

Deerma VC20 PLUS

Deerma VC20 PLUS Handheld Cordless Vacuum Cleaner User Manual

Model: VC20 PLUS

1. INTRODUCTION

Thank you for choosing the Deerma VC20 PLUS Handheld Cordless Vacuum Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before first use and retain it for future reference.

The Deerma VC20 PLUS is a versatile 5500Pa handheld cordless vacuum cleaner designed for both home and car use. Its lightweight design and powerful suction make cleaning various surfaces convenient and effective.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury, always observe basic safety precautions when using an electrical appliance, including the following:

- Read all instructions before using the appliance.
- Do not use outdoors or on wet surfaces.
- Do not allow 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 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 openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- 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 to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pick up toxic material, such as chlorine bleach, ammonia, or drain cleaner.
- Do not use without dust bag and/or filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up hard or sharp objects such as glass, nails, screws, coins, etc., as this may damage the appliance.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance.
- Recharge only with the charger specified by the manufacturer.

3. PACKAGE CONTENTS

Please check the contents of your package. If any items are missing or damaged, contact your retailer.

- Main Vacuum Unit (Handheld)
- Extension Tube
- Floor Brush Head
- 2-in-1 Crevice Tool
- Small Brush Head
- Power Adapter/Charger
- User Manual (this document)



Figure 3.1: Overview of the Deerma VC20 PLUS vacuum cleaner and its included accessories, showing the main unit, extension tube, floor brush, and two smaller attachments.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Deerma VC20 PLUS vacuum cleaner.



Figure 4.1: The Deerma VC20 PLUS in its full stick configuration, highlighting its sleek design and the Deerma brand logo.

1. **Main Unit:** Contains the motor, dust cup, and battery.
2. **Dust Cup:** Collects dust and debris.
3. **Filter System:** Includes a microcellular cyclone tower and HEPA filter.
4. **Power Button:** To turn the vacuum on/off and switch modes.
5. **Extension Tube:** Connects the main unit to the floor brush for stick vacuuming.
6. **Floor Brush Head:** For cleaning hard floors and carpets. Features an anti-winding comb structure.
7. **Crevice Tool:** For narrow gaps and corners.
8. **Small Brush Head:** For upholstery and delicate surfaces.
9. **Charging Port:** For connecting the power adapter.

5. SETUP AND ASSEMBLY

Follow these steps to assemble your Deerma VC20 PLUS vacuum cleaner:

1. **Charging the Battery:** Before first use, fully charge the vacuum cleaner. Connect the power adapter to the charging port on the main unit and plug it into a wall outlet. The charging indicator light will show the charging status. A full charge provides approximately 30 minutes of runtime.
2. **Assembling the Stick Vacuum:**
 - a. Insert the extension tube into the main vacuum unit until it clicks securely into place.
 - b. Attach the floor brush head to the other end of the extension tube, ensuring it clicks securely.
3. **Assembling the Handheld Vacuum:**
 - a. For handheld use, detach the extension tube and floor brush.
 - b. Directly attach the 2-in-1 crevice tool or the small brush head to the main vacuum unit until it clicks.



Figure 5.1: The main vacuum unit shown with the crevice tool and small brush head, illustrating its handheld configuration options.

6. OPERATING INSTRUCTIONS

Your Deerma VC20 PLUS offers two operating modes for efficient cleaning.

1. **Power On/Off:** Press the power button on the main unit to turn the vacuum cleaner on. Press it again to turn it off.
2. **Switching Modes:** The vacuum features two suction modes. Press the power button once for standard mode, and press it again for maximum suction mode. The indicator light may change to reflect the selected mode.
3. **Using the Floor Brush:** For large areas like floors and carpets, use the floor brush head. Its flexible design allows for easy maneuverability under furniture. The anti-winding comb structure helps prevent hair entanglement on the roller brush.
4. **Using Attachments:** For specific cleaning tasks:
 - a. Use the **2-in-1 crevice tool** for tight spaces, corners, and edges.
 - b. Use the **small brush head** for dusting delicate surfaces, upholstery, or car interiors.
5. **Cleaning High Areas:** The lightweight design and various attachments make it suitable for cleaning high-up areas like air vents or ceiling corners.



Figure 6.1: Demonstrates the vacuum's ability to clean under low furniture, showcasing its flexible design.



Figure 6.2: A detailed view of the floor brush in action, effectively picking up debris from a hard floor surface.

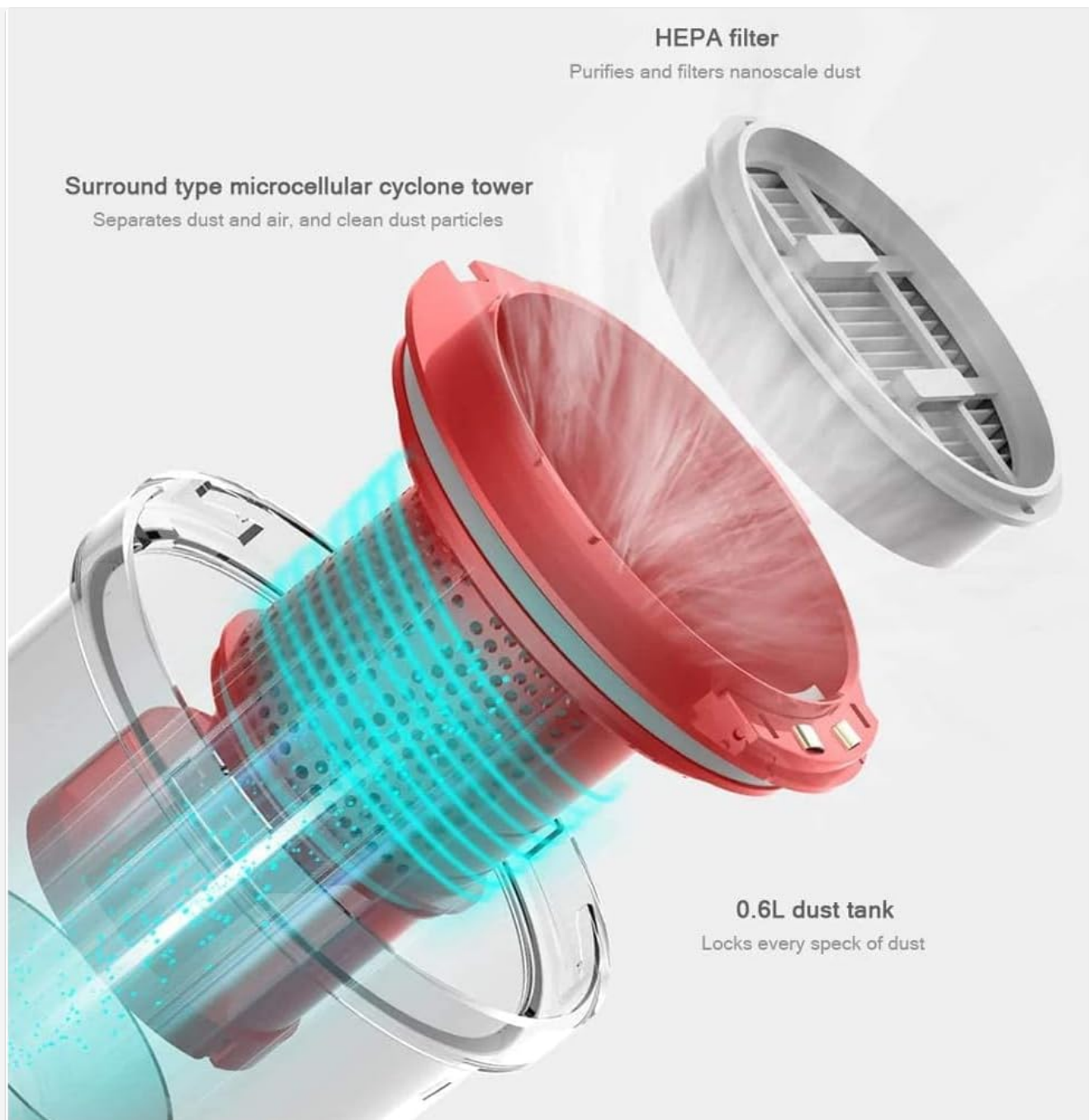


Figure 6.3: Illustrates the lightweight design and versatility of the vacuum for cleaning elevated surfaces like air vents.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your vacuum cleaner.

1. Emptying the Dust Cup:

- When the dust cup is full, or suction power decreases, empty it.
- Press the dust cup release button and detach the dust cup from the main unit.
- Open the dust cup lid and empty the contents into a trash bin.
- Reattach the dust cup securely.

2. Cleaning the Filters:

- The vacuum features a microcellular cyclone tower and a HEPA filter. These should be cleaned regularly to maintain suction.

- b. Remove the filters from the dust cup.
- c. Tap the filters gently to remove loose dust. For thorough cleaning, rinse them under running water.
- d. Ensure filters are completely dry before reinserting them into the dust cup. Do not use the vacuum with wet filters.

3. Cleaning the Roller Brush:

- a. Periodically check the roller brush in the floor head for tangled hair or debris.
- b. Remove the roller brush cover (refer to the diagram on the floor brush for release mechanism).
- c. Carefully remove any tangled hair or fibers from the roller brush. The anti-winding comb structure minimizes this, but occasional cleaning may still be necessary.
- d. Reinsert the roller brush and secure its cover.

Lightweight design

Makes cleaning more labor-saving



Figure 7.1: Exploded view of the dust tank, illustrating the microcellular cyclone tower and the HEPA filter for effective dust separation and purification.

8. TROUBLESHOOTING

If you encounter issues with your Deerma VC20 PLUS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Vacuum does not turn on.	Battery is depleted. Power button not pressed correctly.	Charge the battery fully. Ensure the power button is pressed firmly.
Low suction power.	Dust cup is full. Filters are clogged. Attachments or tube are blocked. Roller brush is obstructed.	Empty the dust cup. Clean or replace the filters. Check and clear any blockages in the attachments or extension tube. Clean the roller brush.
Vacuum stops during operation.	Battery is low. Overheating protection activated.	Recharge the battery. Turn off the vacuum and let it cool down for at least 30 minutes before resuming use.
Unusual noise.	Blockage in the air path. Damaged component.	Check for and remove any blockages. If the noise persists, contact customer support.

If the problem persists after trying these solutions, please contact Deerma customer support.

9. SPECIFICATIONS

Technical specifications for the Deerma VC20 PLUS Handheld Cordless Vacuum Cleaner:

Feature	Specification
Brand	Deerma
Model Number	VC20 PLUS
Suction Power	5500Pa (Max)
Power / Wattage	120 watts
Voltage	14 Volts
Number of Speeds	2
Noise Level	80 Decibels
Runtime	Up to 30 minutes
Dust Cup Capacity	0.6 Liters
Item Weight	1 Kilogram
Product Dimensions	17 x 22 x 77 cm
Special Features	Cordless, Anti-winding comb structure, Smart battery management

Feature	Specification
Filter Type	Cartridge (HEPA)
Surface Recommendation	All floors
Power Source	Battery Powered

10. WARRANTY AND SUPPORT

Deerma products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or contact your local retailer. For technical support or service inquiries, please visit the official Deerma website or contact their customer service department.

Keep your purchase receipt as proof of purchase for warranty claims.



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