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OTOTEC 630-HPW

OTOTEC Range Hood Activated Carbon Filter User Manual

Model: 630-HPW

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your OTOTEC 630-HPW Activated Carbon Filter. This filter is designed to enhance the air purification capabilities of compatible range hoods by effectively absorbing cooking odors and smoke particles.

For optimal performance and longevity of your range hood, it is crucial to follow the instructions outlined in this guide.



Image 1.1: The OTOTEC 630-HPW Activated Carbon Filter, a circular black filter designed for range hoods.

2. COMPATIBILITY

The OTOTEC 630-HPW Activated Carbon Filter is specifically designed to be compatible with the following Firegas range hood models:

- Firegas FGS-ESF23A360AC
- Firegas FGS-EBF23A360

Always verify your range hood's model number before purchasing or installing a replacement filter to ensure proper fit and function.



Black activated carbon filter



Image 2.1: The activated carbon filter shown in context with a typical kitchen range hood installation.

3. SETUP AND INSTALLATION

Installing the activated carbon filter is a straightforward process. Please ensure your range hood is turned off and unplugged from the power source before beginning installation to prevent any electrical hazards.

1. **Locate Filter Compartment:** Refer to your range hood's user manual to identify the filter compartment. This is typically located behind the metal grease filters.
2. **Remove Existing Filters:** If there is an old carbon filter or a blanking plate, carefully remove it according to your range hood's instructions. You may need to unclip or twist it.
3. **Install New Carbon Filter:** Align the new OTOTEC 630-HPW carbon filter with the designated slots or clips in the range hood. Gently push or twist the filter until it clicks securely into place. Ensure it is firmly seated and does not wobble.
4. **Replace Grease Filters:** Reinstall any metal grease filters that were removed.
5. **Test Functionality:** Plug the range hood back in and turn it on to ensure proper operation.

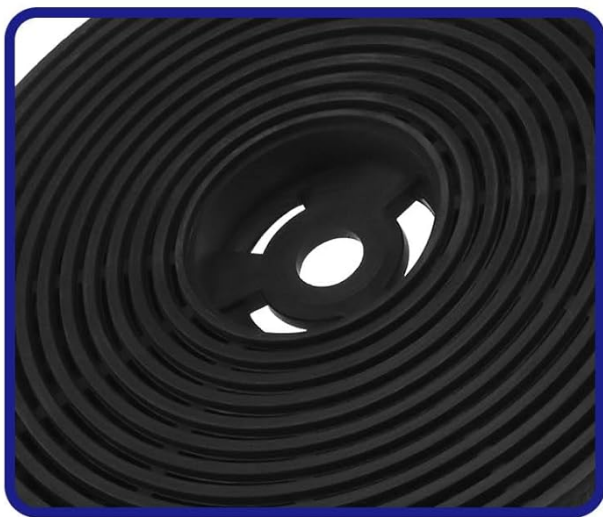


Image 3.1: Detailed view of the filter's internal structure and its overall circular shape, aiding in proper alignment during installation.

4. OPERATING THE FILTER

The activated carbon filter operates passively as part of your range hood's ventilation system. Once installed, it works automatically to absorb odors and purify the air as it passes through the hood. No specific user interaction is required for its operation.

Ensure your range hood is used regularly, especially during cooking, to maximize the filter's effectiveness in maintaining a fresh kitchen environment.

5. MAINTENANCE AND REPLACEMENT

Activated carbon filters are designed for absorption and cannot be washed or regenerated. They must be replaced periodically to maintain effective odor removal.

Replacement Frequency:

The lifespan of the carbon filter depends on the frequency and intensity of cooking. As a general guideline, it is

recommended to replace the filter every **3 to 6 months**. If you notice a decrease in odor absorption or persistent cooking smells, it is an indication that the filter needs to be replaced sooner.

Replacement Procedure:

1. Turn off and unplug the range hood.
2. Remove the metal grease filters.
3. Carefully unclip or twist the old carbon filter to remove it. Dispose of the old filter responsibly.
4. Install a new OTOTEC 630-HPW carbon filter by following the installation steps in Section 3.
5. Reinstall the metal grease filters and restore power to the range hood.

6. TROUBLESHOOTING

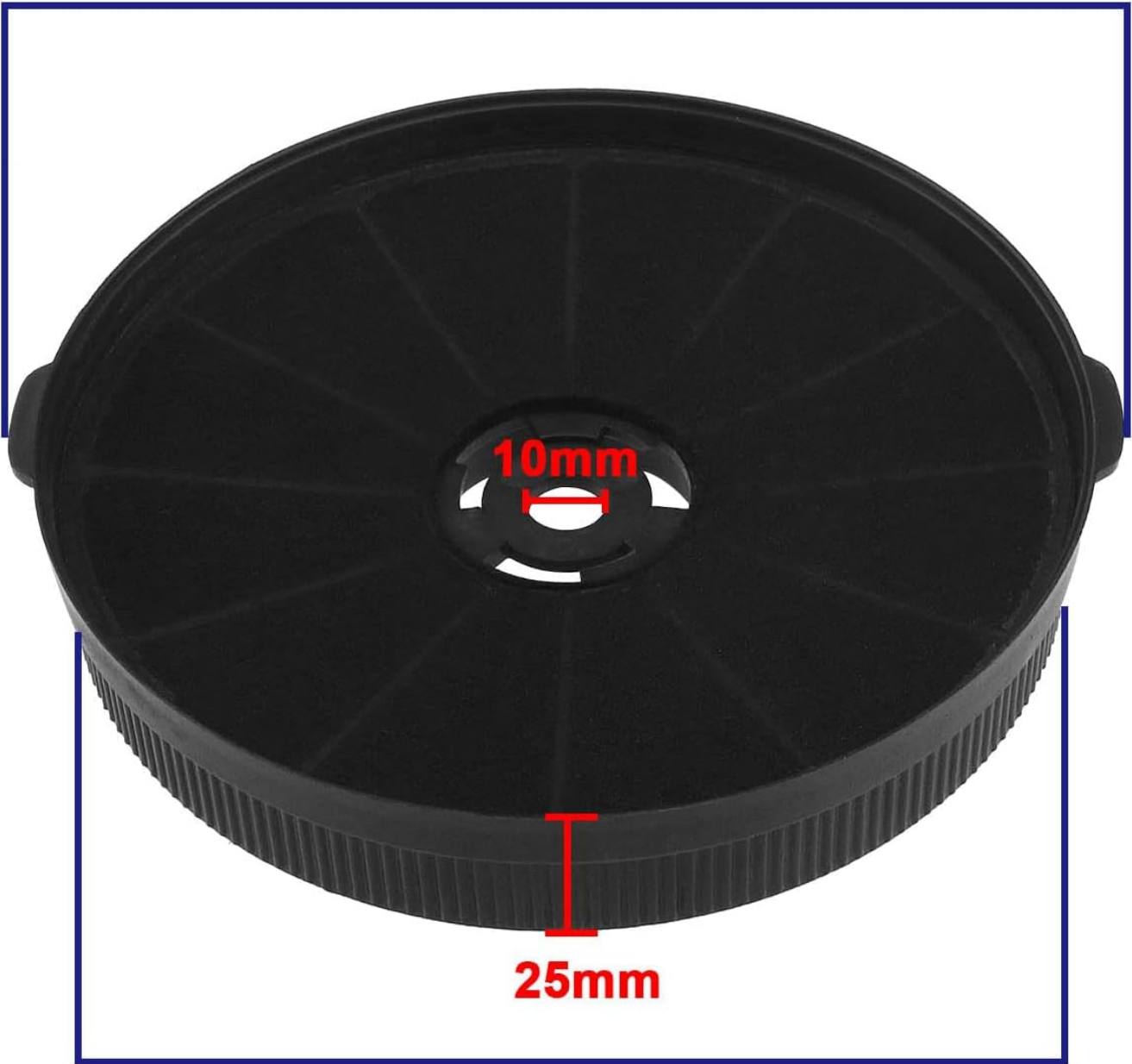
If you encounter issues with your activated carbon filter, consider the following common solutions:

- **Persistent Odors:** If cooking odors are not being effectively removed, the carbon filter may be saturated and require replacement. Refer to Section 5 for replacement guidelines.
- **Filter Not Fitting:** Ensure you have purchased the correct model (OTOTEC 630-HPW) and that it is compatible with your specific Firegas range hood model (FGS-ESF23A360AC or FGS-EBF23A360). Double-check the alignment during installation.
- **Reduced Airflow:** While carbon filters primarily affect odor, a severely clogged filter can slightly impede airflow. However, reduced airflow is more commonly caused by dirty metal grease filters or issues with the range hood's fan. Clean or replace grease filters as needed.

7. SPECIFICATIONS

| Attribute | Detail |
|--------------------|--------------------------|
| Manufacturer | OTOTEC |
| Part Number | 630-HP |
| Item Model Number | 630-HPW |
| Item Weight | 4.2 ounces |
| Package Dimensions | 5.91 x 5.91 x 1.1 inches |
| Material | Activated Carbon, Cotton |
| Color | Black |

140mm



134mm

Image 7.1: Diagram showing the approximate dimensions of the filter: 140mm (diameter), 134mm (base diameter), 25mm (height), and 10mm (center hole diameter).

8. WARRANTY AND SUPPORT

Specific warranty information for the OTOTEC 630-HPW Activated Carbon Filter is not provided in this manual. For details regarding warranty coverage, returns, or technical support, please refer to the product packaging or contact OTOTEC customer service directly through their official website or the retailer where the product was purchased. Always retain your proof of purchase for any warranty claims.