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vhbw M2827

vhbw 10-Piece Filter Set for Dirt Devil Centec M2827 Series Vacuum Cleaners

Instruction Manual

Introduction | Product Overview | Setup | Maintenance | Troubleshooting | Specifications | Compatibility

1. Introduction

This instruction manual provides essential information for the proper installation, use, and maintenance of your vhbw 10-piece filter set for Dirt Devil Centec M2827 series vacuum cleaners. Adhering to these instructions will help ensure optimal performance of your vacuum cleaner and prolong its lifespan.

2. Product Overview

The vhbw 10-piece filter set is designed to replace worn or dirty filters in compatible Dirt Devil Centec vacuum cleaners. Regular replacement of filters is crucial for maintaining strong suction power, effective air filtration, and protecting the vacuum cleaner's motor.

Components Included:

- **2x Exhaust Filters:** These filters are designed to capture fine dust, pollen, and other airborne particles before the air is expelled from the vacuum cleaner, ensuring cleaner exhaust air. They are made of fleece material and are white in color. Dimensions: 1.5 cm (height) x 10.5 cm (length) x 8 cm (width).
- **2x Central Lamellar Filters:** These pleated filters are critical for separating suspended particles from the air, trapping even the smallest dust particles. They are white with a black frame. Dimensions: 60 mm (top diameter), 76 mm (bottom diameter), 48 mm (ventilation opening diameter), 9 cm (height). Filter class: F8.
- **2x Motor Protection Filters:** These foam filters protect the vacuum cleaner's motor from impurities and fine dust, which can significantly extend the motor's operational life. They are black in color. Dimensions: 7.7 cm (length) x 4 cm (width) x 1.5 cm (height).
- **4x Filter-Guards:** Made from microfleece, these white filter-guards provide an additional layer of protection, often used as a pre-filter to extend the life of other filters.



Figure 2.1: An overview of the vhbw 10-piece filter set, showing various filter types included in the package.



Figure 2.2: A detailed view of the central lamellar filter, highlighting its pleated structure designed for efficient particle capture.



Figure 2.3: A close-up of the motor protection filter, typically made of foam, which safeguards the vacuum's motor from dust.



Figure 2.4: An exhaust filter, usually made of fleece, responsible for filtering air before it exits the vacuum cleaner.

3. Setup and Installation

Before installing new filters, ensure your vacuum cleaner is unplugged from the power outlet to prevent accidental activation.

General Filter Installation Steps:

1. **Locate Filter Compartments:** Refer to your specific Dirt Devil Centec vacuum cleaner's user manual to identify the locations of the exhaust filter, central lamellar filter, motor protection filter, and filter-guard compartments. These are typically found near the dust container, motor housing, and air outlet.
2. **Remove Old Filters:** Carefully remove the old, dirty filters. Dispose of them according to local regulations.
3. **Clean Compartments:** Gently wipe down the filter compartments to remove any accumulated dust or debris before inserting new filters.
4. **Insert New Filters:** Place the new vhbw filters into their respective compartments. Ensure each filter is seated correctly and securely. The central lamellar filter often twists into place, while motor and exhaust filters may slide or clip in. The filter-guards are typically placed over other filters.
5. **Close Compartments:** Securely close all filter compartments and ensure they are properly latched.
6. **Test:** Plug in your vacuum cleaner and perform a brief test to ensure it operates normally and suction is restored.

Note: Specific installation procedures may vary slightly depending on your exact Dirt Devil Centec model. Always consult your vacuum cleaner's original manual for detailed, model-specific instructions.

4. Maintenance

Regular maintenance of your vacuum cleaner filters is essential for optimal performance and hygiene.

Filter Replacement Schedule:

- **Exhaust Filters & Central Lamellar Filters:** It is recommended to replace these filters every 6 to 12 months, or more frequently if the vacuum cleaner is used heavily or in dusty environments.
- **Motor Protection Filters:** Replace these filters every 12 months, or if they appear heavily soiled or damaged.
- **Filter-Guards:** These can often be cleaned by gently tapping out dust or rinsing if specified by your vacuum cleaner's manual. Replace them when they show signs of wear or cannot be cleaned effectively.

Note: The vhbw filter set is designed for replacement. While some filters may be reusable (e.g., by rinsing), their filtration efficiency decreases over time. For best performance and air quality, timely replacement is recommended.

5. Troubleshooting

If you experience issues with your vacuum cleaner after filter replacement, consider the following common problems and solutions:

Common Issues:

- **Reduced Suction Power:**
  - Ensure all filters are correctly installed and seated.
  - Check if any filters are clogged. Even new filters can become clogged quickly in extremely dirty environments.
  - Verify that the dust container is not full.
- **Vacuum Cleaner Overheating:**
  - Clogged filters, especially the motor protection filter, can restrict airflow and cause the motor to overheat. Ensure all filters are clean and properly installed.
  - Check for blockages in the hose or attachments.
- **Unusual Odors:**
  - Old, dirty filters can harbor bacteria and cause odors. Replace all filters if odors persist.

If problems persist after checking these points, consult the original Dirt Devil Centec vacuum cleaner manual or contact a qualified service technician.

6. Specifications

Feature	Detail
Brand	vhbw
Model Number (Item)	vhbw
Material	Microfleece (Filter-Guard), Fleece (Exhaust Filter), Foam (Motor Protection Filter)
Number of Items	10 (2x Exhaust, 2x Central Lamellar, 2x Motor Protection, 4x Filter-Guard)
Product Dimensions (L x W x H)	15.9 x 12.4 x 7.8 cm
Item Weight	110 Grams
Reusability	Reusable (for some components, but replacement recommended for optimal performance)
Replacement for	2828001

7. Compatibility

This vhbw filter set is compatible with the following Dirt Devil Centec vacuum cleaner models:

- Dirt Devil Centec M2827-1
- Dirt Devil Centec M2827-2
- Dirt Devil Centec M2827-3
- Dirt Devil Centec M2827-4
- Dirt Devil Centec M2827-5
- Dirt Devil Centec M2827-6
- Dirt Devil Centec M2827-7
- Dirt Devil Centec M2827-8
- Dirt Devil M2828 Centec
- Dirt Devil M2828-0
- Dirt Devil M2828-1
- Dirt Devil M2828-2
- Dirt Devil M2828-3
- Dirt Devil M2829-0
- Dirt Devil M2829-2

Please verify your vacuum cleaner's model number to ensure full compatibility.

8. Warranty and Support

For information regarding warranty, returns, or technical support, please refer to the retailer where the product was purchased or visit the official vhbw website. Keep your proof of purchase for any warranty claims.

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