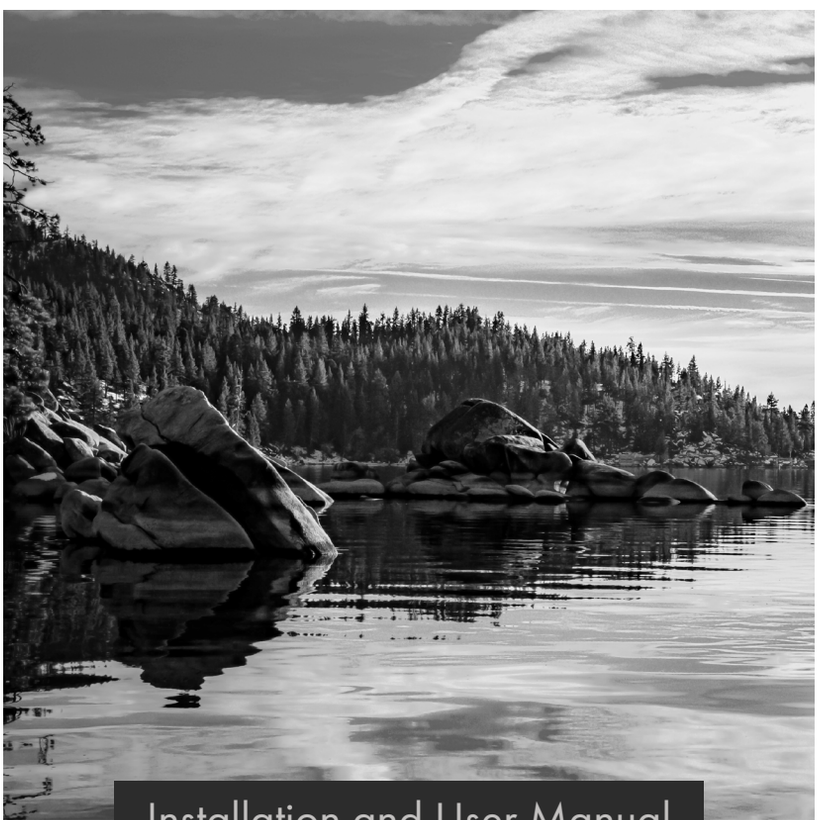
ZLINE

ATTAINABLE **LUXURY®**



Installation and User Manual

RANGE HOODS
615 & 617 MODELS

zlinekitchen.com



ZLINE Kitchen and Bath provides Attainable Luxury, where the kitchen and bath of your dreams is never out of reach. Through our unique designs and unparalleled quality, we're dedicated to providing you an elevated experience in the heart of your home. With an endless selection of features and finishes, our inspiration is your reality.

ZLINE
ATTAINABLE **LUXURY**®



ZLINE is fueled by a passion for innovation—a relentless pursuit of bringing the highest end luxury designs and professional features into everyone's homes.

Because we continually strive to improve our products, we may change specifications and designs without prior notice.

Scan the QR code to view the most up-to-date version of the Installation Manual and User Manual.

⚠ WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

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IMPORTANT SAFETY INSTRUCTIONS

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury, or death.

WARNING: NOT SUITABLE FOR USE WITH SOLID-STATE SPEED CONTROLS

AVERTISSEMENT : NE CONVIENT PAS À DES RÉGULATEURS DE VITESSE À SEMI-CONDUCTEURS

- Before beginning installation, please read and follow these important instructions for the safety of your home and the people living in it.
- The instructions in this manual are intended for qualified installers and certified service technicians. Installation and electrical wiring must be completed by qualified professionals and in accordance with applicable codes and standards.
- DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.
- The installer should leave these instructions with the consumer who should retain for local inspectors' use and for future reference.
- Due to the size and weight of ZLINE range hoods, two-person installation is highly recommended.
- Use care when handling the range hood, chimney cover, baffle filters, and any parts or accessories, as sharp edges may lead to injury. Use of gloves during installation is highly recommended.
- The manufacturer will not be responsible for any damage to property or to persons caused by incorrect installation, improper use of the appliance, or failure to heed the warnings listed.
- The manufacturer reserves the right to make changes to its products when considered necessary and useful, without affecting the essential safety and operating characteristics.
- This appliance is designed for general ventilating use only. DO NOT use to exhaust hazardous or explosive materials and vapors.

IMPORTANT SAFETY INSTRUCTIONS

- The combustion air flow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow heating equipment guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code and government authorities.
- Sufficient air is needed for proper combustion and exhausting of gases through the ducting installed with range hoods to prevent back drafting.
- Before servicing or cleaning the unit, fully disconnect the hood from power to avoid risk of electric shock and injury.
- Ducted range hoods MUST ALWAYS be vented to the outdoors or in some instances converted to recirculate the air.
- Please consult an HVAC or installation professional for advice to comply with local regulations and ensure appropriate ventilation.
- When cutting or drilling into a wall or ceiling, be careful not to damage electrical wiring or other hidden utilities.
- All electrical wiring must be properly installed, insulated, and grounded. A 120 VAC, 60 Hz, AC-only fused electrical supply is required on a separate 15-amp circuit, fused on both sides of the line.
- Electrical installation must be in accordance with the National Electrical Code ANSI/ NPA70-latest edition and/or local codes.
- Old duct work should be cleaned or replaced, if necessary, to avoid the possibility of a grease fire or other hazard. Check all joints on duct work to ensure proper connection; all joints should be properly taped/secured.
- When a range hood ventilates air out of the room, the vented air must be replaced; this is called makeup air. If a makeup air system is needed, but not used, a hood may not function as expected due to negative air pressure.
- ZLINE does not currently provide makeup air units. Always consult applicable building codes regarding minimum and maximum air flow rates. Certain states may require additional items such as makeup air for larger CFM range hoods.
- Keep the motor, fans, baffle channels, filters, tunnels, cups, and grease-laden surfaces clean. Grease should not be allowed to accumulate inside or on the surface of the range hood; clean surfaces frequently.
- Take care when cleaning the range hood in spray form: never direct spray of water or cleaners onto the electrical wiring, motor, button panel, or light bulbs.

IMPORTANT SAFETY INSTRUCTIONS

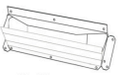
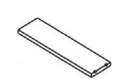
- After installation, use a stainless steel cleaning product or wipe to eliminate any residues from protective film after removal.
- When cleaning stainless steel, only use a stainless steel cleaner product with a soft sponge, or use a cloth with a warm soap and water solution. Never use abrasive powders or liquids.
- To reduce the risk of fire and to disperse air properly, make sure to vent air outside. DO NOT vent exhaust into spaces between walls, crawl spaces, ceilings, attics, basements, or garages.
- All ZLINE range hoods are ETL-listed, ensuring all parts were tested for safety and meet industry standards and regulations.
- You must purchase appropriate flexible ducting and any additional items to vent the hood in accordance with government codes.
- Please verify with local and state regulations on the proper venting method for your hood. Many agencies have CFM rating specifications for your hood.
- Always turn the range hood on when cooking at high heat or when cooking flaming foods. Use high settings on the cooking range below only when necessary.
- Never leave range top surface units underneath a range hood unattended at high settings. Boilovers can cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- Always use appropriate cookware and utensils; always use cookware appropriate for the size of the surface element on your range top underneath a range hood.
- To reduce the risk of injury in the event of a range top grease fire, smother flames with a close fitting lid, cookie sheet, or metal tray, then turn off the burner. Never pick up a flaming pan — you may be severely burned.
- Keep flammable or combustible material away from flames. If flames do not go out immediately, evacuate and call the fire department. DO NOT use water, including wet dishcloths or towels — a violent steam explosion will result.
- Carefully inspect all items for damages upon delivery. Upon acceptance of the range hood, owner assumes responsibility for its safe arrival.
- Before installing your unit, test the range hood for proper functionality by plugging it into an appropriate outlet and testing the fan and lights. Do not install any appliance if they have missing or broken parts. If units arrive damaged, contact ZLINE Customer Service at 1-614-777-5004 for help.

BEFORE INSTALLATION

PARTS NEEDED

- Marker or pencil
- Utility knife
- Measuring tape
- Level
- Powered drill
- Flat head and Phillips screwdrivers

PARTS SUPPLIED

DESCRIPTION	IMAGE	QTY
Undercabinet Range Hood		1
Transition Piece		1
Baffle Filters		2
Baffle Filter Spacer		1
Cabinet Mounting Screws		4
Cabinet Mounting Washers		4
Transition Piece Screws		10

BEFORE INSTALLATION

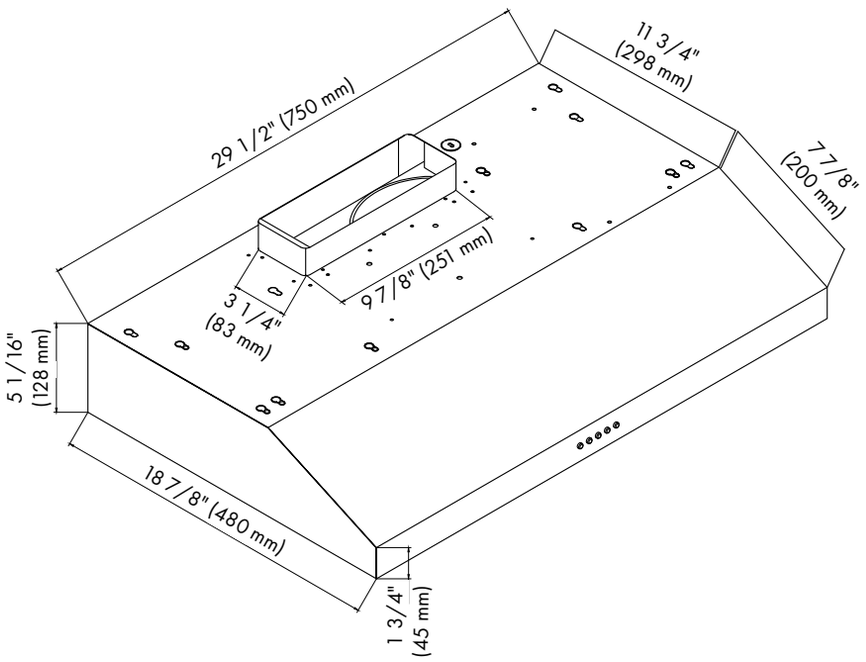
PRODUCT SPECIFICATIONS

Models	615 Series Models	617 Series Models
Size	30" (762 mm)	
Power Rating	120 V/60 Hz (USA & Canada standard)	
Dedicated Circuit	15 A	
General Input Power	140 W	300 W
Motor Input Power	70 W	140 W
Ampere	0.88 A	3 A
Levels Of Speed Control	3 Levels	
Max CFM	200 CFM	300 CFM
Number Of Motors	Single Motor	Dual Motor
Fan Type	Centrifugal Squirrel Cage	
Control Type	Push Button Control	
Filtration Type	Stainless Steel Baffle Filters	
Illumination	3 W, 12 V Maximum, Dual Intensity	
Venting Size	Top Transition Rectangular to 6" (152 mm) Round	
Interference Protection	Radio Frequency Interference Protection	

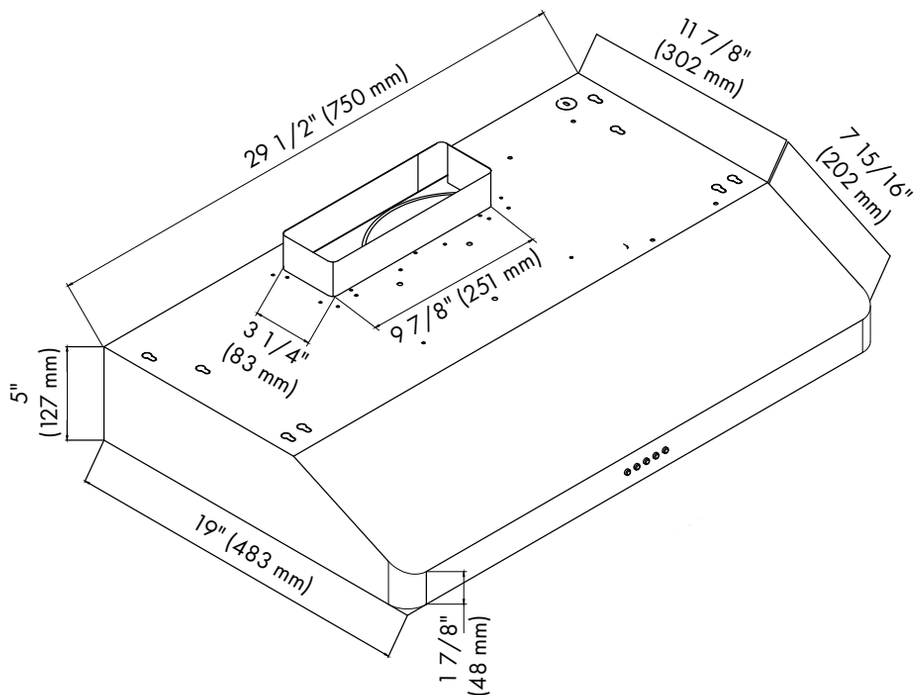
INSTALLATION

PRODUCT DIMENSIONS

615 Series

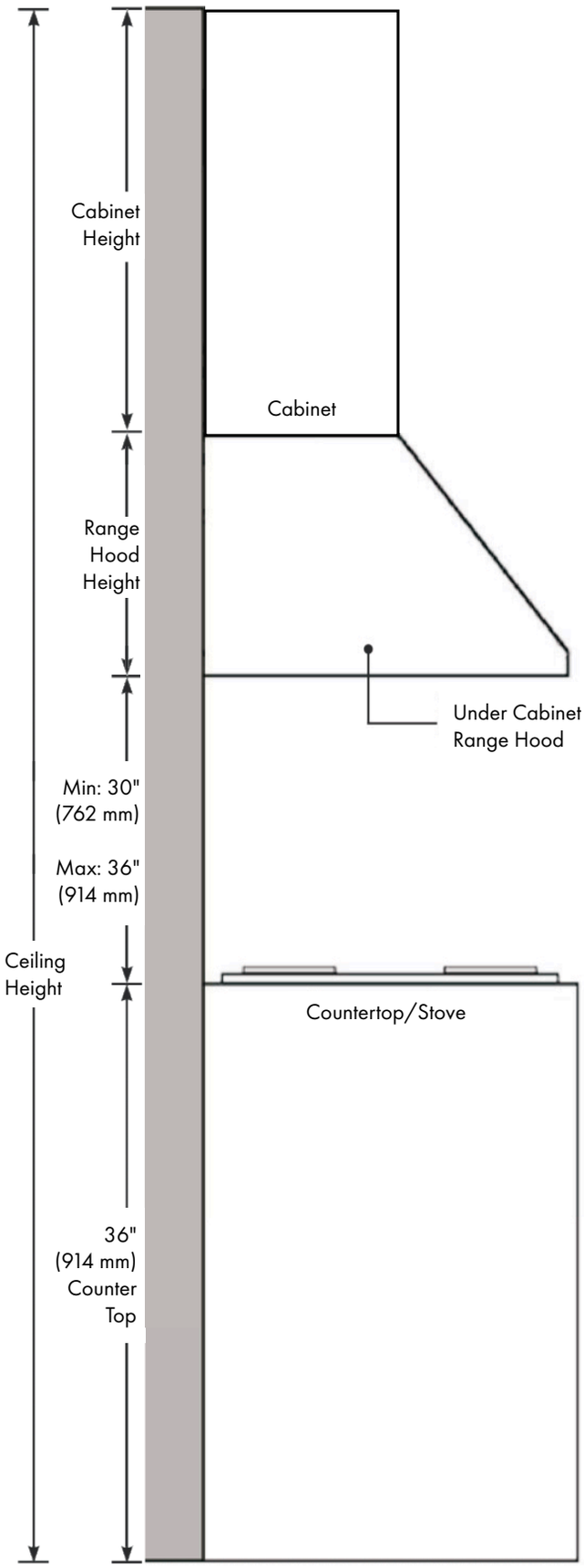


617 Series



INSTALLATION

VENTILATION AND CLEARANCES



NOTE: The recommended height to install your hood is 30" (762 mm) minimum and 36" (914 mm) maximum above your range top or cook top. These distances allow for optimal venting efficiency. Consult an HVAC or installation professional for ventilation advice.

INSTALLATION

VENTING REQUIREMENTS

- Determine the location of the venting pipe from the hood to the outside of your home before installation.
- Ducting is not provided with your ZLINE range hood. It's recommended to use solid ducting made of galvanized steel or another appropriate rigid metal ducting whenever possible for the lowest noise and highest flow.
- Use a maximum of 40' (12 m) of ductwork. Try to minimize the use of elbows.
- You must establish a minimum of 12" (305 mm) of vertical airflow from the top of the hood before executing any 90° turn. No more than 3 elbows are allowed; each 90° turn you make equates to 5' (1524 mm) lost when accounting for the maximum 40' (12 m).
- Do not use any reducers on ducting smaller than the appropriate diameter for your hood's transition piece.
- The size of the vent should be uniform or larger than the cooking surface below.
- Always keep the duct clean to ensure proper airflow.

FOR THE MOST EFFICIENT AND QUIET OPERATION

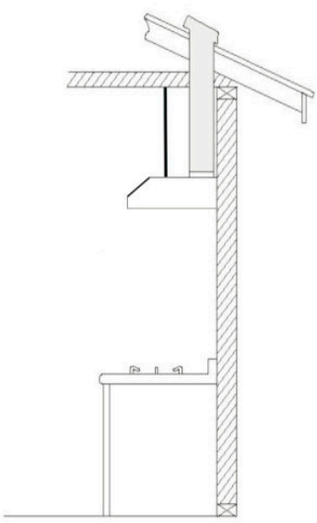
- It is recommended that the range hood be vented vertically through the roof with a minimum of a 6" (152 mm) or larger vent work.
- ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, you may increase duct size from 6" to 7" (152 mm to178 mm) or 8" (203 mm).
- Always consult an HVAC or installation professional to determine the best ducting option for your range hood, as each kitchen and home layout will vary.

INSTALLATION

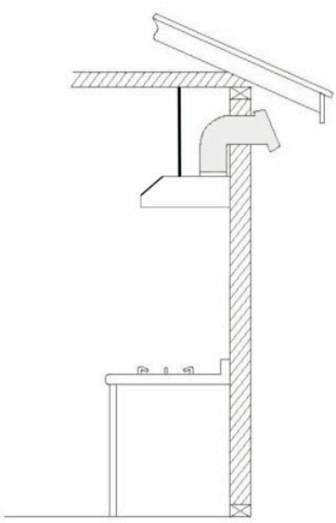
VENTING METHODS

This range hood is factory set for venting through the roof or wall. Vent work can terminate either through the roof or wall. If venting through the top of the hood and eventually through the wall, use a 90° elbow. You can also vent directly from the rear of the hood. Below are examples of appropriate ducting options.

Top Venting Roof Exhaust



Top Venting Wall Exhaust



IMPORTANT SAFETY ALERTS

- NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be ducted to the outside.
- Use metal/aluminum duct work only.
- Fasten all connections with sheet metal screws and tape all joints with certified silver tape.
- Use caulking to seal exterior wall or roof opening around the cap.
- DO NOT terminate the vent system in an attic or other enclosed area.
- DO NOT use 4" (102 mm) laundry-type wall caps.
- DO NOT use plastic ventilation.

INSTALLATION

- Prior to installation, determine the location of the ventilation ducting from the hood to the outside. Refer to "Venting Methods" on page 13. Additionally, use care to peel off the white plastic protective coat off the hood, if any.
- Mark the center line on the bottom of the cabinet where the range hood will be installed.
- Make sure there is proper clearance within the ceiling above the cabinet wall for ducting and appropriate exhaust vent.
- Due to the weight and size of this unit, it's recommended to use a second or third person to assist during installation.
- Place a thick, protective covering over the cook top or range below to protect from damage or dirt. Remove any hazardous objects around the area when installing.



If moving an electric cooktop or induction range below the hood is necessary to install, unplug the unit and turn off power at the circuit board. If moving a gas-powered range, additionally make sure to completely shut off the gas supply.

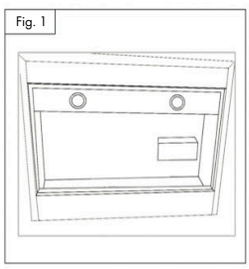


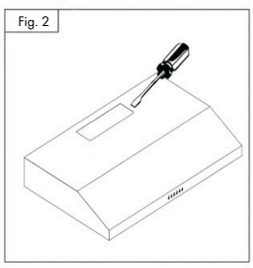
Use care to ensure the hood is secure to the cabinet before releasing to avoid risk of the hood falling and/or personal injury.

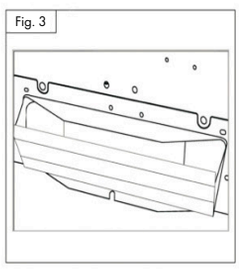
INSTALLATION

Step 1: Measuring

Measure the distance between the cooktop and bottom of the range hood. A distance of 30" to 36" (762 mm to 914 mm) is recommended.







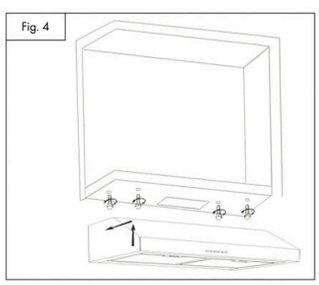
Step 2: Preparing the Hood

Remove the hood from packaging and position it on a flat non-abrasive surface. Ensure filters are not installed in order to allow access to the inside of the unit. See Figure 1.

Step 3: Attaching Vent

- Depending on the exterior venting option chosen (see "Venting Methods" on page 13), pop out the steel panel on the top of the range hood. See Figure 2.
- Using the 10 supplied Transition Piece Screws, attach the rectangular vent to the top of the range hood. See Figure 3.

Step 4: Installing the Hood



- Using the measurements provided with the dimensional diagrams on page 10, measure and drill four holes into the bottom of the cabinet above. See Figure 4.
- Depending on the exterior venting option chosen (see page 13), use the measurements provided with the dimensional diagrams and cut a vent hole in the wall or cabinet.
- Using a second or third person to help with lifting the hood, align the range hood to the holes in the bottom of the cabinet and secure the hood to the cabinet using the four supplied Cabinet Mounting Screws and Cabinet Mounting Washers. See Figure 4.

INSTALLATION

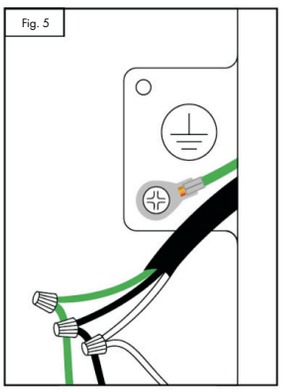
Step 5: Installing Ducting

- Depending on the exterior venting option chosen (see page 13), attach the ducting to the transition piece and route the ducting through the ceiling or wall.
- Always use rigid metal or aluminum ducting (follow the building codes in your area to maximize airflow).
- Connect the duct tube to the vent and securely seal with duct tape so that it is air tight.

Risk of electrical shock. This range hood must be properly grounded by a qualified electrician in accordance with all applicable national and local electrical codes. Before connecting wires, switch power off at the service panel and lock it to prevent power from being switched on accidentally.

Step 6: Electrical Connection

- Connect cable to range hood wiring. See Figure 5.
- Connect BLACK to BLACK, WHITE to WHITE and GREEN to the GREEN ground screw.
- **NOTE: Don't forget to connect the ground.**
- The range hood must be connected with copper wire/plug only.
- The range hood should be connected directly to the fused disconnect (or circuit breaker) box through flexible armored or non-metallic sheathed copper cable. UL/CSA listed strain relief must be provided at each end of the power supply cable.


Fig. 5

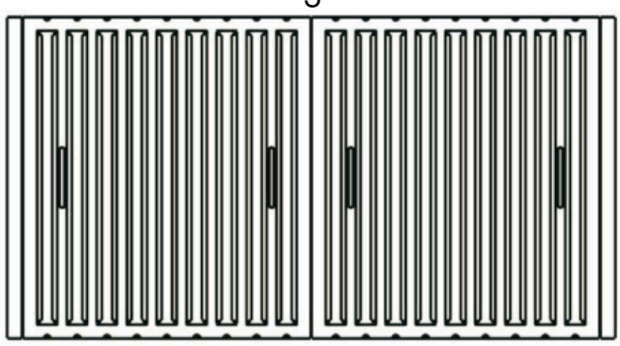
INSTALLATION

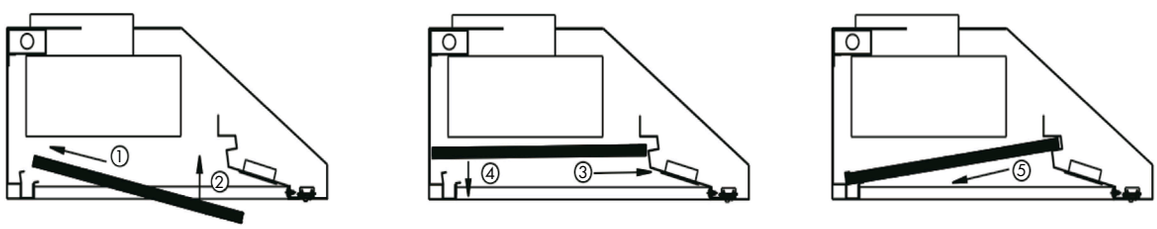
Step 7: Installing Baffle Filters

To install baffle filters and the stainless spacer, refer to the images below: Angle the baffle filter toward the back of hood. Push the filter up until almost level. Slide forward into recess behind the front of hood. Lower the filter and slide back until it fits into resting positions.

BAFFLE FILTERS

30" Range Hood



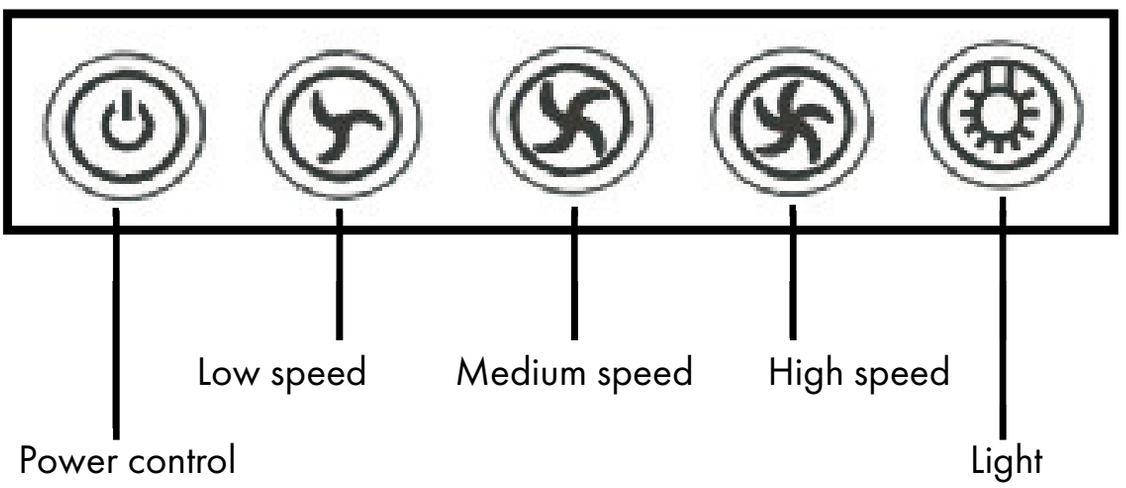


OPERATION

BEFORE OPERATION

- Read and understand all instructions and warnings in this manual before operating the appliance. Save these instructions for future reference.
- Always leave baffle filters in place when operating the hood. Without these components, operating blowers could catch onto to hair, fingers, and loose clothing.

BUTTON PANEL CONTROLS



BUTTON PANEL FUNCTIONS

- The five mechanical buttons control the Lights, Speeds, and Power.
- The Light control operates independently from the Power control, meaning you can turn lights on or off whether or not the hood is in operation.
- To turn the fans on, press the Power control button once.
  - Press button to operate the fans at low speed.
  - Press button to operate the fans at medium speed.
  - Press button to operate the fans at high speed.
- To turn the fans off, press the Power control button again.
- Light: Press the light button to turn on/off light.

CARE AND MAINTENANCE

CLEANING TIPS



Never clean the range hood while the power is on. Always unplug the unit or switch the electrical breaker to the off position. Do not put your hand or body parts inside the hood's motor while in operation. Do not operate the hood when filters are removed. Never disassemble parts to clean without proper instructions.

- Over time, saturation of oily and greasy residue in the motor, baffle filters, grease tunnel, or on the underside of the range hood itself may cause increased inflammability.
- For optimal operation, clean all of these parts on a consistent basis. Regular care will help preserve the appearance of the range hood.
- Clean with a stainless steel cleaner or hot soapy water and a cotton-based cloth. Do NOT use corrosive or abrasive detergents or steel wool/scouring pads, as these will scratch and damage the stainless steel surface. For heavier grease and soil, use a kitchen-safe liquid degreaser.
- If the hood looks splotchy, use a stainless steel cleaner to clean the surface of the hood. Avoid getting cleaning solution on or into the control panel. Follow directions of the stainless steel cleaner. Do not leave on too long as this may damage the hood finish.
- After cleaning, use a non-abrasive stainless steel polish to polish and buff out the stainless luster and grain. Always scrub lightly with a clean cotton cloth and with the grain.
- Do NOT allow grease or food deposits to accumulate or remain on the hood.
- Do NOT allow salt solutions, disinfectants, bleaches, or cleaning compounds to contact stainless steel for extended periods. Many of these compounds contain chemicals that may be harmful. Rinse with water after exposure and wipe dry with a clean cloth.
- When cleaning the oil tunnel and stainless steel baffle filters, it's important to drain excess oil and grease to avoid oil and residue overflow.
- Stainless steel baffle filters are intended to filter out residue and grease from cooking. They do not need to be replaced on a regular basis but are required to be kept clean.
- Filters should be cleaned after every 30 hours of use. Remove and clean by hand, or you can clean in a dishwasher, as the baffle filters are dishwasher-safe.
- Use an appropriate degreasing detergent for stainless steel and leave the filters to soak for an extended period if they are heavily soiled. Use a dry cloth to completely dry the filters before re-installing them on the hood.

CARE AND MAINTENANCE

REPLACING LIGHT BULBS

Never replace light bulbs while the power is on. Always unplug the unit or switch the electrical breaker to the off position. This range hood uses 3-watt, 12-volt LED bulbs. Do not handle LED bulbs with bare fingers, as this may shorten the life of the bulb.

DO NOT touch the lights until switched off and cooled. Touching hot bulbs could cause serious burns.

- Remove the baffle filters, then reach in the hood and feel for the back of lights' prongs.
- Press the two prongs and gently push forward on the light for it to come out.
- Wear a cotton glove or use a cloth to handle replacement bulbs. **NOTE**: DO NOT push the bulb in too hard, as the light's "legs" may break off.
- Once the light is replaced, turn on breaker and range hood to test for operation.

TROUBLESHOOTING

If the range hood fans or lights do not function after installation:	Check if the range hood has been plugged in, make sure that all power has been turned back on, fuses are not blown and all electrical wiring is properly connected.
	Swap out light assembly to working ones to determine whether it is caused by defective bulbs. See "Replacing Light Bulbs" on page 20.
The range hood vibrates when the blower is on:	The range hood might not have been secured properly to the cabinet. Re-check screws to ensure they are properly fastened.
The blower or fan seems weak:	Check that the duct sized used is at least 6" (152 mm). Range hoods will not function efficiently with insufficient duct size. For example: a 7" (178 mm) duct over an 6" (152 mm) hole that's loosely secured.
	Check if ducting is clogged. A tight mesh on a side wall cap unit might also cause restriction to the air flow.
The lights work but the blower is not spinning at all, is stuck or is rattling.	The blower might be jammed or scraping the bottom due to shipping damage. Contact ZLINE Customer Service.
The hood is not venting out properly:	Reduce the number of elbows and length of duct work. Check if all joints are properly connected, sealed, and taped.
	Make sure the distance between the stove top and hood bottom is within 30" and 36" (762 mm and 914 mm).
	Make sure the power is on high speed for heavy cooking.

If a problem cannot be resolved after following the instructions in this manual, please contact ZLINE Customer Service at 1-614-777-5004. Never attempt to repair or disassemble a faulty range hood. Always consult a professional.

WARRANTY

COVERAGE

ZLINE Kitchen and Bath ("ZLINE") range hood parts will be warrantied for three years from the original date of product delivery for the original purchaser of the product.

ZLINE warranty periods begin from the original date of product delivery and solely cover the original purchaser of the product, delivered new and in its original carton. ZLINE will provide free-of-charge, non-consumable replacement parts for the components that failed due to manufacturing defects.

Additionally, range hoods purchased on or after January 2017 carry a lifetime warranty on the motor. It is the responsibility of the customer to install all replacement parts and motors, as ZLINE does not perform service repairs on its range hood products.

ZLINE's liability is limited to the original purchase price of the product. Additional injuries, losses, damages, or other inconveniences caused by product malfunction or defects in materials are not covered under the terms of this warranty.

TERMS

ZLINE warranties apply only to the original purchaser of a ZLINE product installed for normal residential use. This is defined as a single-family, residential dwelling in a non-commercial setting. Any warranty claim stemming from installation, operation, or any other use within a commercial setting is not covered under this limited warranty. Commercial settings include, but are not limited to: schools, churches, hotels, restaurants, vacation rentals such as Airbnb, daycare centers, private clubs, fire stations, common areas in multi-family dwellings, nursing homes, food service locations, and institutional food service locations such as hospitals or correctional facilities.

This warranty is non-transferable and will not under any circumstance be extended based on the date of installation — the warranty period takes effect from the date of delivery and only covers the original purchaser. The warranty applies only to products installed in the contiguous United States and the District of Columbia.

WARRANTY

Out-of-pocket payments will not be reimbursed for replacement parts unless prior approval is received from ZLINE. Unapproved out-of-pocket payments for parts will not be reimbursed. Out-of-pockets for any type of service will not be reimbursed, as ZLINE does not perform service repairs on its range hood products. All warranty procedures must be followed to maintain warranty coverage.

If ZLINE is unable to replace the defective part after a reasonable number of attempts, ZLINE reserves the right to offer to replace the product or provide the original purchaser a full refund of the purchase price of the product (not including installation, removal, or other charges that were not included in the original purchase price).

The original purchaser of the product must provide the original proof of purchase, including the purchase date, when filing a claim to obtain replacement parts or refunds. Additionally, the original purchaser of the product must provide the serial number of the product when filing a claim to obtain replacement parts or refunds.

This warranty shall not apply to any ZLINE product in which the original factory serial number has been removed, altered, or cannot be readily determined for any reason. Further, ZLINE is not responsible for damage resulting from, but not limited to: shipment, delivery, or improper installation; negligence or improper maintenance, misuse, or abuse of the product; unauthorized alteration, modification, or tampering with the product; accident, fire, floods, pest infestations, pandemics, natural disasters, or any other unpreventable or unexplained acts of nature, commonly referred to as “acts of God”; flare-up fires or damages caused by improper electric supply, electrical line current, voltage, or power surges; and service to correct installation not in accordance with the instructions contained in ZLINE’s product manuals and/or with local government codes.

WARRANTY

Additionally, this range hood warranty does not apply to aesthetic damage, scratches, or natural wear caused by normal use; second-hand, open box products, or products purchased from an unauthorized retailer; consumable parts including, but not limited to, metal and charcoal filters; and damages, problems, or any type of performance-related issues stemming from alteration or tampering with the range hood, including, but not limited to, painting stainless steel, black stainless, Satin Stainless Steel, or designer- or wood-finished range hoods, and manipulating the electrical wiring beyond what is described in this manual.

Information contained within ZLINE's installation and user manuals, in addition to product information included on ZLINE's website and all related digital listings, do not cover every possible condition and situation that may occur during the installation or operation of ZLINE products.

ZLINE reserves the right to make changes at any time to its products when considered safe, necessary, and useful. Always check the ZLINE website for the most up-to-date version of its product manuals: www.zlinekitchen.com/pages/manuals.

Do not install or operate any ZLINE product if it has missing or broken parts or if it arrives damaged due to shipping. If ZLINE products arrive damaged, contact ZLINE Customer Experience at 1-614-777-5004 for help. Failure to report a damaged appliance prior to installation or operation may void the warranty. ZLINE does not perform service repairs on its range hood products.

ZLINE disclaims responsibility for damage or injury caused by improper installation or use of any of its products. ZLINE is under no obligation, by law or otherwise, to provide concessions, including repairs, prorates, rebates, discounts, or replacements, once the warranty has expired.

WARRANTY

SERIAL NUMBER LOCATION



The rating tag shows the model and serial number of your range hood. Please write down the model number and serial number of your appliance. The rating label is located behind the baffle filters on the motor. Both are needed to obtain warranty service. Do not remove permanently affixed labels, warnings, or plates from the product. This will void the warranty. You may also consider attaching your receipt or proof of purchase to this manual.

WARRANTY

CUSTOMER SERVICE AND PARTS INFORMATION

Please contact ZLINE Customer Service for questions and troubleshooting help at 1-614-777-5004 or visit www.zlinekitchen.com/contact to utilize our online Customer Experience Portal.

Scan the QR code to view the most up-to-date version of ZLINE's range hood Installation and User Manuals.

Need to purchase a part or accessory for your ZLINE product? Visit www.zlineparts.com, ZLINE's official parts distribution partner.

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zlinekitchen.com

1-614-777-5004

contact@zlinekitchen.com

ZLINE

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