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METROVAC MB3CD

METROVAC MB-3CD Air Force Master Blaster 8-HP Car & Motorcycle Dryer Instruction Manual

Model: MB3CD

1. INTRODUCTION

Thank you for choosing the METROVAC MB-3CD Air Force Master Blaster Car & Motorcycle Dryer. This powerful 8-HP unit is designed to provide efficient, touch-free drying for your vehicles, preventing water spots and streaks. Constructed from durable steel, it offers robust performance for both professional detailing and home garage use. Please read this manual thoroughly before operating the device to ensure safe and optimal performance.



Figure 1: The METROVAC MB-3CD Air Force Master Blaster 8-HP Car & Motorcycle Dryer with included accessories.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric

shock, or injury.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded 110-Volt outlet. Do not use with extension cords that are not rated for the appliance's power requirements. Unplug the unit when not in use or before performing maintenance.
- **Water Exposure:** Do not operate the dryer in standing water or immerse it in water. Keep the unit and electrical connections dry.
- **Hearing Protection:** The dryer produces a powerful airflow. It is recommended to wear hearing protection during extended use.
- **Eye Protection:** Always wear eye protection to prevent debris from entering your eyes.
- **Nozzle Use:** Do not direct the airflow at people or animals. Keep hands and loose clothing away from the nozzle and air intake during operation.
- **Ventilation:** Ensure adequate ventilation when operating the dryer.
- **Children and Pets:** Keep children and pets away from the operating unit.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- METROVAC MB-3CD Blower Unit with Fixed Wheels
- 10-Foot x 1.5-Inch Flexible Commercial Strength Hose
- Heavy Duty Neoprene Blower Nozzle
- 5 Interchangeable Attachments (various shapes for different applications)
- 12-Foot Heavy Duty, 3 Conductor Power Cord
- Easy Change Foam Filter (pre-installed or separate)

4. SETUP

Follow these steps to set up your MB-3CD dryer:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Positioning:** Place the blower unit on a stable, level surface. The fixed wheels allow for easy movement.
3. **Attach Hose:** Securely attach the flexible commercial strength hose to the blower unit's outlet. Ensure the connection is tight to prevent air leakage.
4. **Select Nozzle:** Choose the appropriate nozzle attachment for your drying task and firmly attach it to the end of the hose.
5. **Power Connection:** Plug the 12-foot heavy duty, 3 conductor power cord into a grounded 110-Volt electrical outlet.



Figure 2: The MB-3CD dryer is compact and easily maneuverable for vehicle drying.

5. OPERATING INSTRUCTIONS

The MB-3CD features dual motors and two-stage dual fans, offering powerful and heated airflow for efficient drying.

5.1 Powering On/Off and Speed Control

- The unit has two switches, one for each motor.
- Flip one switch to activate a single motor for lower airflow (4.0 Peak HP).
- Flip both switches to activate both motors for maximum airflow (8.0 Peak HP) and faster drying.
- The unit also features two speeds, allowing you to adjust the airflow intensity.
- The air produced by the dryer will warm up during operation, aiding in the drying process.

5.2 Drying Techniques

For best results, start drying from the top of the vehicle and work your way down. Use the powerful airflow to push water off surfaces, rather than just evaporating it.

- **Large Surfaces (Hood, Roof, Trunk):** Use a wider nozzle or the standard blower nozzle to quickly clear water from large, flat panels.
- **Crevices and Tight Areas:** Utilize the narrower or pointed attachments to blast water out of door jambs, mirror housings, grilles, emblems, and wheel crevices. This prevents water from dripping out later and causing streaks.
- **Wheels and Tires:** The powerful airflow is excellent for drying wheels and tires, preventing water spots on rims and sling from tire dressings.



Figure 3: Using a nozzle to dry intricate areas like side mirrors.



Figure 4: Drying the main body panels of a car with the MB-3CD dryer.

5.3 Official Product Video

Video 1: An official promotional video showcasing the features and use of the METROVAC Air Force Master Blaster dryer for vehicle detailing.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MB-3CD dryer.

- **Filter Cleaning:** The unit is equipped with an easy-change foam filter. Regularly check the filter for dust and debris. Clean or replace the filter as needed to maintain optimal airflow and prevent motor strain.
- **Hose and Nozzles:** Inspect the hose and nozzles for any damage or blockages. Clean them with mild

soap and water if necessary.

- **Storage:** Store the dryer in a clean, dry place when not in use. Avoid storing in extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your MB-3CD dryer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Faulty switch	Check power cord connection and outlet. Ensure switches are in the 'ON' position.
Reduced airflow	Clogged filter; Blocked hose/nozzle	Clean or replace the foam filter. Check hose and nozzles for obstructions.
Hose detaches during use	Improper hose attachment	Ensure the hose is securely fastened to the blower unit and tightened with the clamp if applicable.
Unit overheats	Blocked airflow; Prolonged use	Check for obstructions in the air intake or exhaust. Allow the unit to cool down. Ensure filter is clean.

8. SPECIFICATIONS

Feature	Specification
Model	MB3CD
Peak Horsepower	8.0 HP (Dual Motor)
Airflow	58,500 ft./min.
Motors	2 motors, 2 stage dual fan
Speeds	2 speeds
Amps	18 Amps
Watts	2,160 Watts
Voltage	110 Volts
Item Weight	16.09 pounds (approx. 7.3 kg)
Product Dimensions	27 x 15 x 9 inches
Material	All Steel Construction
Color	Black
Cord Length	12-Feet
Hose Length	10-Feet
Origin	Made in USA

9. WARRANTY AND SUPPORT

The METROVAC MB-3CD Air Force Master Blaster comes with a **1-Year Warranty** from the date of purchase, covering defects in materials and workmanship under normal use.

For warranty claims, technical support, or to purchase replacement parts, please contact METROVAC customer service through their official website or the retailer where the product was purchased. Please have your model number and proof of purchase ready.