



608 13th Ave
Council Bluffs, IA 51501

712.323.3269

Delasco.com

SāftEvac

Smoke Evacuation System Operator's Manual Model EV 110 Volt

The Model EV is designed to help reduce the risks of exposure during certain medical procedures. It does this by effectively filtering and trapping the odors, smoke and airborne particulate associated with these procedures. The unique filtration method results in high efficiency and extreme economy. The EV comes standard with 1-EV/P Laser Surgery Filter Pack and 1 Standard AC Cord.

Please contact Delasco for more information on accessories and filter pack configurations. Delasco prides itself on providing extremely high quality products at the most affordable prices.

SAFETY PRECAUTIONS

DO NOT OPERATE THIS DEVICE IN THE PRESENCE OF EXPLOSIVE GASES!

DO NOT OPERATE THIS DEVICE WITHOUT A DELASCO FILTER PACK ATTACHED!

DO NOT USE THIS DEVICE TO EVACUATE FLUIDS!

DO NOT ATTEMPT TO SERVICE THIS DEVICE; AN ELECTRICAL SHOCK HAZARD MAY EXIST!

READ BEFORE USING

DISPOSE OF CONTAMINATED FILTER PACKS SAFELY IN A MANNER CONSISTENT WITH ANY APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS.

FILTERS HAVE A LONGEVITY OF 30 MINUTES OF SMOKE SUCTION.

THERE ARE NO USER-SERVICEABLE COMPONENTS IN THE MODEL EV.

USE ONLY WITH THE AC CORD PROVIDED AND ALWAYS PLUG INTO A GROUNDED OUTLET.



608 13th Ave
Council Bluffs, IA 51501

712.323.3269

Delasco.com

WARRANTY INFORMATION

The EV comes with a 1 year warranty, as stated in the following paragraphs:

- A) If the Model EV fails due to workmanship or component failure during the one year period following its initial purchase, subject to B), Delasco will repair or replace it free of charge as deemed necessary by Delasco technicians, excepting that the owner will pay shipping charges.
- B) A) is contingent upon the following:
 - i) Warranty excludes failure due to abuse or misuse.
 - ii) The EV is designed to operate with a specifically designed filter. Use of any other type of filter will void the warranty. Use only filter packs available from Delasco.
 - iii) If the EV is sold, the warranty is transferable and the remaining warranty period will be honored, providing the new owner notifies Delasco of the serial number transfer and continues to use it properly and in guidance with this operating manual.

OPERATING INSTRUCTIONS

1. Attach the plastic box filter end (bacterial/viral filter) of the filter pack to the front of the EV "Filter Inlet". Twist slightly for a snug fitting. Depending upon the filter pack being used and the procedure, either attach the end of the small tubing (EV/Y pack) to the appropriate medical instrument, or position the end of the large tubing (EV/P and EV/N packs), with or without optional wand, in close proximity to the operative site. The optional Obedient Hose Stand may also be used to hold the tubing in close proximity to the operative site, therefore, leaving the practitioner's hands free.
2. Attach the female end of the AC cord into the back of the EV, and insert the plug-in end into a grounded outlet – 110 volt, 60 Hz, unless otherwise indicated on the manufacturers' label on the rear of the device.
3. Depress the On-Off switch to the 'On' position to activate the EV.
4. Adjust the airflow using the 'Flow' or 'Flow Adjust' control on the front of the device.



608 13th Ave
Council Bluffs, IA 51501

712.323.3269

Delasco.com

SPECIFICATIONS

- Evacuative Air Flow: 2.5 CFM Typical with ¼" tubing
- Electrical: 110 volt AC, 60 Hz, 10 Amp maximum (6 Amp with ¼" tubing at full speed)
- FDA Market Clearance Received
- Noise Level: 60 Decibels at 1 meter (+/- 5 db)
- Physical: 15"W x 11"H x 10"W or 10"W x 14"H x 10"D, approx. 20 lbs (shipping weight 30 lbs)
- Particulate Filtration: Worst Case – 99.999% at .02 micro via Bacterial/Viral Media
- Odor Filtration: Absorption/Adsorption via Activated Charcoal
- Rated Bacterial/Viral Filter Lifetime: Laser Procedures: approx 30 minutes continual use; LLETZ – approx. 45 min.
- Rated Odor Absorption Lifetime: Approximately 60 minutes continual use

ACCESSORIES

- Wand
- Obedient hose stand
- Footswitch
- Hospital grade AC power cord
- Filter packs for various procedures
- Separately packaged filter components
- 220 volt units

Contact Delasco for more information! We look forward to serving your needs.

SVAC014(10/18)REVB