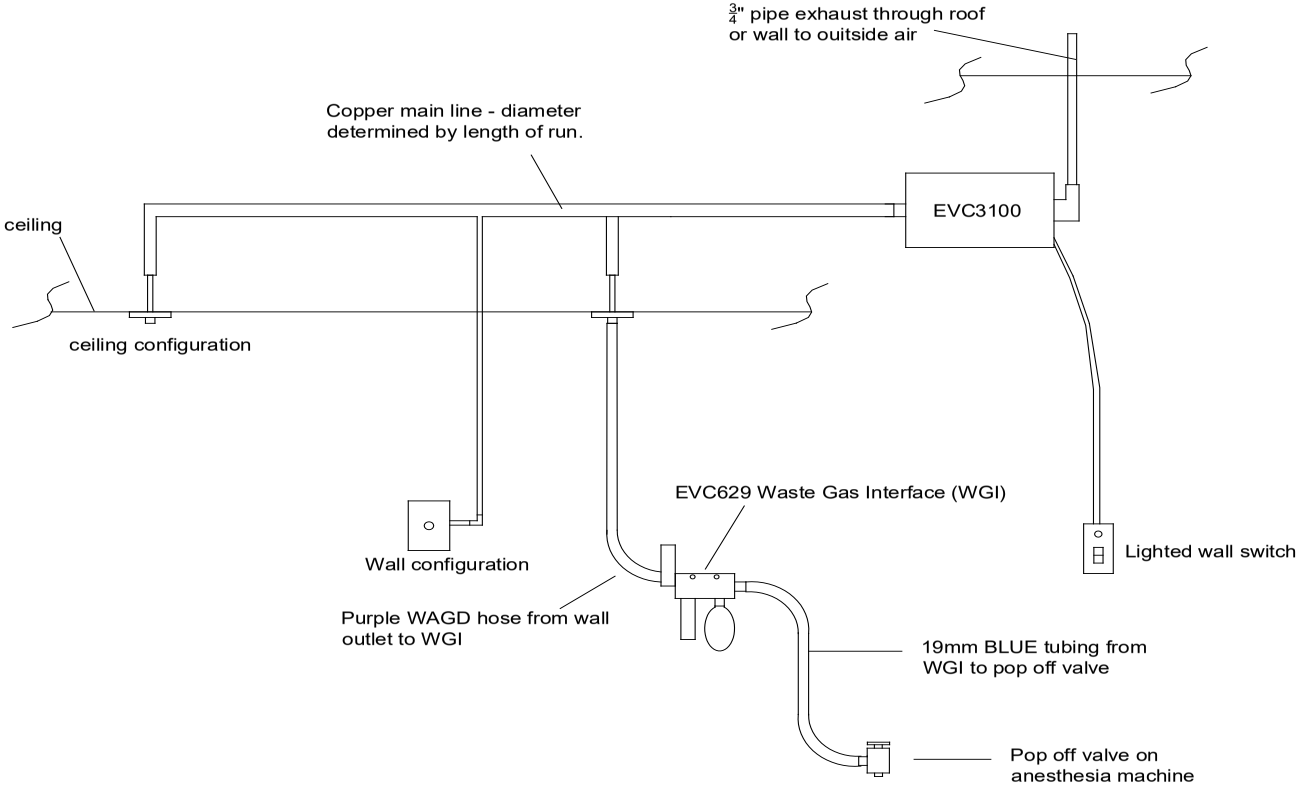
TROUBLE SHOOTING

1. The no air is flowing.
Check the on/off switch. If the switch is half way on/off, the circuit breaker has been triggered. Reset the switch into the “ON” position.

2. The pump is on but not flowing air at the outlets.
Check the exhaust pipe for obstructions (animals, debris, etc.)
Check the intake pipes for loose joints

FOR ALL OTHER ISSUES CALL SUPERA LLC AT 1-877-620-1500

SAMPLE SYSTEM LAYOUT



SPECIFICATIONS

Tech Specs
Oil less operation
All aluminum parts treated for corrosion protection from moisture
Rugged motor shell construction

Electrical
Voltage: 115
Hz: 60
Phase: Single
Full Load Amps: 6.6
Agency Compliance: TUV Listed for US and Canada requirements to UL507

Construction
303 stainless steel housing

Dimensions
10.5” X 10.5” X 10”

Weight
29 lbs.

Sound Level
Less Than 70 dB(A)

**** We recommend the unit be mounted in an area not in constant use by people or animals.***

WARRANTY (PARTS ONLY)

2 years

Supera LLC warrants this product shall be free from defects in workmanship and materials, under normal use from the date of purchase. This is a parts warranty. Labor is not included.

Supera LLC warrants only that each such part and item shall be free from defects in workmanship and materials at the time of delivery. This warranty shall be void for any product that has been altered, defaced or removed from the original Supera LLC product.

Supera LLC shall not be liable for any damage, injury or loss arising out of the use of the product, whether as a result of a defect in the product or otherwise, if, prior to such damage, injury or loss, the product was (1) damaged, misused, or misapplied; (2) repaired, altered or modified by persons other than Supera LLC; (3) not installed in strict compliance with the applicable codes and ordinances; (4) not installed by Supera LLC or an authorized Supera LLC dealer.

UNDER NO CIRCUMSTANCES SHALL SUPERA LLC BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES AS THOSE TERMS ARE DEFINED IN THE UNIFORM COMMERCIAL CODE.

All items returned for service or repair, are the responsibility of the customer. Proper packing methods should be used in returning items to Supera LLC.

Supera LLC.
1220 NW Noble Drive
Estacada, Oregon 97023 USA

SHIPPING POLICY

1. Do Not Sign The Bill Of Lading Until You Have Inspected The Box Or Crate.

2. Examine the box AS it is delivered and BEFORE the truck/driver leaves.

3. If there is any evidence of damage when it arrives, note it in detail with the phrase “possible concealed damage” on the bill of lading and immediately call the office for instructions before the truck/driver leaves if at all possible.

4. If there is obvious damage such as a hole in the box, a crushed box, etc., refuse the shipment. The product will then go back to the freight company’s terminal where they are entirely responsible.

5. Open and inspect your product as soon as possible. DO NOT WAIT.

6. If you find damage, take as many photographs of everything as soon as you can and email them to CS@superavet.com.

7. Note: unless the following procedures are followed correctly and we are notified within ten (10) days, SUPERA LLC cannot accept any responsibility for the problems that may ensue.

DO NOT RETURN ANY DAMAGED GOODS TO SUPERA LLC WITHOUT PRIOR AUTHORIZATION OF SUPERA LLC AND THE CARRIER.

KEEP ALL PACKAGING!

DO NOT RETURN ANY DAMAGED ITEMS UNTIL SHIPPING INSTRUCTIONS ARE RECEIVED.

ALL CLAIMS MUST BE FILED WITHIN TEN (10) DAYS OF RECEIPT OF GOODS.

IF YOU HAVE ANY QUESTIONS CONTACT SUPERA DIRECTLY AT 503-723-5068.

DOCUMENTATION

Date purchased:

Purchased from:

SUPERA

ANESTHESIA INNOVATIONS

Contact Information

(503) 723-5068 or (877) 620-1500 toll-free

E-Mail: info@superavet.com

1220 NW Noble Drive, Estacada OR 97023

Traning videos available on our website

www.SuperaVet.com