

[Manuals.plus](#) /

› [CROWN](#) /

› CROWN 30" 800 CFM Powerful Stainless Steel Under Cabinet Range Hood - Ultra Quiet Design with Adjustable Speed Control - Stylish & Efficient Kitchen Ventilation Solution | PRO-BF04 User Manual

CROWN PRO-BF04

CROWN 30" Under Cabinet Range Hood

Model: PRO-BF04

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and operation to prevent injury or damage to the appliance. Keep this manual for future reference.

- Always disconnect power before servicing or cleaning the unit.
- Ensure proper grounding to reduce the risk of electric shock.
- Do not operate the range hood with damaged cord or plug.
- Install the range hood according to the specified clearances from the cooking surface.
- Clean grease filters regularly to prevent grease fires.

2. WHAT'S IN THE BOX

Upon unpacking, verify that all components are present and undamaged:

- CROWN 30" Under Cabinet Range Hood Unit
- Oil Collector
- Manual (this document)
- Vent Converter



Image: Top view of the CROWN range hood, illustrating the primary vent opening and mounting points.

3. SETUP AND INSTALLATION

The CROWN PRO-BF04 range hood is designed for under-cabinet mounting and offers versatile venting options.

3.1 Dimensions and Clearance

Ensure adequate space for installation. The product dimensions are approximately 20.08"D x 27.72"W x 5.51"H.



Image: Detailed dimensional diagram of the range hood, including top, back, and side views, and available vent adapters.

3.2 Venting Options

This model supports multiple venting configurations:

- **Top Vent:** Available with a 6" round outlet or a 10" x 3 1/4" rectangular outlet.
- **Rear Vent:** A 10" x 3 1/4" rectangular outlet is also available.

Select the appropriate vent converter and ductwork for your kitchen setup. Ensure all duct connections are sealed properly to maximize efficiency.

3.3 Electrical Connection

The unit operates on 120 Volts / 60Hz. It is designed for simple plug-in operation, eliminating the need for complex hardwiring. Ensure the power outlet is easily accessible and properly grounded.

4. OPERATING INSTRUCTIONS

The CROWN range hood is equipped with user-friendly controls for efficient kitchen ventilation.



Image: Front view of the CROWN range hood, highlighting the control panel and integrated LED lighting.

4.1 Power and Speed Control

The range hood features three-level speed control push buttons. Press the desired button to select the fan speed:

- **Low Speed:** For light cooking and simmering.
- **Medium Speed:** For general cooking and moderate smoke.
- **High Speed:** For heavy cooking, frying, and strong odors.

The maximum exhaust airflow is 800 CFM, ensuring powerful ventilation. The noise level ranges from 1.5 to 4.5 sones depending on the selected speed.

4.2 LED Lighting

The unit includes two 20W LED light bulbs to illuminate your cooktop. Press the light button on the control panel to turn the lights on or off.

Easy-remove Baffle Filter

Dishwasher Safe



Easy to Hand Wash

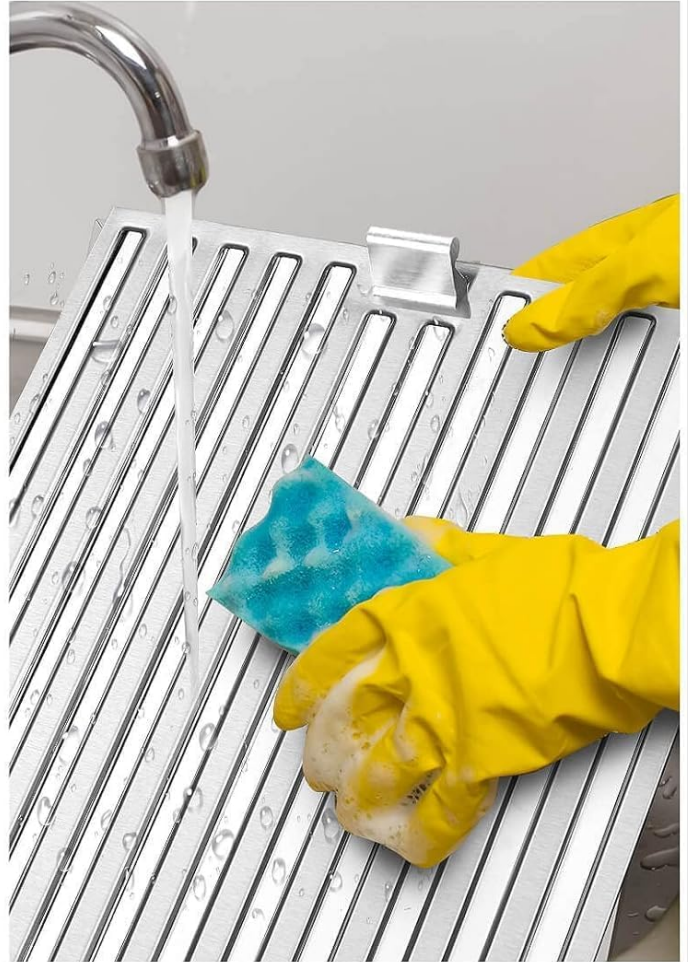


Image: Underside view of the range hood, revealing the dual fan motors responsible for powerful suction.

5. MAINTENANCE AND CLEANING

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

5.1 Cleaning Baffle Filters

The stainless steel baffle filters are designed for easy removal and cleaning. They are dishwasher-safe for convenient maintenance.

- To remove: Locate the latches on the filters, push them in, and pull the filter down.
- Cleaning: Place filters in the dishwasher or wash by hand with warm, soapy water. Rinse thoroughly and allow to dry completely before reinstalling.
- Reinstallation: Align the filter with the slots and push it up until the latches click into place.

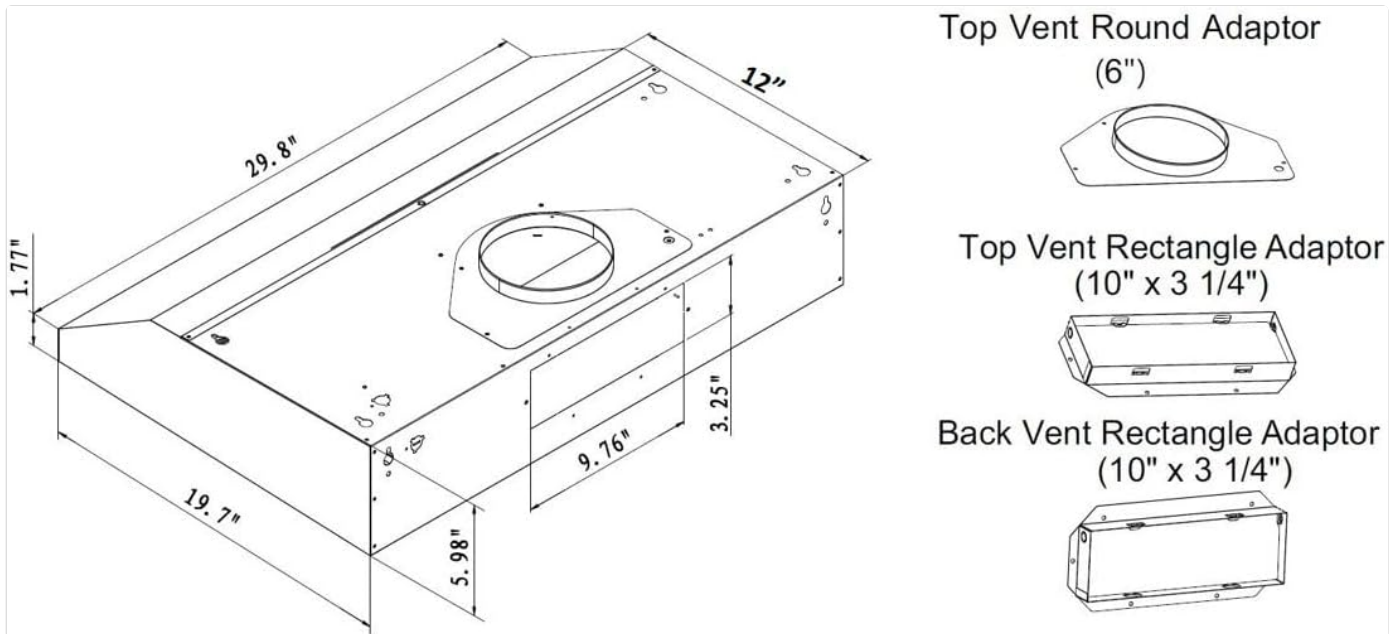


Image: Demonstration of cleaning the baffle filters, showing both dishwasher and hand-washing methods.

5.2 Cleaning the Oil Collection Tray

The fan blades are coated with Teflon to help separate grease, which is then deposited into a removable grease collection tray. This tray should be emptied and cleaned regularly.

- To remove: Gently slide out the oil collection tray located at the rear of the filter area.
- Cleaning: Wash the tray with warm, soapy water. Rinse and dry thoroughly.
- Reinstallation: Slide the tray back into its designated slot until secure.



Image: Illustration of the long stainless steel oil tray and washable baffle filters, highlighting their easy-to-clean design.

5.3 Exterior Cleaning

Wipe the exterior stainless steel surfaces with a soft cloth and a non-abrasive stainless steel cleaner. Avoid using harsh chemicals or abrasive pads that could scratch the finish.

6. TROUBLESHOOTING

If you encounter issues with your range hood, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Range hood does not turn on	No power supply; Loose connection; Control panel issue	Check if the unit is plugged in; Verify circuit breaker; Ensure all connections are secure; Contact customer support if issue persists.
Low suction power	Clogged grease filters; Restricted ductwork; Incorrect fan speed	Clean or replace grease filters; Check ductwork for obstructions or kinks; Select a higher fan speed.
Excessive noise	Loose components; Improper installation; Motor issue	Check for loose screws or parts; Ensure proper installation and secure mounting; Contact customer support if motor noise is unusual.
Lights not working	Burned out LED bulbs; Electrical connection issue	Check if LED bulbs need replacement (refer to specifications for type); Verify electrical connections to the lights.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Brand	CROWN
Model Number	PRO-BF04
Material	Stainless Steel
Finish Type	Brushed
Color	Stainless
Product Dimensions (D x W x H)	20.08" x 27.72" x 5.51"
Item Weight	32 Pounds
Air Flow Capacity	800 Cubic Feet Per Minute (CFM)
Noise Level	1.5 to 4.5 Sones
Mounting Type	Under Cabinet Mount
Controls Type	Push Button
Number of Speeds	3
Voltage	120 Volts
Light Source Type	LED (2 x 20W)
Filter Type	Baffle (Dishwasher Safe)

Feature	Specification
Ventilation Type	Exhaust
Included Components	Oil Collector, Manual, Vent Converter
Special Features	Grease Filter, Rust Proof, Noise Reduction, LED Lighting, Built-In Oil Collector
Manufacturer	AFG Corp

8. WARRANTY AND SUPPORT

CROWN stands behind the quality of its products. This range hood comes with a comprehensive warranty to ensure your peace of mind.

- **Motor Warranty:** 5-year limited warranty on the motor.
- **Parts Warranty:** 1-year limited warranty on all other parts.

For warranty claims, technical support, or any inquiries regarding your CROWN range hood, please contact the manufacturer or your point of purchase. Please have your model number (PRO-BF04) and purchase date available when contacting support.

© 2024 CROWN. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question