

## COSMO COS-668ICS750

# COSMO COS-668ICS750 30-inch Lumin Collection Island Range Hood Instruction Manual

Model: COS-668ICS750 | Brand: COSMO

## 1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your COSMO COS-668ICS750 30-inch Lumin Collection Island Range Hood. Please read these instructions thoroughly before installation and use, and retain them for future reference.

## 2. IMPORTANT SAFETY INFORMATION

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

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent back-drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted fans must always be vented to the outdoors.
- This unit is for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- To reduce the risk of fire, use only metal ductwork.
- This appliance is ETL Listed for Compliance with North American Safety Standards.

### **Proposition 65 Warning:**

This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### 3. PRODUCT FEATURES

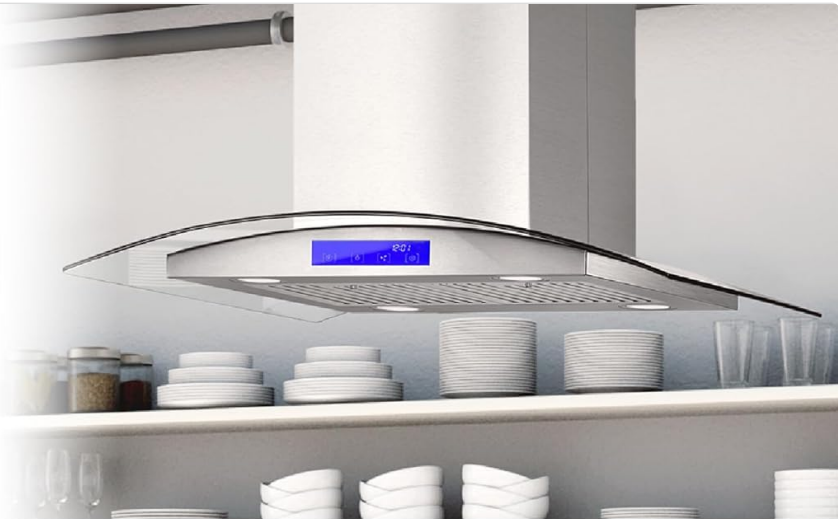
- **Efficient Airflow:** 380 CFM centrifugal motor effectively removes cooking odors and smoke. Designed for ducted ventilation to the outdoors. Can be converted to ductless operation with the purchase of Carbon Filter Kit Part # CFK1-TM (sold separately).
- **Quiet Operation:** Noise level as low as 45 dB on the lowest fan speed under optimal conditions with rigid ducting (sold separately).
- **Easy-to-Clean Filters:** Equipped with COSMO ARC-FLOW Permanent Filters made of durable stainless steel. These baffle filters are dishwasher-safe, eliminating the need for replacements and simplifying maintenance.
- **Soft Touch Controls:** Features a digital touch control panel for managing fan speed (3 speeds), lights, and power. Includes a digital clock and delayed auto-shut-off timer.
- **Energy-Efficient LED Lighting:** Part of the Lumin Collection, this range hood includes 4 x 2-watt LED lights, providing bright, high-lumen illumination for your cooktop.
- **Durable Construction:** Constructed from commercial-grade 430 stainless steel and tempered glass.

## COS-668ICS750

### COSMO

Stand out with an island range hood built with a sleek glass visor, adding a touch of modern elegance. Equipped with 3-fan speeds, LED lighting and a sleek stainless steel finish.

Cosmo Appliances, the new name in modern luxury kitchen appliances is fast becoming a leader in manufacturing premium products known for seamlessly integrating performance, technology and design to advance the kitchen beyond mere form and function.

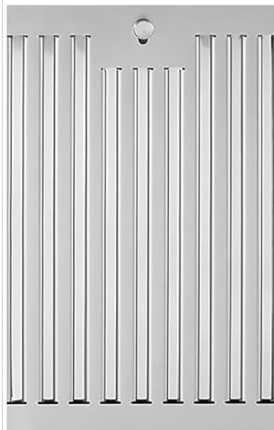


For a 30" Space  
Actual width: 29.2"

Convertible to Ductless  
Carbon Filter Kit # CFK1-TM (Sold Separately)

As low as 45 decibels

3-Prong plug



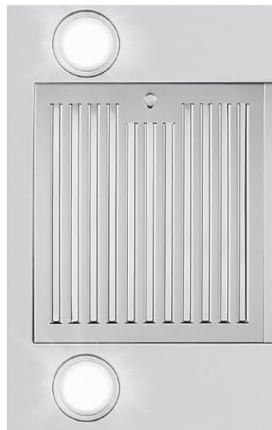
#### EFFICIENCY

ARC-FLOW® Permanent Filters are constructed of high quality stainless steel to effectively capture grease and cooking odors and keep the air fresh. Filters have unlimited uses and are dishwasher-safe.



#### DESIGN

Operate the range hood with soft touch controls. 3 fan speeds adjust to your needs, choose from high, medium and low suction to suit a variety of foods and cooking.



#### LIGHTING

With the included LED lights, you can rest assured this is an energy saving solution to lighting up your cooking area with style. Mounted directly below the range hood, cook and see better in the dark.



#### CONSTRUCTION

Constructed with premium 430-grade stainless steel, 20-gauge thickness. Backdraft damper included to prevent air coming back inside.

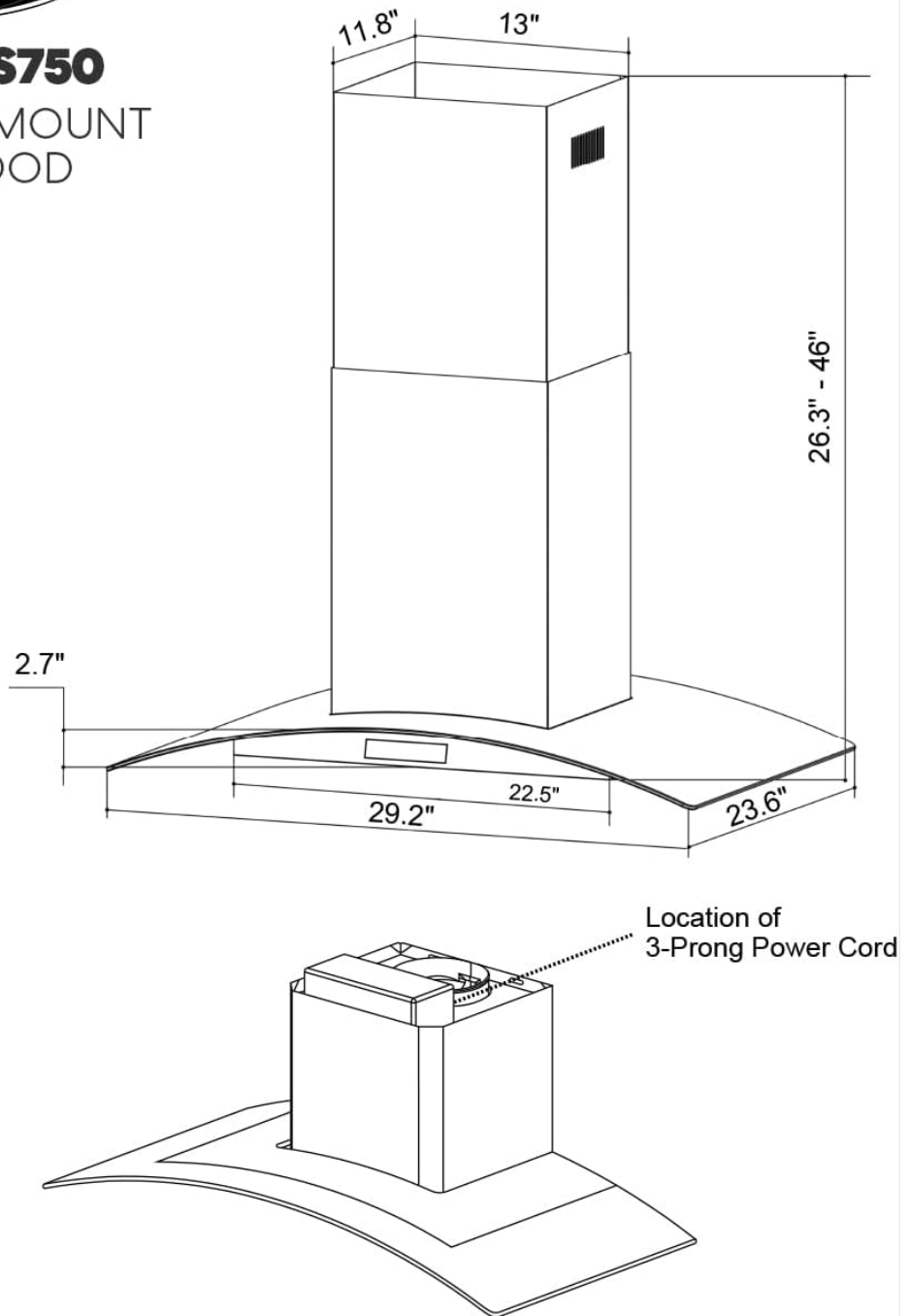
Image: Overview of the COSMO COS-668ICS750 range hood highlighting its key features like efficiency, design, lighting, and construction.

## 4. TECHNICAL SPECIFICATIONS

| Specification                  | Detail   |
|--------------------------------|--|
| Model Number                   | COS-668ICS750                                      |
| Brand                          | COSMO  |
| Mounting Type                  | Island Mount                                       |
| Air Flow Capacity              | 380 Cubic Feet Per Minute (CFM)                    |
| Noise Level                    | 45 Decibels (lowest speed)                         |
| Material                       | Stainless Steel, Tempered Glass                    |
| Product Dimensions (W x D x H) | 29.2 in. x 23.6 in. x Adjustable 26.3 in. - 46 in. |
| Electrical Requirements        | 120V/60Hz, 3-prong plug                            |
| Duct Size                      | 6 inches   |
| Number of Fan Speeds           | 3  |
| Light Source Type              | LED (4 x 2-watt)                                   |
| Filter Type                    | Baffle (ARC-FLOW Permanent Filters)                |
| Control Method                 | Digital Touch Controls                             |
| Annual Energy Consumption      | 72 Kilowatt Hours Per Year                         |
| Certifications                 | ETL Listed   |



**COS-668ICS750**  
**30 IN. ISLAND MOUNT**  
**RANGE HOOD**



**Dimensions (WxDxH): 29.2" x 23.6" x 30.75-47"**

Image: Technical drawing illustrating the dimensions of the COSMO COS-668ICS750 island range hood.

## 5. SETUP AND INSTALLATION

The COSMO COS-668ICS750 is designed for island mount installation and requires ducted ventilation to the outdoors. For optimal performance and safety, professional installation is recommended. If performing a DIY installation, ensure you have a thorough understanding of electrical wiring, ductwork, and ceiling structural requirements.

### 5.1 Pre-Installation Checklist:

- Verify ceiling structure can support the weight of the range hood.

- Ensure proper electrical supply (120V/60Hz, 3-prong outlet) is available at the installation site.
- Confirm ductwork (6-inch diameter) is in place or can be installed to vent outdoors.
- Gather necessary tools and safety equipment.

## 5.2 Installation Overview:

1. Mount the support bracket securely to the ceiling joists.
2. Attach the range hood body to the support bracket.
3. Connect the 6-inch ductwork to the exhaust outlet of the hood and route it to the exterior.
4. Connect the electrical wiring to the power supply.
5. Install the decorative chimney covers, adjusting height as needed.
6. Insert the ARC-FLOW permanent filters.

*Note: Detailed installation steps are provided in the full printed manual included with your product.*



Image: All components included with the COSMO COS-668ICS750 range hood, such as the main unit, chimney sections, mounting hardware, and ducting.

## 6. OPERATING INSTRUCTIONS

The COSMO COS-668ICS750 features intuitive soft touch controls for ease of use.

### 6.1 Control Panel Functions:

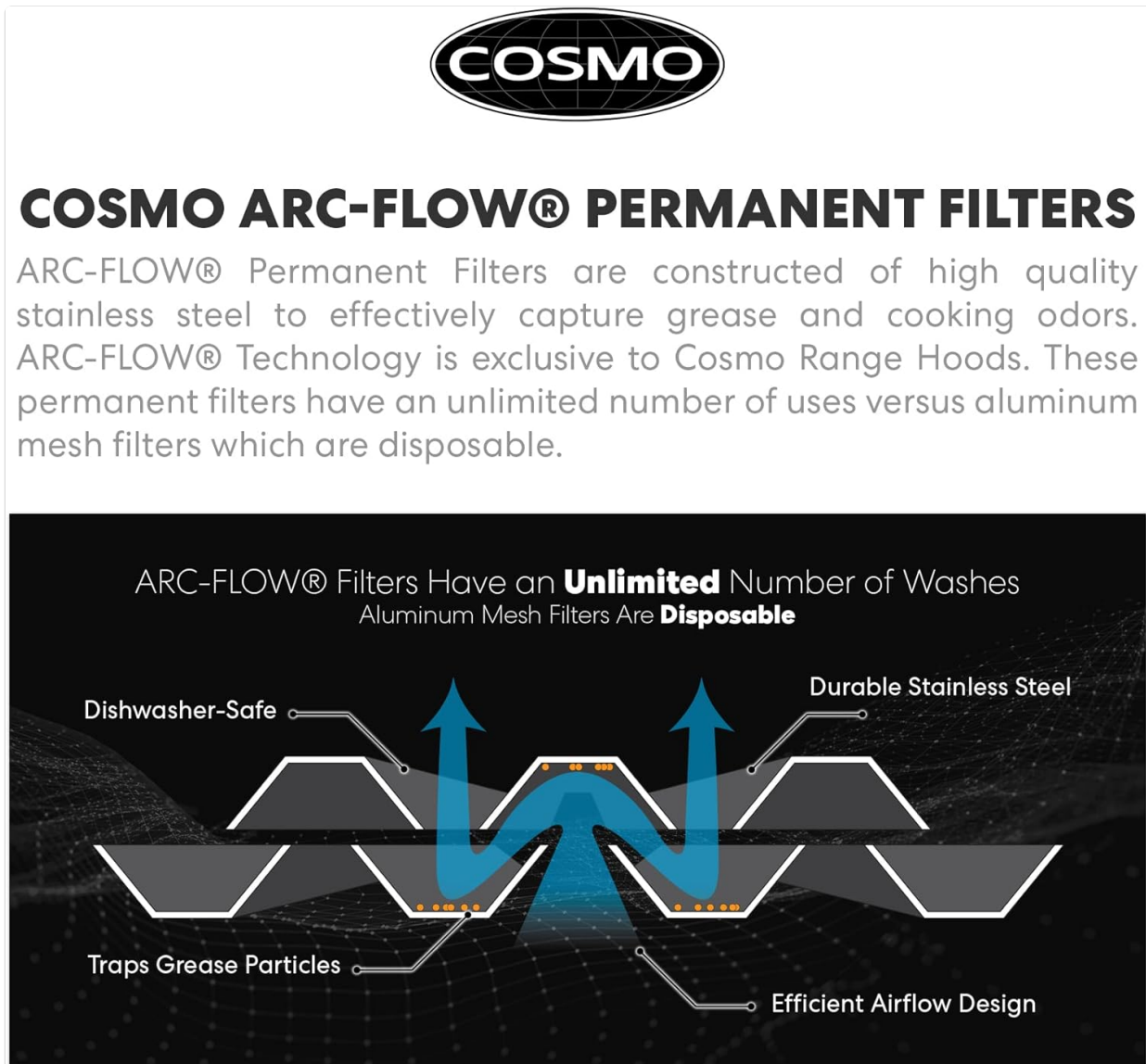


Image: Close-up of the digital soft touch control panel on the COSMO COS-668ICS750 range hood, showing buttons for power, fan speed, lights, and timer.

- **Power Button (Power Icon):** Press to turn the unit ON or OFF.
- **Fan Speed Control (+/- Icons):** Use the '+' and '-' buttons to adjust between 3 fan speeds. Higher speeds provide greater suction for heavy cooking.
- **Light Button (Light Bulb Icon):** Press to turn the LED lights ON or OFF.
- **Timer Button (Clock Icon):** Activates the delayed auto-shut-off timer. Press to set the desired duration for the fan to run before automatically turning off.
- **Digital Clock:** Displays the current time. Refer to the full manual for setting instructions.

### 6.2 Quick Start Guide Video:



Your browser does not support the video tag.

Video: An official quick start guide for the Cosmo Island Range Hood ICS Series, demonstrating basic operation and features.

## 7. MAINTENANCE

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

### 7.1 Cleaning ARC-FLOW Permanent Filters:

- The stainless steel baffle filters are dishwasher-safe.
- Remove filters by pulling the spring release handle and gently lowering the filter.
- Place filters in the dishwasher for cleaning or wash by hand with warm, soapy water.
- Ensure filters are completely dry before re-installing.
- Re-install filters by aligning them and pushing the spring release handle back into place.



Image: Diagram illustrating the airflow through the COSMO ARC-FLOW permanent filters, highlighting their grease-trapping and durable stainless steel design.

### 7.2 Exterior Cleaning:

- Clean the stainless steel surfaces regularly with a clean cloth and a non-abrasive stainless steel

cleaner.

- For tempered glass surfaces, use a glass cleaner and a soft cloth.
- Avoid using abrasive cleaners or scouring pads, as these can scratch the finish.

## 8. TROUBLESHOOTING

If you encounter issues with your range hood, refer to the following common troubleshooting steps:

| Problem               | Possible Cause  | Solution  |
|-----------------------|---|---|
| Fan does not operate  | No power supply; Motor malfunction                    | Check power connection and circuit breaker. Contact customer support if motor is faulty.                                    |
| Lights do not operate | Faulty LED bulb; Loose connection                     | Check bulb connections. Replace LED bulbs if necessary. Contact customer support for further assistance.                    |
| Insufficient suction  | Clogged filters; Improper ducting; Motor issue        | Clean or replace filters. Inspect ductwork for obstructions or leaks. Contact customer support if motor performance is low. |
| Excessive noise       | Loose parts; Improper installation; Damaged fan blade | Check for loose screws or components. Ensure proper installation. Contact customer support if noise persists.               |

For more detailed troubleshooting or issues not listed here, please refer to the complete user manual or contact COSMO customer support.


## 9. WARRANTY AND SUPPORT

Your COSMO COS-668ICS750 Island Range Hood comes with a **2-YEAR LIMITED PARTS WARRANTY**. For warranty claims, technical assistance, or general inquiries, please contact our customer support team. Our support team is based in the USA and is available to assist you.

### Contact Information:

Refer to the contact details provided in your product packaging or on the official COSMO website.

## Related Documents - COS-668ICS750

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|  <p><b>COSMO</b><br/>APPLIANCES<br/>INSPIRING THE WORLD'S KITCHEN</p> <p><b>WALL MOUNT RANGE HOOD</b></p> <p>COS-637TS COS-668ATSD COS-668BWC75<br/>COS-637PS COS-668A90D COS-668BWC90<br/>COS-637TS COS-668A375D COS-668BWC375<br/>COS-637PS COS-668A90D COS-668BWC390<br/>COS-632-4EWH</p> <p>WATCH QUICK START GUIDE<br/>FOR IMPORTANT SAFETY INFO</p> <p>INSTALLATION GUIDE &amp; USER MANUAL</p> | <p><a href="#">COSMO Wall Mount Range Hood Installation Guide &amp; User Manual</a></p> <p>Comprehensive installation guide and user manual for COSMO Wall Mount Range Hoods, covering safety instructions, parts lists, dimension diagrams, installation procedures, maintenance, troubleshooting, and warranty information for various models.</p> |
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|    | <p><a href="#">COS-QS75 Range Hood Troubleshooting Guide   COSMO</a></p> <p>Troubleshoot common issues with your COSMO COS-QS75 range hood, including motor noise, power problems, and airflow issues. Find solutions and maintenance tips.</p>  |
|    | <p><a href="#">Cosmo Island Range Hood User Manual: Installation, Use, and Care Guide</a></p> <p>This user manual provides comprehensive instructions for Cosmo Island Range Hoods, covering installation, operation, maintenance, safety guidelines, troubleshooting, and warranty information. It details vented and ductless conversion, filter maintenance, and control panel functions.</p>   |
|   | <p><a href="#">Cosmo Wall Mount Range Hood Installation Guide and User Manual</a></p> <p>Comprehensive installation guide and user manual for Cosmo Wall Mount Range Hoods, covering safety instructions, parts, installation steps, maintenance, troubleshooting, and warranty information for models like COS-63175 and COS-668A750.</p>   |
|  | <p><a href="#">Cosmo Wall Mount Range Hood Installation Guide &amp; User Manual</a></p> <p>Comprehensive installation guide and user manual for Cosmo Wall Mount Range Hoods, including safety instructions, parts lists, installation steps, maintenance, and troubleshooting for models like COS-63175, COS-668WRC75, and COS-6324EWH.</p>   |
|  | <p><a href="#">Cosmo Wall Mount Range Hood Installation Guide &amp; User Manual</a></p> <p>Comprehensive installation guide and user manual for Cosmo Wall Mount Range Hoods, covering safety instructions, parts diagrams, installation requirements, parts list, step-by-step installation, filter installation (baffle and charcoal), control operations, maintenance, troubleshooting, and warranty information. Includes models COS-631 series, COS-668A/WRC series, and COS-6324EWH.</p> |