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Whirlpool SMARTSENSE ZEN TAFL 60 HAC BLDC BK HOOD

Whirlpool SmartSense Zen TAFL 60 HAC BLDC BK HOOD 60cm Kitchen Chimney User Manual

Model: SMARTSENSE ZEN TAFL 60 HAC BLDC BK HOOD

1. Introduction

Thank you for choosing the Whirlpool SmartSense Zen TAFL 60 HAC BLDC BK HOOD 60cm Kitchen Chimney. This manual provides essential information for the safe and efficient use of your new appliance. Please read these instructions carefully before installation and operation, and retain them for future reference.

This kitchen chimney is designed to enhance your cooking experience by effectively removing smoke, odors, and grease from your kitchen environment, featuring advanced technologies such as Smart Heat Sensor, Filterless Autoclean, and a BLDC Motor for optimal performance and energy efficiency.

2. Safety Information

Always adhere to basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the chimney is installed by a qualified technician in accordance with local regulations and the instructions provided.
- Do not operate the chimney if the power cord is damaged or if the appliance is malfunctioning.
- Maintain adequate ventilation in the room when the chimney is in use, especially if other fuel-burning appliances are present.
- Clean the chimney regularly to prevent grease buildup, which can pose a fire hazard.
- Keep children away from the appliance during operation and cleaning.
- Do not flambé under the chimney.

3. Product Overview

The Whirlpool SmartSense Zen TAFL 60 HAC BLDC BK HOOD is a sophisticated kitchen chimney designed for modern

kitchens. Key features include:

- **Smart Sense Technology:** Thermal sensors automatically activate the chimney when a gas stove is ignited.
- **Filterless Autoclean:** Utilizes a heating element to remove sticky oil particles, collected in a dedicated oil collector.
- **BLDC Motor:** Brushless DC motor for energy efficiency and consistent performance.
- **Powerful Suction:** Up to 2300 motor RPM for effective smoke elimination.
- **Intelli Speed:** Auto-adjustable motor with 24 speed ranges to match smoke levels.
- **Flexible Voltage Range:** Operates safely between 40V and 280V with an 'Auto Shutdown' feature for protection.
- **Multiple Control Options:** Remote Control, Gesture Control, and Touch Control.
- **LED Lamps:** Two integrated LED lamps for illuminated cooking.

Included Components:

- Whirlpool SmartSense Zen TAFL 60 HAC BLDC BK HOOD Chimney
- Remote Control



Image 3.1: Front view of the Whirlpool SmartSense Zen TAFL 60 HAC BLDC BK HOOD 60cm Kitchen Chimney with its remote control.



Image 3.2: Overview of the Whirlpool SmartSense Zen chimney highlighting power savings, powerful suction, less noise, Intelli Speed, and Flexi Voltage operation.

4. Setup

Proper installation is crucial for the performance and safety of your chimney. It is highly recommended to have the appliance installed by a certified professional.

- **Location:** Install the chimney directly above your cooking range, ensuring adequate clearance as per local safety standards and manufacturer recommendations.
- **Mounting:** This is a wall-mounted canopy hood. Ensure the wall structure can support the weight of the chimney (approximately 13.5 kg).
- **Ducting:** The chimney supports ducted ventilation. Ensure the ducting size is appropriate for efficient air extraction. The inverter motor ensures consistent performance regardless of ducting length (2ft to 30ft).
- **Power Supply:** Connect the chimney to a 220V (AC) power supply. The Flexible Voltage Range (40V-280V) and Auto Shutdown feature protect the unit from power fluctuations.

5. Operating Instructions

Your Whirlpool chimney offers multiple convenient ways to operate its functions.

5.1 Smart Sense Automatic Operation

The chimney is equipped with thermal sensors. When you ignite your gas stove, these sensors detect the heat and automatically activate the chimney. This ensures immediate smoke and odor extraction without manual intervention.



Image 5.1: Illustration of the Smart Auto Sense technology, showing the chimney automatically turning on when the gas stove is ignited.

5.2 Manual Control Options

You can manually adjust settings or switch the chimney off using any of the following methods:

- **Touch Control:** The control panel on the chimney features intuitive touch controls for power, speed adjustment, and other functions.
- **Gesture Control:** Wave your hand in front of the designated sensor to control basic functions like power on/off and speed adjustment.
- **Remote Control:** Use the provided remote control for convenient operation from a distance. This is particularly useful when your hands are occupied during cooking.



Image 5.2: Depiction of the multiple control options: remote control, gesture control, and touch control on the chimney.

5.3 Intelli Speed and Speed Adjustment

The Intelli Speed feature incorporates an auto-adjustable motor that intelligently adapts the suction speed based on the detected smoke level, optimizing power usage. You can also manually select from 24 different speed ranges to suit your cooking needs. The current RPM is displayed on the control panel.

5.4 LED Lighting

The chimney is equipped with two LED lamps to provide ample illumination over your cooking area. These can be switched on or off independently via the control panel or remote.



Image 5.3: Close-up view of the chimney's two integrated LED lamps providing light to the cooking surface.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your chimney.

6.1 Autoclean Function

The Autoclean feature uses a heating element to melt and dislodge sticky oil particles from the internal components. These particles are then collected in the built-in oil collector located underneath the chimney. Activate the Autoclean function periodically as recommended by the manufacturer or when you notice reduced suction.

6.2 Oil Collector

The oil collector gathers the oil and grease removed during operation and the Autoclean cycle. Regularly empty and clean the oil collector to prevent overflow and maintain hygiene. Refer to the product diagram for the exact location and removal instructions of the oil collector.

6.3 Filterless Technology

This chimney features filterless technology, meaning there are no physical filters to clean or replace. The sealed BLDC motor design prevents oil deposits and water vapors from interfering with its performance. While there are no filters, regular cleaning of the internal surfaces and the oil collector is still necessary.

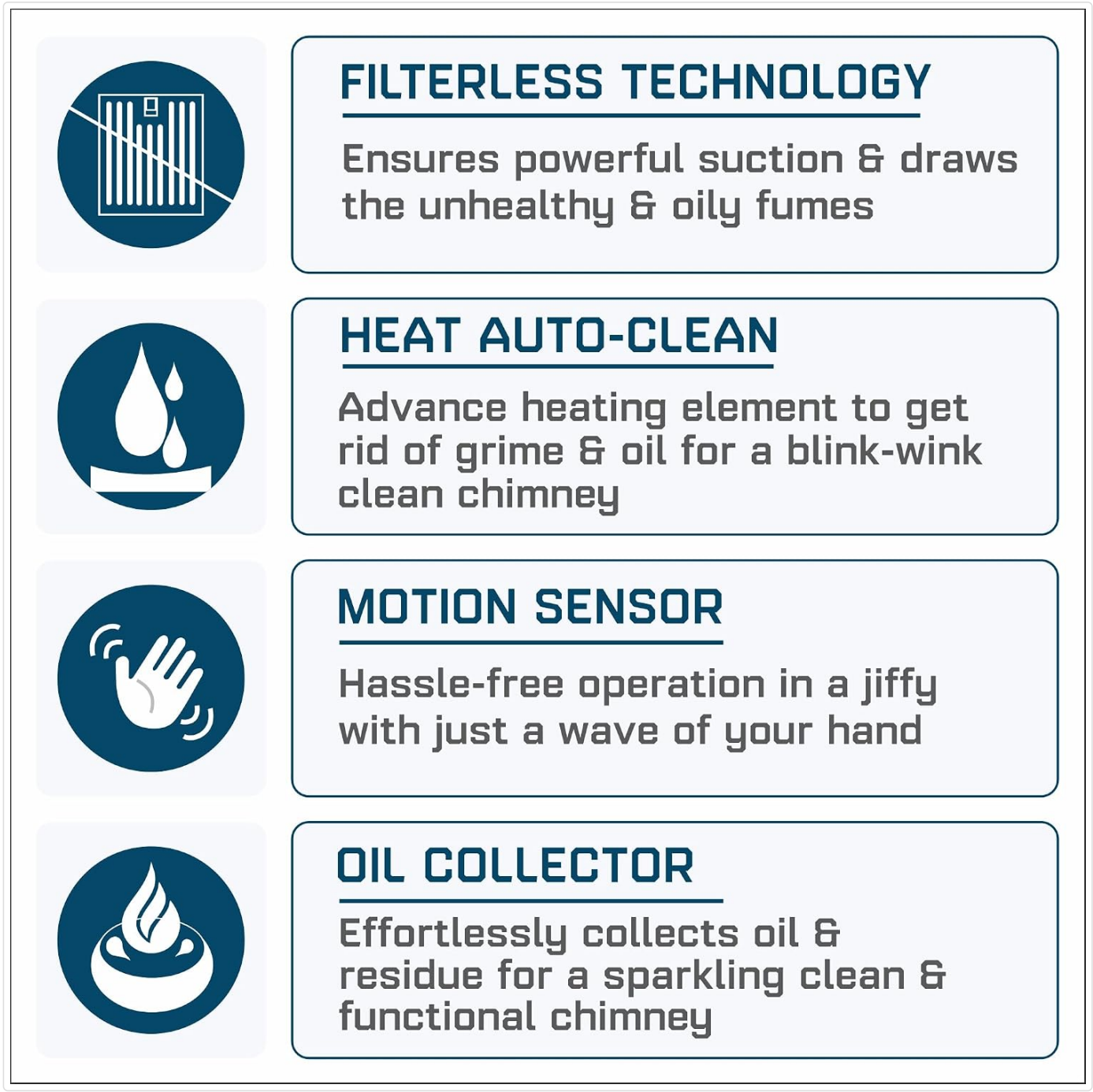


Image 6.1: Visual representation of key features including Filterless Technology, Heat Auto-Clean, Motion Sensor, and the Oil Collector.

6.4 Exterior Cleaning

Clean the exterior surfaces of the chimney with a soft, damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals that could damage the finish. Ensure the appliance is switched off and disconnected from the power supply before cleaning.

7. Troubleshooting

If you encounter issues with your chimney, refer to the following common troubleshooting steps. If the problem persists, contact customer support.

- **Chimney not turning on:** Check if the power cord is securely plugged in. Verify the main power supply. Ensure the 'Auto Shutdown' feature has not been activated due to extreme voltage fluctuations.
- **Reduced suction power:** Ensure the oil collector is not full and has been cleaned recently. Check for any obstructions in the ducting. Run the Autoclean cycle.

- **Smart Sense not activating:** Ensure the thermal sensors are clean and unobstructed. Verify that the gas stove is producing sufficient heat for detection.
- **Controls unresponsive:** For remote control, check battery levels. For touch or gesture controls, ensure the control panel and sensors are clean and dry.
- **Unusual noise:** Check for any loose parts or foreign objects within the chimney. If the noise persists, contact service.

8. Specifications

Feature	Specification
Model	SMARTSENSE ZEN TAFL 60 HAC BLDC BK HOOD
Brand	Whirlpool
Material	Stainless Steel
Noise Level	58 Decibels
Mounting Type	Wall Mount
Controls Type	Touch + Gesture Control
Voltage	220 Volts (AC)
Number of Speeds	24
Item Weight	13.5 kg
Light Source Type	LED
Filter Type	Filterless
Ventilation Type	Ducted
Airflow Displacement	1425 CMPH
Product Dimensions (LxWxH)	50.5D x 60W x 48.7H Centimeters
Special Features	Auto Clean, Built-In Oil Collector, LED Lighting, Smart Heat Sensor, BLDC Motor, Intelli Speed, Flexible Voltage Range

9. Warranty and Support

Whirlpool offers a 3-year warranty care for this product. For warranty claims, service requests, or technical assistance, please contact Whirlpool customer support.

Please have your product model number (SMARTSENSE ZEN TAFL 60 HAC BLDC BK HOOD) and purchase details ready when contacting support.

Whirlpool Customer Service:

- Refer to the contact information provided in your product packaging or on the official Whirlpool website for your region.

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