PRESENZA

UNDER CABINET RANGE HOOD



INSTALLATION GUIDE AND USER MANUAL

Item # QR025 654OVSN016STS

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Safety Information

General Safety Information

- Use this unit only in the manner intended by the manufacturer.
 If you have any questions, contact the distributor, importer, or manufacturer.
- Please carefully read this guide before installing or using this product. Save this guide for the local electrical inspector's use.
- This range hood has a thermally protected system for the motor, which will shut down automatically if the motor is overheated. If the overheat protection trips, disconnect the power and wait for 10 minutes for the motor to cool down.

Installation Safety Information

- The installation instructions in this manual are intended for qualified installers, service technicians, and others with a technical or electrical background. Never attempt to install this appliance yourself.
- Your installation must comply with all applicable local codes and standards.
- This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current.
- 4. Sufficient air is needed for proper combustion and exhausting of gases through the duct cover to prevent back drafting. Follow manufacturer guidelines 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.
- Old duct work should be cleaned or replaced if necessary.Check and properly tape all joints on duct work to ensure proper connections.



DANGER: Turn off the power circuit breaker or the power switch on the junction box before installing or servicing this unit. Touching circuitry inside the range hood while it is energized will result in death or serious injury.



DANGER: All electrical wiring must be properly installed, insulated, and grounded. Improper insulation and grounding will result in deadly electrical shock.



DANGER: If installing this unit over a gas range, turn off the gas at the source before installing or serving this unit.



WARNING: Attempting to install or service this unit when you do not have the necessary technical or electrical background could result in personal injury.



WARNING: The unit has sharp edges. Always wear safety gloves during installation, cleaning, or servicing.



WARNING: Always leave safety grills and filters in place. Without these components, operating fans could catch on to hair, fingers, or loose clothing.



WARNING: Stay clear of the rotating fan when the motor is running.



WARNING: Keep this appliance clean and free of grease and residue build-up at all times to prevent fires.

Safety Information (continued)

- Ducted fans should always be vented to the outdoors. Never vent exhaust air into spaces within walls or ceilings, attics, crawl spaces, or garages.
- 7. When cutting or drilling into the wall or ceiling, do not damage electrical wiring or other hidden utilities.

Cooking Safety Information

- 1. Never leave the range hood unattended when in use.
- 2. Never cook over open flames under the range hood.
- 3. Always turn the range hood on when cooking at high heat or when cooking flaming foods.
- 4. If you choose to hang the range hood 457 mm-710 mm (18 in.-28 in.) from the cooktop surface, use extra caution as the surface of the range hood may be extremely hot to the touch.
- Use caution when cooking with oil or with deep-fryers.
 Overheating may cause oil to reach its flash point and ignite.
 Used oil will ignite at lower temperatures than fresh oil. Heat oils slowly on low to medium setting.
- Avoid boil overs, as they may cause smoking and greasy spillovers that could ignite.
- 7. To prevent burns or fires, always use cookware appropriate to the size of the heating element that you are using.
- 8. In event of a cooking fire, observe the following:
 - Be careful to avoid burns.
 - Smother flames with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. If the flames do not go out immediately, evacuate and call the fire department.
 - Never pick up a flaming pan.
 - Do not use water, including wet dishcloths or towels, as you could cause a steam explosion.
 - Use an extinguisher only if: (a) you have a class ABC extinguisher and you know how to operate it, (b) the fire is small and contained in the area where it started, (c) the fire department is being called, and (d) you can fight the fire with your back to the exit.

Cleaning Safety Information

- The fan and filters must be cleaned periodically and kept free from accumulation of cooking residue. Old and worn filters must be replaced immediately.
- Never disassemble parts to clean. Parts should be disassembled by qualified persons only.



WARNING: To reduce the risk of fire, use only metal duct work. Never use plastic duct work.



WARNING: To reduce the risk of fire or electric shock, do not use this range hood with any external solid state speed control device.



CAUTION: For general ventilation use only. Do not use the range hood fans to exhaust hazardous or explosive vapours.



CAUTION: Never dispose of cigarette ashes, ignitable substances, or any foreign objects in fans.



CAUTION: At least two people are needed to move and safely install the unit. Failure to properly lift the range hood could result in product damage or personal injury.

Warranty

ONE-YEAR MANUFACTURER DEFECT WARRANTY

This range hood is warranted to the original purchaser to be free of defects in material and workmanship for one (1) year from the date of purchase.

Our obligation shall be limited to the repair or replacement of a unit (at our discretion) that may prove, by our sole examination, to be defective under normal use and service during the warranty period. We may issue credit in the amount of the invoice value of the defective product (or a percentage of it according to use) in lieu of repair or replacement.

Any failure of this product that is not traceable to a defect in material or workmanship is not covered by this warranty. These non-warrantable items include, but are not limited to:

- Any defects or damage to light bulbs.
- Change in colour or finish due to chemical usage.
- Improper installation not in accordance with manufacturer's instructions.
- Dents, bumps, and scratches incurred during shipping, handling, or installation.
- Damage caused by failure to follow care and cleaning guidelines, including damage caused by the use of abrasive cleaners.
- Alterations made to the unit by the purchaser or installer.
- Damage caused by accidental impact, fire, flood, freezing, and normal wear.
- Bends and warping caused by forced connections, over-tightened fittings, and inadequate support during installation.

A thorough inspection must be made before installation and any damage must be promptly reported. We will not be liable for failures or damage that could have been discovered or avoided by proper inspection and testing prior to installation.

Incidental repairs that would involve a minimum of time and effort on behalf of the purchaser will not be considered warranty work and no compensation will be deemed forthcoming.

This warranty is non-transferable and shall be voided if the unit is removed from its initial installation or if it is not installed following the manufacturer's instructions.

Under no circumstance shall we be held liable for personal injury or property damage resulting from improper installation or use of this product. We will not be held liable for inconvenience caused by loss of use of this product, costs incurred for labour or materials, removal and installation of replacement units, or any other incidental or consequential damages. Costs relating to obtaining access for repair or replacement are the responsibility of the user.

This warranty does not extend to commercial and institutional installation or use.

WARRANTY CLAIM PROCEDURE

If a claimable defect occurs, please contact our customer service team at 1-877-333-0098 (Monday–Friday, 8:30 a.m.–5 p.m., EST).

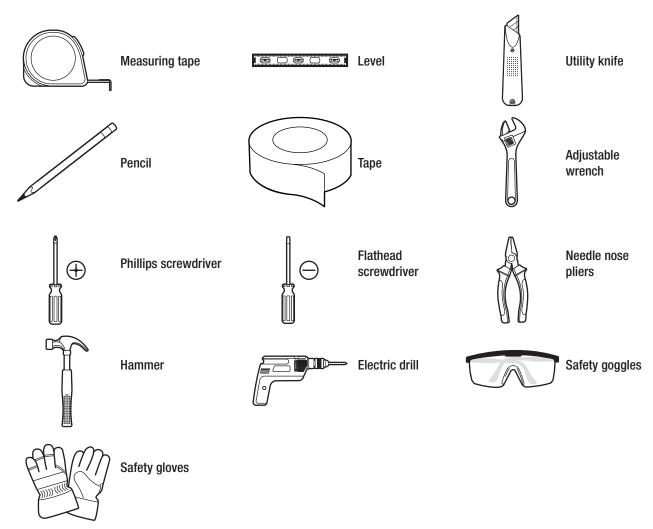
Before you make your claim call, please ensure that you have:

- Description of the range hood.
- Proof of sale.
- Details regarding the defect.
- □ Name(s) and address(es) of the owner and installer.

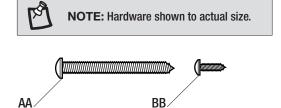
Claims must be filled out in writing and returned within six (6) months of the appearance of a defect. Failure to comply with this stipulation will make this warranty null and void. We reserve the right to a thirty-day (30) delay following the receipt of a claim in which to inspect the product. We assume no responsibility for labour costs, removing or replacing a previously installed product, transportation, or the return of a product.

Pre-Installation

TOOLS REQUIRED



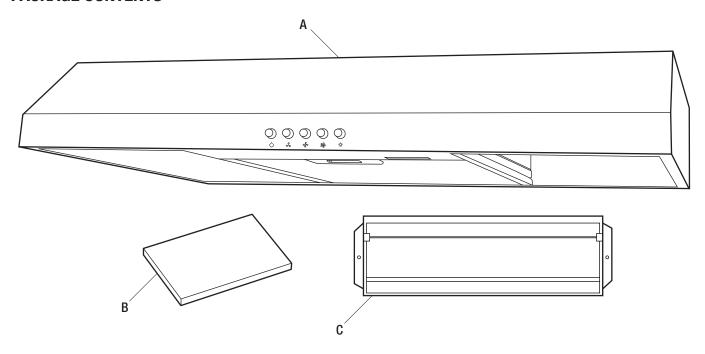
HARDWARE INCLUDED



Part	Description	Quantity
AA	Long tapping screw	4
BB	Short tapping screw	2

Pre-Installation (continued)

PACKAGE CONTENTS



Part	Description	Quantity
Α	Range hood	1
В	Charcoal filter (located inside the hood)	1
С	Damper (located inside the hood)	1

SPECIFICATIONS

Dimensions	Volts	Hertz	Fan CFM	Speeds	Light Bulb Wattage	Stainless Steel Grade
757 mm (29.8 in.) W				High		
458 mm (18 in.) D	120	60	300	Medium	35	430
127 mm (5 in.) H				Low		

Pre-Installation (continued)

PLANNING INSTALLATION

Number of people required: 2 or more

Carefully check the range hood for damage and for missing parts prior to installation. If there is any damage or if you are missing parts, do not proceed with the installation. Report damage and missing parts immediately. Do not dispose of packaging before you are satisfied with your new range hood.

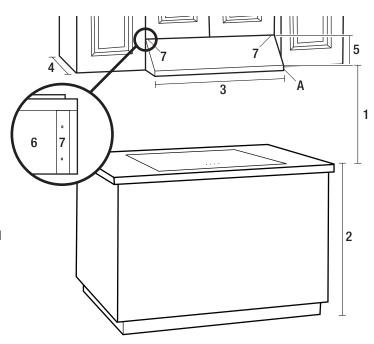
- Before installation, measure all distances to ensure the proper position of the range hood (A).
 - The distance (1) from the cooking surface to the range hood must be at least 457 mm (18 in.). For the best performance, do not install the range hood more than 762 mm (30 in.) above the cooking surface.
 - □ The distance (2) from the floor to the cooking surface should be approximately 914 mm (36 in.).
 - □ The size of the range hood installation location must be at least 757 mm (29.8 in.) wide (3), 458 mm (18 in.) deep (4) and 127 mm (5 in.) high (5) to accommodate the range hood.
- 2. If the bottom of the cabinet (6) above the location where the range hood is to be installed is recessed, attach appropriately sized wood filler strips (7) on each side using wood screws.
- Screws are provided to secure the range hood to most types of cabinets, but consult a qualified installer to verify that the supplied screws are suitable for your cabinets.
- 4. Put a thick, protective covering over your counter, cooktop, or range to protect it from damage and dirt during installation. Remove any hazardous objects around the area.
- If you decide not to use the charcoal filter provided for ductless installation, you must use a venting system that vents to the outdoors.
 - a. Determine if your existing venting system is top venting or back venting, and ensure that the openings in the cabinet or wall for the damper and for power access are in appropriate locations and are of appropriate sizes, as decribed below.
 - b. If this is a new installation, choose the venting method that suits your needs. Cut out openings for the damper and for power access in the cabinet bottom or exterior wall, depending on the direction of venting chosen.

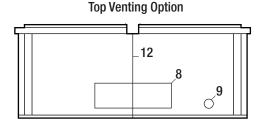
For top venting:

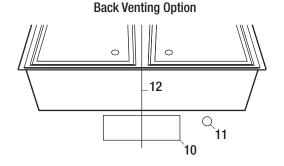
- Cut one square hole (8) with a width of 260 mm (10.24 in.) and a depth of 100 mm (3.937 in.) in the bottom of the cabinet. Center the hole on the center line (12) of the cabinet with its back edge 28 mm (1.102 in.) from the back wall.
- Cut one circular hole (9) of a diameter of 32 mm (1.26 in.).
 Center the hole 185 mm (7.28 in.) from the center line (12) of the cabinet and 39 mm (1.54 in.) from the back wall.



WARNING: Always wear safety goggles and gloves during installation.







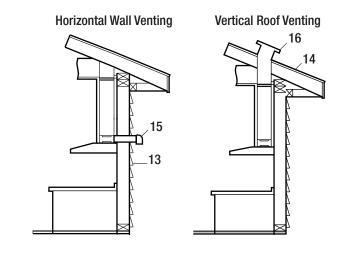
Pre-Installation (continued)

For back venting:

- Cut one square hole (10) with a width of 260 mm (10.24 in.) and a depth of 100 mm (3.94 in.) in the back wall. Center the hole on the center line (12) of the cabinet and place it 10 mm (0.37 in.) below the cabinet.
- Cut one circular hole (11) of a diameter of 32 mm (1.26 in.) in the back wall. Place its center 185 mm (7.28 in.) from the center line (12) of the cabinet and 20 mm (0.79 in.) from the bottom of the cabinet.

Follow these guidelines when installing duct work:

- Your venting system must vent to the outdoors either horizontally through the back wall (13) or vertically through the roof (14).
- □ Use round metal duct work with a uniform diameter of 150 mm (6 in.). The total duct run in the venting system should be at least 5.79 m (19 ft) and not more than 10.7 m (35 ft).
- Fasten all connections between pieces of duct with sheet metal screws and tape all joints with certified duct tape.
- If you must turn the path of the duct work using elbows, keep the number of elbows to a minimum for effective performance and use no more than three 90° elbows.
 Ensure that there is a minimum of 457 mm (18 in.) of straight vent between each elbow. Elbow as far away from the range hood's exhaust opening as possible.
- Cap the exterior of the duct with a wall cap (15) or roof cap (16). Never use 102 mm (4 in.) laundry-type wall caps.
 Use caulking to seal exterior wall or roof opening around the cap.
- □ The venting system must have a damper. If the roof or wall cap has a damper, do not use the damper (C) supplied with the range hood (A).
- Calculate the length of the duct work by adding the lengths in the table to the right for each piece of duct in the system.



Type of duct	Length added
45° Elbow	914 mm (36 in.)
90° Elbow	1.52 m (5 ft)
90° Flat elbow	3.66 m (12 ft)
2.74 m (9 ft) Straight duct	2.74 m (9 ft)

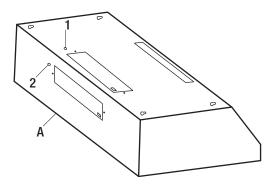
Installation

Removing the electrical knock-out hole



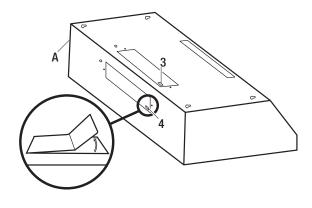
WARNING: Always wear safety goggles and gloves during installation.

- Choose the appropriate electrical knock-out hole to remove for your installation type. Use the top hole (1) for a top venting installation and the back hole (2) for a back venting installation.
- Use a hammer and a flathead screwdriver to gently punch out the electrical knock-out hole.



2 Removing the venting hole

- Choose the venting hole to remove for your installation type. Use the top hole (3) for a top venting installation and the back hole (4) for a back venting installation.
- Using a flathead screwdriver or needle nose pliers, remove the venting hole. Be very careful not to leave any broken pieces inside the range hood (A).



3 Testing the electrical connection



DANGER: Turn off the power circuit breaker or the power switch on the junction box before installing this unit. Touching circuitry inside the range hood while it is energized will result in death or serious injury.



DANGER: All electrical wiring must be properly installed, insulated, and grounded. Improper insulation and grounding will result in deadly electrical shock.



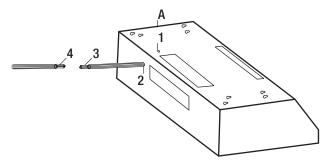
NOTICE: Temporarily wire the range hood to test it for proper operation. If the range hood does not operate correctly, do not proceed with the installation.

- Use the power supply cable to connect the range hood (A) directly to the junction box or circuit breaker box. Use a flexible, armoured, or nonmetallic sheathed copper cable only. Never use an extension cord or adapter plug.
- Connect a UL-listed or CSA-approved conduit connector to each end of the power supply cable (at the range hood and at the junction box).
- Connect the three colored wires (3) from the range hood (A) to the corresponding wires (4) from the electrical

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source: black to black (live), white to white (neutral), and green/yellow to green/yellow (ground). Use either the top hole (1) or the back hole (2) of the range hood depending on your installation type. Wire sizes must conform to the requirements of the National Electrical Code ANSI/NFPA 70 or the CSA Standards C22.1-94, Canadian Electrical Code Part 1 and C22.2 No. 0-M91, and all local codes and ordinances.

- Turn the power on, and ensure that all lights and fans are operating correctly.
- Once you have tested the electrical connection, disconnect the power supply cable and wires from the electrical source before proceeding with the rest of the installation.



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Installation (continued)

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Installing the damper

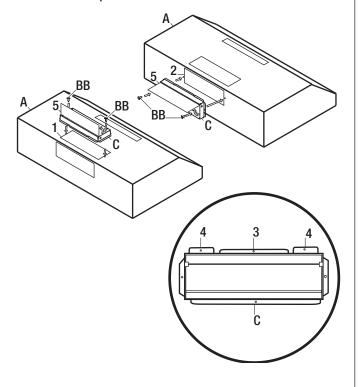


NOTICE: Only install the damper if you are using a venting system that does not already have a damper. If using the charcoal filter for ductless installation, or if your venting system already has a damper, skip this step.



NOTICE: If this hood replaces an existing unit, the location of the air exhaust can vary from one manufacturer to another. Ensure that the damper fits in the existing opening before installing.

- Choose to install the damper (C) either in the top position (1) for top venting or in the back position (2) for back venting.
- □ Insert the damper (C) into the chosen hole in the range hood (A), ensuring that the central flap (3) goes into the hole while the two side flaps (4) remain above it.
- □ Lift the lid (5) of the damper and screw the damper (C) to the range hood (A) with the two short tapping screws (BB).
- □ Seal the damper (C) to the range hood (A) on all four sides with duct tape.

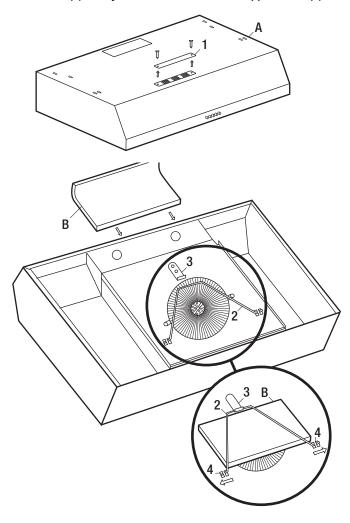


Installing the charcoal filter



NOTICE: The charcoal filter should only be installed if you are not using a venting system.

- Unscrew the two screws holding the cover (1) on the exhaust holes and remove the cover.
- Turn over the range hood (A) and place its top on a protective surface.
- □ Unhook the charcoal filter support (2) from the support hook (3) and pull the charcoal filter support up.
- Place the charcoal filter (B) under the charcoal filter support (2). Ensure that the filter is placed horizontally, or the charcoal filter support (2) will not close properly.
- Slide the charcoal filter support (2) to the left or right in its braces (4) until you can re-hook it on its support hook (3).



Installation (continued)

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Placing the range hood

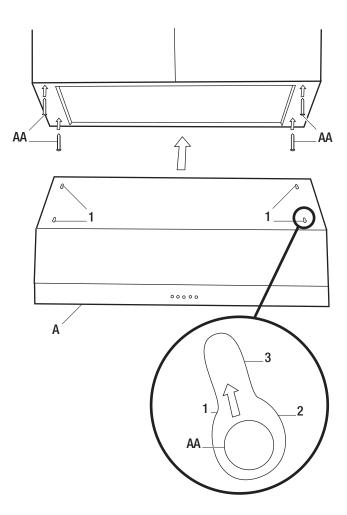


DANGER: Turn off the power circuit breaker or the power switch on the junction box before installing this unit. Touching circuitry inside the range hood while it is energized will result in death or serious injury.



DANGER: If installing this unit over a gas range, turn off the gas at the source before installing or serving this unit.

- Lift the range hood (A) up under the cabinet to determine its final position. Mark the location of the four keyhole mounting slots (1) on the underside of the cabinet.
- □ Set the range hood (A) aside on a protective surface.
- Drill four pilot holes in the locations that you marked.
- Screw the four long tapping screws (AA) into the pilot holes. Do not tighten the screws all the way – leave the screw heads about 7 mm (0.28 in.) from the cabinet surface.
- Lift the range hood (A) into position, feeding the power cable and the electrical wires through the power access opening. Allow some slack in the cable and wires so that the appliance can be moved if servicing is ever necessary.
- Position the range hood (A) so the large end (2) of the keyhole mounting slots (1) are over the screws (AA). Then push the range hood (A) toward the wall so the screws (AA) are in the neck (3) of the keyhole slots. Tighten the screws (AA). Ensure that the range hood (A) is securely fastened to the cabinet before releasing it.
- If applicable, test the damper blade to ensure it rotates up and down freely.
- If applicable, connect the vent work to the range hood (A).
 Seal the joints with duct tape to ensure an airtight fit.
- Reconnect the power supply cable and wires to the electrical supply. Turn the power on and ensure that all lights and fans are operating correctly.



Operation

1 Turning on the range hood

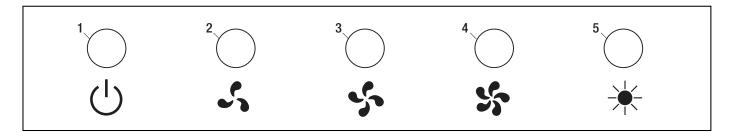
- □ To turn on the fan, press the appropriate speed control switch [Low Speed (2), Medium Speed (3), High Speed(4)] to select the desired level of power. Once a button is pressed, the previous speed mode will be canceled.
- □ Press the light switch (5) to turn on the lights.

2 Turning off the range hood



NOTICE: The fan and lights operate independently of each other.

- \Box Press the power switch (1) to turn off the fan.
- □ Press the light switch (5) to turn off the lights.



Maintenance

FILTERS

When filters wear out, replace them with similar aluminum or charcoal filters that have stainless steel clips. Also replace filters damaged with punctures, bends, or broken frames.

- □ Turn off the range hood and disconnect the power.
- Remove the aluminum filter by pulling the handles or the charcoal filter by unhooking the charcoal filter support and sliding it out.
- Replace with an equivalent filter, then reconnect the power.

A

DANGER: Turn off the power circuit breaker or the power switch on the junction box before performing maintenance. Touching circuitry inside the range hood while it is energized will result in death or serious injury.



WARNING: Failure to replace worn out or damaged filters will increase the risk of fire.



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WARNING: Light bulbs can become extremely hot when turned on. Do not touch bulbs until they are switched off and cooled. Touching hot bulbs could cause serious burns.

LIGHT BULBS

When light bulbs burn out, replace them with a 25W or 35W /JDR 16, GU10 twist and lock base light bulb.

- Turn off the range hood, disconnect it from its power source, and ensure that the lights are cool.
- □ Turn the bulb counter-clockwise and pull it out to remove it.
- Push in the new bulb and turn it clockwise. Do not release the bulb until you are sure the bulb has been securely installed. Then reconnect the power.
- If new bulbs do not operate, ensure that they are inserted correctly.

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Care and Cleaning



WARNING: Failure to maintain basic standards of care and cleaning of the range hood will increase the risk of fire.

RANGE HOOD

The range hood should be cleaned regularly internally and externally to preserve its appearance and performance.

Do:

- Clean the range hood periodically with hot, soapy water and a clean cotton cloth.
- Always clean in the direction of original polish lines.
- Always rinse well with clean water two or three times after cleaning. Wipe completely dry with a soft non-abrasive cloth.
- After cleaning, you may polish with a non-abrasive stainless steel polish or cleaner. Always rub lightly and with the grain.
- Ensure that the venting system is free of debris, if you have one.

Do Not:

- Do not use corrosive or abrasive detergents, steel wool, or scouring pads. These will scratch and damage the stainless steel surface.
- Do not use corrosive or abrasive detergents, or any products containing chloride, fluoride, iodide, or bromide on this product, as they will deteriorate the surface rapidly.
- Do not allow cleaning compounds, salt solutions, disinfectants, or bleaches to remain in contact with the product for extended periods of time.
- Do not allow deposits to remain for long periods of time on the range hood. Rinse with water immediately and wipe dry with a clean cloth.
- Do not leave the range hood dirty for long periods of time or allow dirt to accumulate.
- Do not let plaster dust or any other construction residue enter the hood. During construction or renovation, cover the hood.
- Combustible products used for cleaning such as acetone, alcohol, ether, or benzol are highly explosive and should never be used close to a range or stove.

Care and Cleaning (continued)

FILTERS

The filters fitted by the factory are intended to filter out residue and grease from cooking. You do not need to replace them on a regular basis, but you should keep them clean.

Do:

- Clean the filters once a month using non-abrasive detergents, either by hand or in the dishwasher.
 When using a dishwasher, set the dishwasher to a low temperature and a short cycle setting.
 The grease filter may become discoloured in a dishwasher, but this does not affect its performance.
- Dry filters before re-installing them in the range hood.

Do Not:

 Do not allow oil to accumulate over more than 80% of the filter surface. Oil accumulations may drop oil onto the range.

Troubleshooting



DANGER: Turn off the power circuit breaker or the power switch on the junction box before performing maintenance. Touching circuitry inside the range hood while it is energized will result in death or serious injury.

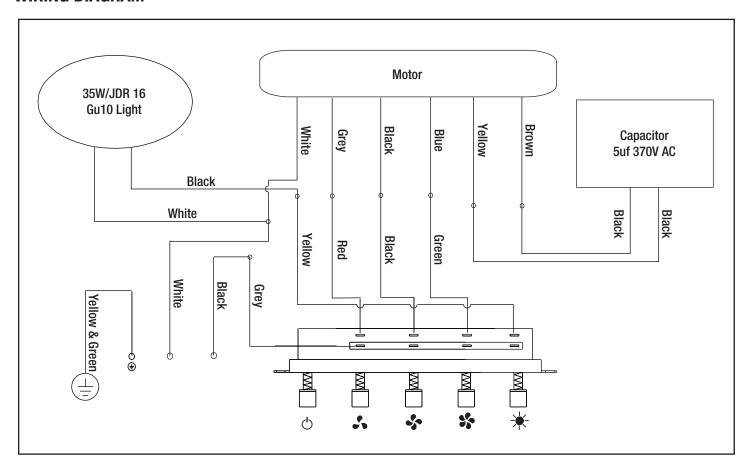
Problem	Solution
The range hood will not operate.	 Check that the power supply cable and all electrical wiring are properly connected.
	 Check that the power is turned on at the junction box or circuit breaker.
	 Check that the wiring between the switch board and the control board are connected properly.
The range hood vibrates when the fan is operating.	 Check that the range hood has been secured properly to the wall or cabinet. Tighten into position, if necessary.
	 Check that the motor is secured in place. If not, then tighten the motor in place.
	□ Check that the fan is not damaged. If so, replace the fan.
The fans seem weak.	 Check that the duct size used is at least 152 mm (6 in.). The range hood will not function efficiently with insufficient duct size.
	 Check that the duct is not clogged with debris and the tight mesh on the wall cap, if applicable, isn't restricting air flow.
	□ Check that the damper unit is opening properly, if applicable.
	□ Check that no birds or animals have nested in the duct.

Troubleshooting (continued)

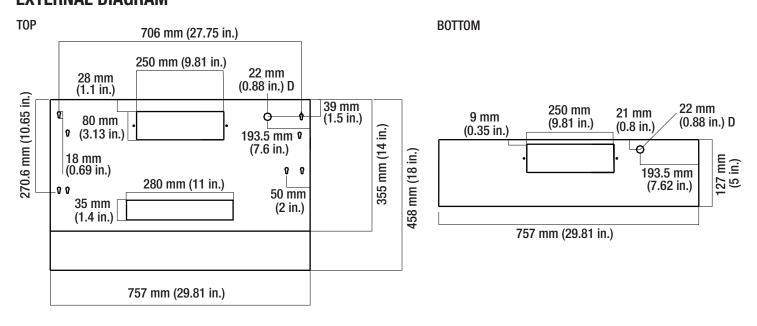
The lights work, but the fan is not spinning, is stuck, or is rattling.	The thermal protection system detects if the motor is to operate and shuts the motor down. In this case, the will function properly after the thermal protection sys down (after approximately 10 min.).	motor
	Check that the fan isn't jammed or scraping the botto	m.
	If nothing else works, the motor may be defective or s so, replace the motor.	seized. If
The range hood is not venting properly.	Check that the distance between the cooktop and the the range hood is between 457 mm (18 in.) and 762 n	
	Check that duct work follows all requirements. Use roduct work with a uniform diameter of 150 mm (6 in.). of duct work must not exceed 10.7 m (35 ft). Reduce of duct work and the number of elbows if necessary, all joints are properly connected, sealed, and taped.	The length the length
	Check that the duct does not open against the wind.	
	Ensure that the power is on high speed for heavy cool	king.
	Wind from opened windows or doors may affect the performance of the range hood. Close all windows an to eliminate outside air flow.	
	Check that no birds or animals have nested in the duc	il.
A light does not work.	Check the light bulb to see if it is loose. If so, tighten.	
	Remove the problem bulb and insert one you know is If the properly functioning light does not come on, the may be the light assembly. Have the light assembly so replaced.	problem

Troubleshooting (continued)

WIRING DIAGRAM



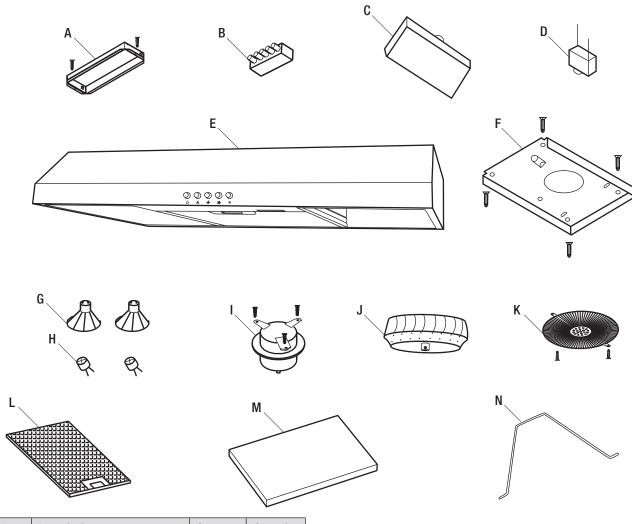
EXTERNAL DIAGRAM



Service Parts

UNDER CABINET RANGE HOOD

If you are missing parts or if you require replacement parts, please call our customer service team at 1-877-333-0098 (Monday–Friday, 8:30 a.m.–5 p.m., EST). Identify the required part(s) and have the part description(s) ready.



Part	Description	Code	Quantity
Α	Damper	QH0184	1
В	Control switch	QH0185	1
С	Wiring box	QH0186	1
D	Capacitor	QH0187	1
E	Hood body	QH0188	1
F	Bottom panel	QH0189	1
G	Light	QH0190	2
Н	Light base	QH0191	2
I	Motor	QH0192	1
J	Fan	QH0193	1



Part	Description	Code	Quantity
K	Fan guard	QH0194	1
L	Aluminum filter	QH0195	1
M	Charcoal filter	QH0196	1
N	Charcoal filter support	QH0197	1
AA	Long tapping screw	QH0198	4
BB	Short tapping screw	QH0199	2





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