

## SNDOAS GF3990S

# SNDOAS GF3990S 36-inch Under Cabinet Range Hood Instruction Manual

Model: GF3990S

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## 1. INTRODUCTION

Thank you for choosing the SNDOAS GF3990S 36-inch Under Cabinet Range Hood. This manual provides essential information for the safe installation, operation, and maintenance of your new range hood. Please read it thoroughly before use and retain it for future reference.

This range hood is designed to effectively remove smoke, steam, and cooking odors from your kitchen, ensuring a cleaner and more comfortable cooking environment. It features a versatile design allowing for both ducted and ductless ventilation options.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:**

- Install this range hood in accordance with all specified instructions.
- Ensure the electrical supply matches the voltage and frequency requirements (110-120V/60Hz).
- Always disconnect power before servicing or cleaning the unit.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Adequate ventilation is required for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent back-drafting.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ductwork must always be vented to the outdoors.
- Clean grease filters frequently. Grease should not be allowed to accumulate on fan or filter.
- Never leave surface units unattended at high settings. Boil-over causes smoking and greasy spill-overs

that may ignite.

- Use appropriate size cookware on each burner.

### 3. PACKAGE CONTENTS

Your SNDOAS GF3990S range hood package includes the following items:

- Hood body
- Carbon filter (Part # CF-3976)
- User manual
- Installation hardware

*Note: An aluminum exhaust pipe for ducted installation and a power cord kit (Part # PCK-GF3976) for plug-in mounted conversion are not included and must be purchased separately if required.*

### 4. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	SNDOAS
Model Number	GF3990S
Product Dimensions (D x W x H)	17.5"D x 35.9"W x 4.7"H
Color	Silver
Material Type	Stainless Steel
Air Flow Capacity	Max. 230 Cubic Feet Per Minute (CFM)
Noise Level	55 Decibels
Mounting Type	Under Cabinet Mount
Controls Type	Rocker Switch
Number of Speeds	2
Light Source	LED (2 watts)
Voltage/Frequency	110-120V/60Hz
Input Power	52 watts
Filter Type	Mesh (with carbon sponge)
Ventilation Type	Convertible (Ducted/Ductless)
Venting Outlets	7" round top vent, 9.9"x3.1" rectangular rear vent

## Easy to Clean

Made by stainless steel, durable, clean easily by wiping it with a cloth.



Figure 4.1: Range Hood Dimensions and Venting Options. The hood measures 35.4 inches wide, 17.5 inches deep, and 4.7 inches high. It features a 7-inch round top vent and a 9.9 x 3.1-inch rectangular rear vent.

## 5. INSTALLATION

The SNDOAS GF3990S range hood offers flexible installation options: ducted (vented to the outside) or ductless (recirculating air). It is designed for under-cabinet mounting.

### 5.1 Choosing Your Ventilation Method

- **Ductless (Recirculating) Installation:** This is the default setup. The included carbon sponge filter (Part # CF-3976) purifies the air before recirculating it back into the kitchen. No external ductwork is required.
- **Ducted (Vented) Installation:** For external venting, you will need to purchase an aluminum exhaust pipe separately. The hood provides two venting outlets: a 7-inch round top vent and a 9.9"x3.1" rectangular rear vent. Choose the appropriate outlet based on your kitchen's existing ductwork or new installation plan.



Figure 5.1: Installed SNDOAS Range Hood. This image demonstrates the range hood's appearance when mounted under a kitchen cabinet.



Figure 5.2: Ductless Recirculation Mode. This diagram shows how the range hood operates in ductless mode, filtering air through a carbon sponge filter and releasing it back into the room.



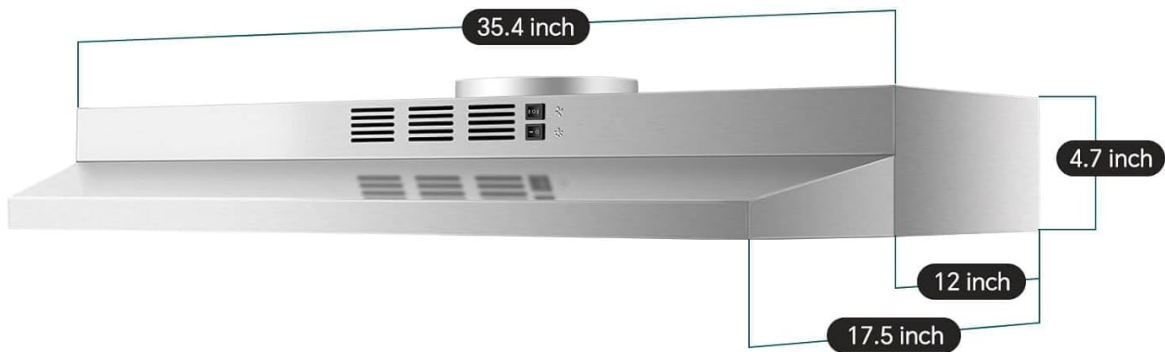
Figure 5.3: Ducted Exhaust Mode (Top Venting). This diagram illustrates the air path when the range hood is configured for ducted top venting.

## 5.2 Electrical Connection

The range hood defaults to hard-wired installation. If you prefer a plug-in mounted setup, you will need to purchase a power cord kit (Part # PCK-GF3976) separately.

## Dimensions of range hood

thin body, not occupying any extra space.



2 vents, venting from top or rear as your needs.



Figure 5.4: Hard-wired Installation. This image highlights the hard-wired connection point and the optional power cord kit for converting to a plug-in setup.

**CAUTION: All electrical work must be performed by a qualified electrician and in accordance with all applicable codes and standards.**

## 6. OPERATION

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The SNDOAS GF3990S range hood is equipped with simple rocker switches for controlling the fan speed and lighting.

### 6.1 Fan Control

The fan features two speed settings to accommodate various cooking needs:

- **Low Speed:** Ideal for light cooking, simmering, or when minimal ventilation is required.
- **High Speed:** Provides maximum airflow (up to 230 CFM) for heavy cooking, frying, or when strong odors are present.

Use the rocker switch labeled with fan icons to select your desired fan speed.

# 3-layer Aluminum Mesh Filter

effectively grab grease & filter out odors



Figure 6.1: Two-Speed Fan Control. This image shows the rocker switch for fan speed selection and the visual representation of low and high airflow.

## 6.2 Lighting Control

The range hood includes a 2-watt LED light located at the front to provide additional illumination for your cooking area.

- Use the rocker switch labeled with a light bulb icon to turn the LED light ON or OFF.



## Hard-wired Installation

Default is hard-wired, convert it to plug in by using power cord kit [#PCK-GF3976](#) (NOT included).

*Figure 6.2: LED Lighting. This image highlights the integrated LED light and its control switch, providing clear visibility over the stove.*

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your range hood.

### 7.1 Cleaning the Exterior

The stainless steel brushed finish is designed for easy cleaning. Simply wipe the exterior surfaces with a soft cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive pads that could scratch the finish.

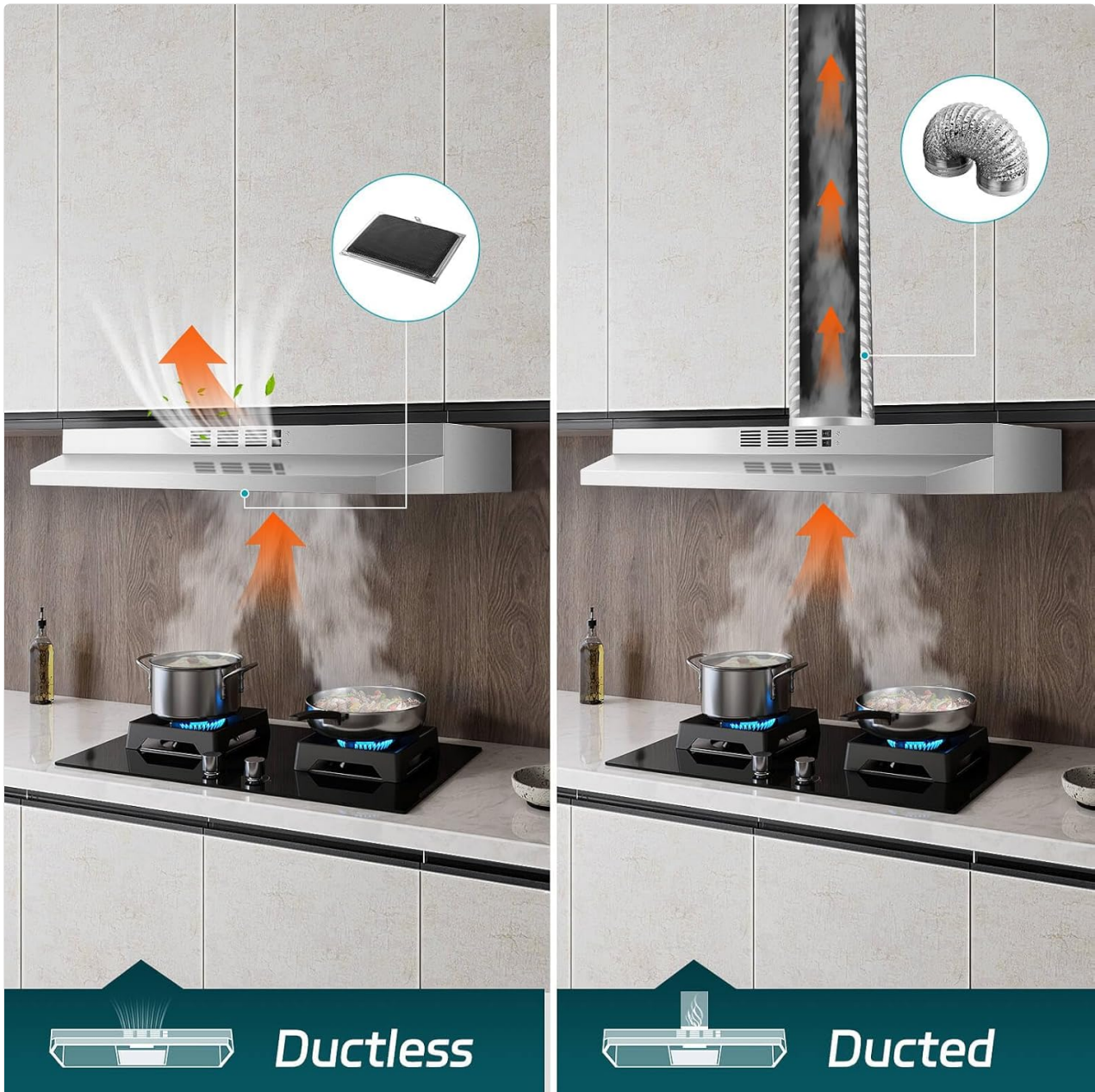


Figure 7.1: Easy Cleaning. This image shows the simple process of cleaning the range hood's stainless steel surface.

## 7.2 Filter Maintenance

The range hood is equipped with a 3-layer aluminum mesh filter that includes a carbon sponge (Part # CF-3976). This filter is crucial for capturing grease and filtering odors, especially in ductless mode.

- **Cleaning Aluminum Mesh Filters:** The aluminum mesh filters should be cleaned regularly (e.g., monthly, depending on cooking frequency) to prevent grease buildup. They can typically be washed by hand with warm, soapy water or placed in a dishwasher. Ensure they are completely dry before re-installing.
- **Replacing Carbon Sponge Filters:** For effective odor filtration in ductless mode, the carbon sponge filter (Part # CF-3976) should be replaced every 3-6 months, depending on your cooking habits and kitchen conditions. Accumulated grease and odors will reduce its effectiveness.

# 2-watts energy saving LED light

Located in front, giving cooking space extra lighting(NOT as a night light).



Figure 7.2: 3-Layer Aluminum Mesh Filter with Carbon Sponge. This diagram details the filter's construction and its role in air purification.

## 8. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Fan does not operate	No power supply; Fan switch is OFF; Motor malfunction.	Check power connection and circuit breaker; Turn fan switch ON; Contact customer support for motor issues.
Light does not work	No power supply; Light switch is OFF; LED bulb failure.	Check power connection; Turn light switch ON; Contact customer support for LED replacement.

Poor suction performance	Grease filters are clogged; Carbon filter needs replacement (ductless mode); Obstruction in ductwork (ducted mode); Incorrect installation height.	Clean or replace grease filters; Replace carbon filter (CF-3976); Check ductwork for blockages; Ensure proper installation height above cooktop.
Excessive noise	Loose parts; Fan blades obstructed; Improper installation; Motor issue.	Check for and tighten any loose screws; Clear any obstructions from fan blades; Re-check installation; Contact customer support.

## 9. WARRANTY AND CUSTOMER SUPPORT

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For warranty information or technical assistance, please refer to the warranty card included with your product or contact SNDOAS customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

### **SNDOAS Customer Service:**

[Visit the SNDOAS Store on Amazon](#)

Refer to the contact information provided in your warranty documentation.