

ESD SAFE HEPA VACUUM

Product Nos. 3330 and 3331



Figure 1: ESD SAFE HEPA Vacuum and Included Accessories

DESCRIPTION

The ESD Safe HEPA Vacuum is a compact, high performance, field service vacuum specifically designed with ease of portability in mind. The powerful 600-watt motor can handle almost any job. It is for those technicians who require a small, lightweight vacuum for use in and around sensitive electronic equipment such as electron microscopes, carbon coaters, pick and place, telecom equipment, computers and printers. The standard 99.97% efficient @ .3 micron HEPA filter cartridge is ideal for fumes, atmospheric dust, lead, glass, pollens, soot, drywall dust, and all color toner. The filter is fully contained for safe, easy disposal.

The ESD Safe HEPA Vacuum is safe for ESD susceptible electronics. The electronic line filter prevents EMI/RFI noise, and the utensils are static dissipative. The internal ground wire in the flex hose and enclosure virtually eliminates static charge generation from utensils.

Note: The ESD Safe HEPA Vacuum is designed for commercial use only. Keep the body of the vacuum 12" (30cm) away from all ESD sensitive items.

INSPECTION

Remove the ESD Safe HEPA Vacuum from the shipping carton and inspect for exterior damage.

Items included are:

- 1 Micron ESD Safe Vacuum Body
- 1 99.97% @ .3 Micron HEPA Filter Cartridge
- 1 6' Flex-Hose
- 1 12" Goose Neck Attachment
- 1 Crevice Attachment
- 1 Crevice Attachment Brush
- 1 Round Brush Attachment
- 1 Detachable Power Cord (110V Only)

OPTIONAL ACCESSORIES

- 3331 Replacement 99.97% @ .3 Micron HEPA Filter Cartridge

TED PELLA. INC.

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OPERATION

Attach the flex-hose securely to the front of the vacuum.



Figure 2: Attach Vacuum Hose to Vacuum

Select the proper attachment. Insert the attachment to the other end of the hose. Insert the female end of the power cord into the AC receptacle at the rear of the vacuum. Plug the power cord into an electrical outlet that is properly grounded. The power switch is located at the top of the vacuum.

CHANGING THE FILTER

Unplug the ESD Safe HEPA Vacuum from electrical power.

Remove the flex-hose.

Set the vacuum upright, resting the back of the unit with the inlet door facing you. Refer to Figure 3 below.

- With thumb and forefinger, pull out the curved side tabs of the inlet door until they are unlatched from the body of the vacuum. Then pull the door toward you, being careful not to damage the ground wire (door may hang by ground wire while the new filter is being inserted).
- Grasp the handle of the vacuum, tilt it forward at a 45° angle, and slide the filter cartridge out.
- Dispose of the filter in an appropriate manner. Reinstall a new filter cartridge with the pleated paper end toward the motor. The label on the filter should be facing up.

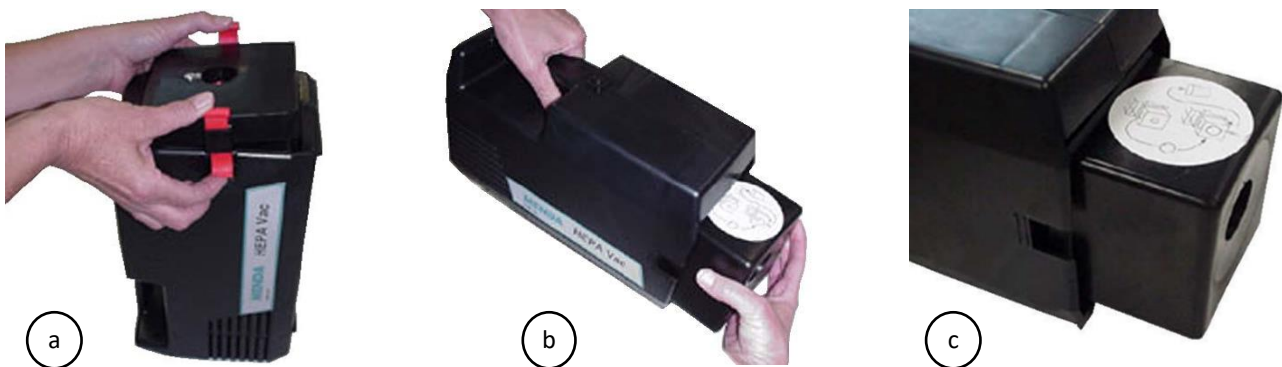


Figure 3: a) Lifting out the Cartridge, b) Sliding the Filter Out, c) Replacing the Filter

Replace the filter door, carefully aligning it, first the top, then the bottom. Press firmly on the side tabs, pushing them past the second notch.

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TRANSPORTING THE VACUUM

Unplug the detachable power cord from the outlet and vacuum. Remove any attachments and the flex-hose and return the vacuum and attachment to their shipping container, unless you have the optional carrying case. Insert the orange plug into the end of the door to prevent spillage.

SPECIFICATIONS

Noise Level: 84 decibels

Suction: Approx. 50"/H2O

Motor: 600W

Filter Capacity: 1 quart

The hose jacket is made of conductive Santoprene and the hose ends are ESD safe polypropylene material.

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at <https://menda.descoindustries.com/>

SOURCE DOCUMENT

MENDA® TECHNICAL BULLETIN TB-4003, HEPA Vac and Service Vac Commercial Vacuum Operation and Maintenance, MENDA Tools, 3651 Walnut Avenue, Chino, CA. 91710

Phone: (909) 627-2453

Website: <https://menda.descoindustries.com/>

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