

MalTec ML2500-ASH-INDUSTRIAL

MalTec TurboVac ML2500-ASH-INDUSTRIAL Ash Vacuum Cleaner User Manual

Model: ML2500-ASH-INDUSTRIAL

1. INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your MalTec TurboVac ML2500-ASH-INDUSTRIAL Ash Vacuum Cleaner. This appliance is designed for vacuuming cold ash from various ovens, fireplaces, barbecues, and other hard-to-reach areas where dust accumulates. It also features a blower function for clearing debris.

2. SAFETY INSTRUCTIONS

Read all safety warnings and instructions before using the appliance. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the rating label on the vacuum cleaner.
- Do not vacuum hot embers, glowing materials, or any ash that is not completely cold. Ash must be completely cooled down to prevent fire hazards.
- Do not vacuum flammable or combustible liquids, gases, or explosive dust.
- Always disconnect the power plug from the socket before cleaning or performing maintenance on the appliance.
- Keep the appliance away from children and pets.
- Do not use the appliance if the power cord, plug, or any other part is damaged. Contact qualified service personnel for repairs.
- Ensure all filters are correctly installed before operation to prevent damage to the motor and ensure effective filtration.
- The heat-resistant hose and tank are designed for cold ash. While the hose can handle warm ash, it is critical that no glowing embers are present.
- The anti-static chain helps dissipate static electricity. Ensure it is in contact with the ground during operation.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any parts are missing or damaged, contact your retailer.

- MalTec TurboVac ML2500-ASH-INDUSTRIAL Ash Vacuum Cleaner
- Flexible Hose with Aluminum Coating (2m length)
- Aluminum Tube Nozzle
- HEPA Filter
- 2 x Fabric Filter Bags
- Wheels (for assembly)
- Wide Nozzle for Floors and Carpets
- Sectional Tubes (2 pieces, 85 cm length each)
- User Manual



4. PRODUCT OVERVIEW

The MalTec TurboVac ML2500-ASH-INDUSTRIAL is a versatile vacuum cleaner designed for efficient ash and general debris removal. Its robust construction includes a stainless steel and plastic body, a 20-liter aluminum-coated collection tank, and a powerful 2000W motor. Key features include a double filtration system with a HEPA filter and conical fabric filter, a heat-resistant hose, and an anti-static chain for safe operation.



Image 4.1: The MalTec TurboVac ML2500-ASH-INDUSTRIAL with its accessories neatly stored.

5. SETUP

Follow these steps to assemble your ash vacuum cleaner:

1. **Attach the Wheels:** Turn the main tank upside down. Insert the wheels into the designated slots on the base of the tank until they click securely into place.
2. **Install Filters:**





Image 5.1: Exploded view showing the motor unit, HEPA filter, and conical fabric filter.

- Place the conical fabric filter over the central intake in the tank.
 - Position the HEPA filter on top of the conical fabric filter, ensuring it sits snugly.
 - If using, place one of the fabric filter bags over the HEPA filter for additional protection against fine dust.
3. **Secure the Motor Unit:** Carefully place the motor unit (top part with handle) onto the tank, aligning it with the clips. Secure the clips on the sides of the tank to firmly attach the motor unit.
 4. **Connect the Hose:** Insert the flexible hose into the suction port on the side of the tank. Ensure it is locked into place. For the blower function, insert the hose into the exhaust port.



Image 5.2: Detail of the hose connection, showing 'lock' and 'unlock' positions.

5. **Attach Nozzles/Tubes:** Connect the aluminum tube nozzle or the wide floor nozzle to the end of the flexible hose as required for your cleaning task. For industrial suction, attach the sectional tubes and the universal vacuum nozzle.

6. OPERATING INSTRUCTIONS

6.1. Ash Vacuuming

- Ensure the ash is completely cold before vacuuming.
- Connect the flexible hose with the aluminum tube nozzle to the suction port.
- Plug the power cord into a suitable electrical outlet.
- Turn on the vacuum cleaner using the power switch.
- Carefully vacuum the cold ash from your fireplace, oven, or barbecue. The heat-resistant components allow for safe handling of cold ash.
- The integrated anti-static chain helps prevent static build-up during operation.



Image 6.1: Using the ash vacuum cleaner to clean a fireplace.

6.2. General Vacuuming (Industrial Suction)

- For general cleaning of floors and carpets, attach the sectional tubes and the wide floor nozzle to the flexible hose.
- Proceed with vacuuming as you would with a standard vacuum cleaner.



Image 6.2: The vacuum cleaner in use for general floor cleaning.

6.3. Blower Function

- To use the blower function, disconnect the flexible hose from the suction port.
- Insert the flexible hose firmly into the exhaust port (usually located on the top or side of the motor unit).
- Turn on the vacuum cleaner. Air will now be expelled through the hose, allowing you to clear debris from hard-to-reach areas or blow leaves. This function can also assist in lighting barbecues.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your MalTec TurboVac.

7.1. Emptying the Tank

- Before emptying, ensure the vacuum cleaner is unplugged.
- Unclip the motor unit from the tank and lift it off.
- Carefully remove the filters.
- Empty the contents of the 20-liter aluminum-coated tank into a suitable waste container.
- Wipe the inside of the tank with a damp cloth if necessary.

7.2. Filter Cleaning

The double filtration system, including the HEPA filter and conical fabric filter, requires regular cleaning, especially when vacuuming fine ash. For heavy use, clean filters every two weeks.

- Perform filter cleaning outdoors or in a well-ventilated area, such as a garage, as fine ash can disperse.
- With the motor unit removed, gently tap the micro-ash off the conical fabric filter and HEPA filter into a collection bucket.
- Remove the conical fabric filter and the HEPA filter.
- Wash the fabric filter bag (if used) with soap in warm (not hot) water.
- Shake the HEPA filter in the same soapy water to dislodge embedded dust.

- Rinse both filters thoroughly under running water until clean.
- Allow both filters to dry completely before reassembling them into the vacuum cleaner. Ensure they are bone dry to prevent mold growth and maintain filtration efficiency.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vacuum cleaner does not turn on.	No power supply; Power switch off; Damaged power cord/plug.	Check power outlet; Ensure switch is ON; Inspect cord/plug for damage (contact service if damaged).
Reduced suction power.	Clogged filters; Full collection tank; Blockage in hose/nozzle; Improperly sealed motor unit.	Clean or replace filters; Empty the tank; Check hose/nozzle for obstructions; Ensure motor unit is securely clipped.
Dust escaping from the vacuum.	Filters not installed correctly; Damaged filters; Motor unit not sealed properly.	Reinstall filters correctly; Replace damaged filters; Ensure motor unit clips are secure.
Unusual noise during operation.	Foreign object in motor; Damaged motor.	Immediately turn off and unplug. Inspect for foreign objects. If noise persists, contact service.

9. SPECIFICATIONS

Feature	Specification
Brand	MaTec
Model	ML2500-ASH-INDUSTRIAL
Motor Power	2000 Watts
Voltage	230 Volts
Tank Capacity	20 Litres
Hose Length	2 meters
Cable Length	4 meters
Hose Diameter	4 cm
Dimensions (L x W x H)	29 x 29 x 44 cm
Weight	4.5 Kilograms

Feature	Specification
Material	Stainless steel and plastic
Filter Type	HEPA, Fabric
Special Features	Blower function, Anti-static chain, Heat-resistant components



Image 9.1: Product dimensions of the ash vacuum cleaner.

10. WARRANTY AND SUPPORT

Your MalTec TurboVac ML2500-ASH-INDUSTRIAL Ash Vacuum Cleaner comes with a **24-month door-to-door**

warranty from the date of purchase. This warranty covers manufacturing defects and material faults under normal use conditions.

For warranty claims, technical support, or spare parts inquiries, please contact your retailer or the MalTec customer service department. Please have your proof of purchase and product model number (ML2500-ASH-INDUSTRIAL) ready when contacting support.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question