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## Metro Vacuum ED500

# Metro ED500 DataVac Electric Blower Duster Instruction Manual

Model: ED500 | Brand: Metro Vacuum

## 1. Introduction

The Metro ED500 DataVac Electric Blower Duster is designed for efficiently removing dust, lint, and debris from various electronic equipment, including computers, keyboards, printers, and other sensitive devices. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your DataVac duster.

This electric duster offers a powerful and environmentally conscious alternative to traditional canned air products, providing a continuous stream of clean, dry, filtered air.

## 2. Safety Information

Please read all safety instructions before operating the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** This unit operates on 120 volts. Do not use with 220 or 230-volt current. Ensure the power outlet matches the device's voltage requirements.
- **Avoid Water:** Do not expose the duster to water or use it in wet conditions. Do not handle the plug or appliance with wet hands.
- **Heat Generation:** The motor generates heat during operation. The unit may become warm after prolonged use. Avoid touching the metal parts of the duster during or immediately after extended operation.
- **Hearing Protection:** The duster produces a significant noise level during operation. Prolonged use may require hearing protection.
- **Ventilation:** Use the duster in a well-ventilated area, preferably outdoors, to prevent dust from recirculating into the environment.
- **Attachments:** Only use attachments supplied or recommended by Metro Vacuum.
- **Children and Pets:** Keep the device out of reach of children and pets. This is not a toy.
- **Power Cord:** Do not pull the cord to disconnect from the outlet. Always grasp the plug. Inspect the cord for damage before each use.

## 3. Package Contents

Verify that all items are present in the package:

- Metro ED500 DataVac Electric Blower Duster Unit

- Air Pin-Pointer Nozzle
- Air Concentrator Nozzle
- Air-Flare Nozzle
- Micro Cleaning Tool Kit (includes various small attachments)




Image: The Metro ED500 DataVac Electric Blower Duster shown with its full set of attachments, including the main unit, various nozzles, and the micro-cleaning tool kit.

## 4. Setup

Before first use, ensure the unit is clean and free from any packaging materials.

1. **Select Nozzle:** Choose the appropriate nozzle for your cleaning task. The Air Pin-Pointer is ideal for focused, powerful blasts, while the Air Concentrator and Air-Flare nozzles are suitable for broader areas. The Micro Cleaning Tool Kit provides specialized tools for intricate spaces.
2. **Attach Nozzle:** Firmly push the selected nozzle onto the air outlet of the duster until it is securely in place.
3. **Power Connection:** Plug the duster's power cord into a standard 120-volt AC electrical outlet.



Image: The Metro ED500 DataVac duster equipped with a long, flexible nozzle, demonstrating its use for cleaning intricate internal components of a printer.

## 5. Operating Instructions

Follow these steps for effective and safe operation:

1. **Preparation:** Ensure the device you are cleaning is powered off and unplugged from its power source.
2. **Positioning:** Hold the duster firmly by the handle. Point the nozzle towards the area to be cleaned, maintaining a safe distance to avoid damaging delicate components. Start with a greater distance and move closer if more force is needed.
3. **Activation:** Press the power switch to turn on the duster. The motor will start immediately, producing a powerful air stream.
4. **Cleaning:** Use short bursts of air to dislodge dust and debris. For stubborn areas, you may need to use the micro-cleaning tools. Always direct the dust away from the device's sensitive parts and out of the immediate environment.
5. **Deactivation:** Release the power switch to turn off the duster.
6. **Cool Down:** Allow the unit to cool down after extended use before storing.




Image: A user's hand holding the Metro ED500 DataVac duster, demonstrating its use to effectively clean dust and particles from a computer keyboard.



Image: The Metro ED500 DataVac duster, fitted with a precision nozzle, being used to carefully clean dust from the lens of a digital camera.

## 6. Maintenance

Regular maintenance ensures optimal performance and longevity of your duster.

- **Filter Cleaning:** The duster features a replaceable foam filter located at the air intake. Regularly inspect and clean this filter to prevent dust from entering the motor and to maintain airflow efficiency. To clean, remove the

filter, gently tap out loose dust, or wash with mild soap and water. Ensure the filter is completely dry before reinserting.

- **Exterior Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the duster in a cool, dry place, away from direct sunlight and moisture.

## 7. Troubleshooting

If you encounter issues with your DataVac duster, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Duster does not turn on | No power supply; Faulty outlet; Damaged cord | Check power cord connection; Test outlet with another device; Inspect cord for damage (do not use if damaged) |
| Reduced airflow | Clogged filter; Blocked nozzle | Clean or replace the foam filter; Check nozzle for obstructions |
| Unit becomes excessively hot | Prolonged use; Blocked air intake/exhaust | Allow unit to cool down; Ensure air intake and exhaust are clear; Clean filter |
| Unusual noise or vibration | Internal obstruction; Motor issue | Discontinue use immediately and contact customer support. |

If the problem persists after attempting these solutions, please contact Metro Vacuum customer support.

## 8. Specifications

| Feature | Detail |
|---|---|
| Model Number | ED500 |
| Power | 500 Watts |
| Horsepower | 0.75 HP |
| Voltage | 120 Volt |
| Amperage | 4.5 Amps |
| Airflow | 70 CFM (Cubic Feet per Minute) |
| Construction | All-steel |
| Item Weight | 0.705 ounces (approx. 20 grams) |
| Product Dimensions | 0.02 x 0.02 x 0.02 inches (Note: These dimensions appear to be placeholder values and may not reflect the actual product size.) |
| Material Type | Plastic (housing) |

## 9. Warranty and Support

The Metro ED500 DataVac Electric Blower Duster comes with a**1-year warranty** on the overall device and a**5-year warranty** on the motor. To ensure your warranty is valid and for any support inquiries, please register your product on

the official Metro Vacuum website.

For technical assistance, replacement parts, or warranty claims, please visit theMETROVAC Store or contact Metro Vacuum customer service directly.

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