

# DataVac ESD Systems Series Manual



**ALL MODELS ARE:** *Sturdy All Steel; 12' Grounded 3 Conductor Cord.*

**ACCESSORIES:** *3'-6' Stretch Hose, Crevice Tool, Dust Brush; 4 Piece Micro Cleaning Tool Kit; Grounded Wrist Strap, 5 disposable bags; Carry-All Bag w/ Shoulder Strap. Unit size / Unit weight: 21.25" x 7" x 9" / 9 lbs.*

**Different models and what they come with:**

**DV-2-ESD1 (117-117520):** 1.17 HP Motor; 2 Speed; 6.5 Amps; 780 Watts.

**DV3ESD1 (117-117261):** 1.7 HP Motor; 2 Speed; 7.5 Amps; 900 Watts.

**DV3ESD1V (117-117421):** 1.7 HP Motor; Variable Speed; 7.5 Amps; 900 Watts. (**Model shown.**)

## **INSTRUCTIONS**

(Instructions are general for all DV Models. Some of the below information may not pertain to your specific model. Check list above for parts and accessories that go with your particular machine):

### **IMPORTANT!**

- Remove red plastic protective end caps from both ends of the machine prior to use.

- Static is the #1 enemy of sensitive electronic equipment causing breakdowns of systems, destroying hardware, memory boards, and software. Static is caused by friction due to dry weather, walking on carpeted areas, etc.
- The DATAVAC 3, Electrostatic Discharge Safe, HEPA Vacuum, eliminates the potential hazards of static by attaching the “ESD” safe hose and “ESD” attachments to the power unit.
- Then, by attaching the “Techni-Stat” grounding wrist strap, the user is grounded to the machine, further insuring that zero static discharge can take place.
- HEPA Filtration System is 99.99% efficient at filtering particles down to .3 microns, perfect for clean room applications, or fine dust environments.

**HEPA filtration includes paper disposable bag, permanent cloth bag, filter plus HEPA. To protect your motor, and for maximum efficiency and log life, dispose of the used paper bag. Frequently check the permanent cloth bag for dust/dirt buildup and caking. Shake out the permanent cloth bag frequently. Check and replace the foam filter and HEPA filter 3 to 4 times a year.**

**HEPA filter as new will be white; once it turns grey, it needs to be replaced or airflow efficiency decreases.**

**CAUTION: If your machine has suction but does not clean when the hose is attached, remove the hose from the suction end and place it on the blower end. Blow out the hose, it may be clogged.**

**ADDITIONAL PARTS FOR PURCHASE** (the below items are available for purchase on our website [www.MetroVac.com](http://www.MetroVac.com); use the provided product # in the search):

- Disposable Paper Bags – DV-5PBRP
- Cloth Bag (4 ½") - MVC-65
- Foam Filter – MVC-56F
- HEPA Cone Shape Filter – MVC-51B
- Toner Replacement Bags & Filters – TBF-7
- Toner Starter Kit – TSK-1
- Carbon Brushes – ABC-2
- AntiStatic ESD-Safe Crevice Tool – MVC-189A
- ESD-Safe Micro Tool Kit – MVC-211E
- ESD-Safe Dust Brush – MVC-206CA
- Techni-Stat Grounding Wrist Strap – MVC-236A

## **WARRANTY:**

**This machine carries a Five Year Limited\* Warranty.**

The Five Year Warranty includes the unit and the motor.\*

There is also a **One Year Warranty\*** on Parts, Switches, and Cords.

This warranty covers any defects in materials or workmanship, including installation, with the exceptions stated below:

- \*MetroVac will repair or replace any defective or malfunctioning part\* at no charge. If the machine is not repairable, it will be replaced.
- \*Mechanical alterations made to the machine will void the warranty.
- \*Warranty does not cover carbon brushes, carbon brush wear, filters, or general maintenance.
- \*The warranty does not cover physical damage made to the machine from tampering with or attempting to take the appliance apart, improper electrical connections, or water damage.

\*Customer is responsible for shipping charges to and from our facility.

**\*\*\*Even if the product is beyond the warranty period, we suggest you send the unit back to our factory for expert repairs and maintenance at reasonable rates. Please click the following link to access our Repairs and Maintenance form\*\*\***

**WARNING:** To reduce the risk of fire, electric shock, or injury Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.

- Do not allow it to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use it with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into the openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Do not use without dustbag and/or filters in place.
- Turn off controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- To avoid electric shock, do not use it on wet surfaces, do not expose to rain; store indoors.
- To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit into an outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
- For a grounded appliance: "Connect to a properly grounded outlet only. See Grounding Instructions."

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[www.MetroVac.com](http://www.MetroVac.com)