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vhbw Active Carbon Filter Instruction Manual

For De Dietrich Range Hoods (21 cm)

Introduction

This manual provides essential information for the vhbw active carbon filter, designed to maintain optimal air quality in your kitchen by filtering odors and vapors produced during cooking. For efficient and hygienic operation of your range hood, ensure the active carbon filter is clean and in good condition. This filter enables your range hood to operate in recirculation mode, effectively removing unpleasant cooking odors and ensuring a pleasant indoor climate.

Setup and Installation

The vhbw active carbon filter is designed for easy installation and replacement, typically using a bayonet lock mechanism. Follow these general steps for installation:

1. **Safety First:** Before beginning installation, ensure your range hood is completely switched off and disconnected from the power supply to prevent electrical hazards.
2. **Access the Filter Compartment:** Open the range hood's filter compartment. This usually involves releasing latches or clips on the grease filters or the hood's cover. Refer to your specific range hood's manual for exact instructions on accessing the carbon filter area.
3. **Remove Old Filter (if applicable):** If replacing an old filter, carefully detach it. Carbon filters often use a bayonet lock system, requiring a slight twist and pull motion to release.
4. **Insert New Filter:** Align the new vhbw active carbon filter with the mounting points in the range hood. For bayonet lock types, insert the filter and rotate it clockwise until it locks securely into place. Ensure it is firmly seated to prevent air bypass.
5. **Close Compartment:** Re-secure any grease filters or covers that were removed.
6. **Restore Power:** Reconnect the range hood to the power supply.



Image 1: Top view of the vhbw active carbon filter. This shows the primary filtration surface.

Operating the Filter

Once installed, the active carbon filter works by absorbing odors and impurities from the air drawn into the range hood. When your range hood is set to recirculation mode, the air passes through the carbon filter after grease filtration, where activated carbon granules trap odor molecules. The cleaned air is then returned to the kitchen. This process ensures a fresh environment without the need for external venting.



Image 2: Bottom view of the vhbw active carbon filter, illustrating the structural grid.

Maintenance and Replacement

For optimal performance and to maintain effective odor elimination, it is crucial to replace the active carbon filter regularly. The recommended replacement cycle is approximately every **3 to 6 months**, depending on the frequency and intensity of your cooking. A saturated carbon filter will lose its ability to absorb odors, leading to reduced air quality in your kitchen.
To replace the filter, follow the same steps as installation (refer to the Setup and Installation section), ensuring the range hood is disconnected from power before handling.



Image 3: Side view of the vhbw active carbon filter, highlighting its dimensions and mounting tabs.

Troubleshooting

If you notice a decrease in odor absorption or persistent cooking smells despite the range hood operating, consider the following:

- **Filter Saturation:** The most common reason for reduced effectiveness is a saturated carbon filter. Replace the filter if it has been in use for 3-6 months or longer.
- **Incorrect Installation:** Ensure the filter is correctly installed and securely locked into place. An improperly seated filter may allow air to bypass the carbon material.
- **Grease Filter Cleanliness:** Ensure the primary grease filters are clean. Clogged grease filters can reduce airflow, impacting the carbon filter's performance.

Specifications

Diameter:	21 cm
Height:	3.1 cm
Shape:	Round
Weight:	262 g
Material:	Active Carbon / Plastic
Color:	Black
Mounting Type:	Bayonet Lock (Plug-in and rotating movement)
Recommended Replacement Cycle:	Every 3 to 6 months

Compatibility

This vhbw active carbon filter is compatible with the following De Dietrich range hood models:

- De Dietrich H8995
- De Dietrich HE8995
- De Dietrich HE8995E2
- De Dietrich HK8923E1
- De Dietrich HM2894E1
- De Dietrich H8923
- De Dietrich H8936
- De Dietrich H8955

It is also a suitable replacement for filters with the following part numbers:

- 481281718524
- 00353121
- Type 210
- Type B210
- E3CFT210
- 8718868949547
- AFFCALN2
- AFFCALN2CS
- AS-AZKF050
- FC10

Warranty and Support

For information regarding warranty, returns, or technical support, please refer to the purchase documentation or contact vhbw customer service directly. Ensure you have your product details and purchase information available when contacting support.

Ask a question about this manual

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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.

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