ZLINE

Alpine Series Range Hoods

Installation Guide
and Users Manual



SCAN ME

REGISTERING YOUR PRODUCT

Please register your ZLINE appliance to activate your warranty. Begin the simple registration process by scanning the QR code.

By registering your appliance, you will have access to:

- Technical Support
- Warranty Service
- Tracking your support inquiries

⚠ 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.

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 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.

WARRANTY

PROPER VENTING REGULATIONS

Please verify with your local, city, and state regulations on the proper venting method for your hood. Many agencies have CFM rating specifications for your hood, as well. You may have to purchase additional items on your own to vent the hood in accordance with your local city and state specifications.

THREE YEAR PARTS WARRANTY

For three years from the date of original purchase, we will provide free of charge, non-consumable replacement parts for the components that failed due to manufacturing defects. Subject to the conditions and limitations set forth below at its option, either repair or replace any part of its products that prove defective by reason of improper workmanship or material. Repaired parts or replacement products will be provided by ZLINE on an exchange basis and will be either new or refurbished to be functionally equivalent to new. The consumer is responsible for shipping costs. Consumable parts not covered by this warranty include, but are not limited to: metal, aluminum, and charcoal filters.

WHO IS COVERED

This warranty is extended to the original purchaser for products purchased for ordinary home use in the continental USA.

THIS WARRANTY WILL BE VOID WHEN

Product damaged through negligence, improper installation, accident, abuse, misuse, and natural disaster, insufficient or excessive electrical supply. Abnormal mechanical or environmental conditions or any unauthorized disassembly repair, modifications or failure to follow the installation instructions or when product is used commercially or other than its intended purpose or damaged because of improper connection with equipment of other manufacturers. Repaired or modified by anyone other than authorized agents This limited warranty does not apply to any product on which the original identification information has been altered, obliterated or removed, has not been handled or packaged correctly, has been sold as second-hand or resold contrary to the US regulations.

WARRANTY

WHAT IS NOT COVERED

Consumable parts such as light bulbs, metal and charcoal filters. The natural wear of finish, and wear due to improper maintenance, use of corrosive and abrasive cleaning products, pads and cleaning products. Chips, dents or cracks due to abuse, misuse, freight damage (not reported), or improper installation. Damage of product caused by accident, fire, flood, or act of God, we are not liable for and is not covered by warranty, any loss of properties or any cost associated with removing, servicing, installing or determining the source of problems with our products.

This warranty is valid in the United States. It is non-transferable and applies only to the purchaser and does not extend to subsequent owners of this product, any applicable implied warranties, including the warranty of merchantability are limited in duration to a period of express warranty as provided herein beginning with the date of original purchase at retail and no warranties, whether express or implied shall be applied to this product. All shipping charges for returns are the responsibility of the purchaser.

DISCLAIMER

Carefully inspect all items for damages before accepting delivery. Customer should note any damages on the freight bill or express receipt. Request the name and signature of the carrier's agent and keep a copy to support your claim. Upon acceptance of items, owner assumes responsibility for its safe arrival. Report damages to the carrier and file a claim immediately. Failure to do so may result in the denial of your claim. The carrier will furnish you with necessary forms for filing a claim.

Please inspect contents of package(s) carefully upon receiving them! We must be notified of any damages and/or missing parts within (5) days upon your receipt of package(s). Claims will not be accepted after (5) days.

NOTE: Items were thoroughly tested and carefully packed in our facility before shipping. Products must be returned in good working condition with ALL original parts and documentation packed in all original cartons, fillers and shipping cartons. A restocking fee of 15% will be charged for all approved returns. Exchanges or returns may not be accepted if any packaging is missing. Make certain to inspect the hood for damages and defects before installation. Appearance flaws of the hood found after installation and not affecting the hood's performance is not covered under our warranty for returns or exchanges. Service visits not covered under warranty will carry a service charge.

Before installing your unit, please test the item(s) for proper functionality by plugging it into the wall and testing the fan and lights. If unit does not work, please contact customer service right away. Have a question? Call us at 1-614-777-5004.

Before Installation: Return for exchange or refund.
After Installation: No exchange or refund.

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SAFETY INSTRUCTIONS



This is the safety alert symbol. This symbol alerts you to potential hazards that can hurt you and others. All safety messages will follow the safety alert symbol.

READ ALL INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS APPLIANCE.

- The installation instructions in this manual are intended for qualified installers, service technicians, or persons with similar qualified background. Installation and electrical wiring must be done by qualified professionals and in accordance with all applicable codes and standards, including first-rated construction. DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background. Due to the size and weight of this range hood, two people installation is recommended.
- Range hood may have very sharp edges; please wear protective gloves if it is necessary to remove any parts for installing, cleaning or servicing.
- Activating any switch ON before completing installation may cause ignition or an explosion.

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:

- For general ventilating use only. DO NOT use to exhaust hazardous or explosive materials and vapors. The combustion air flow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. 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 of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities. Sufficient air is needed for proper combustion and exhausting of gases through the duct to prevent back drafting.
- Before servicing or cleaning unit, switch power OFF at service panel and lock service panel to prevent power from being switched ON accidentally.
- Metal ductwork may be required based on local codes. Complimentary ductwork in either heat-resistant PVC or flexible metal may be included as a courtesy and can be omitted in favor of required ductwork.

SAFETY INSTRUCTIONS

- Ducted fans MUST ALWAYS be vented to the outdoors. At the point where the duct work ends, add an external damper to prevent air from entering the home when the hood is not in use. This also prevents small animals and rain water from entering the duct work.
- When cutting or drilling into a wall or ceiling, be careful not to damage electrical wiring or other hidden utilities.
- Your safety and the safety of others is very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages. All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.
- All electrical wiring must be properly installed, insulated, and grounded.
- Old duct work should be cleaned or replaced, if necessary, to avoid the possibility of a grease fire. Check all joints on duct work to insure proper connection, all joints should be properly taped.
- Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the vendor.
- When the range hood ventilates the air out of the room, the air vented must be replaced, this is called make-up air. If a makeup air system is needed, but not used, a hood may not function as expected due to negative air pressure. We do not currently provide a make-up air unit. Always consult any applicable building codes in your area in regards to minimum and maximum air flow rates. Certain states may require additional items such as make-up air for larger CFM range hoods (typically over 300 CFM).
- Keep all fans, baffle, spaces, filter, grease tunnel, grease cup and grease-laden surfaces clean. Grease should not be allowed to accumulate on fan, baffle, spaces, filter, grease tunnel or grease cup. Clean grease-laden surfaces frequently.
- 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 or garages.

SAFETY INSTRUCTIONS

- All ZLINE range hoods are ETL listed, ensuring all parts were tested for safety and meet industry standards and regulations. **NOTE:** This ensures all included plastic ducting pieces were tested for safety and are flame retardant.
- Always turn the range hood ON when cooking at high heat or when cooking flaming foods. Use high settings on the cooking range only when necessary. Never leave surface units unattended at high settings. Boil overs cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
- Clean ventilating fan frequently.
- Always use appropriate cookware and utensils size. Always use cookware appropriate for the size of the surface element.

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A STOVE 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 burned.
- Keep flammable or combustible material away from flames. If the 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.

SAFETY INSTRUCTIONS
ALPINE WALL MODELS



This is the safety alert symbol. This symbol alerts you to potential hazards that can hurt you and others. All safety messages will follow the safety alert symbol and the word "WARNING".

- The installation in this manual is intended for qualified installers, service technicians, or persons with similar qualified background. Installation and electrical wiring must be done by qualified professionals and in accordance with all applicable codes and standards, including fire-rated construction.
- DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.
- Range hood may have very sharp edges; please wear protective gloves if it is necessary to remove any parts for installing, cleaning, or servicing.
- Activating any switch "ON" before completing installation may cause ignition or an explosion.
- Due to the size and weight of this range hood, a two person installation is recommended.
- Clean ventilating fan frequently.
- Always use appropriate cookware and utensils size.
- Always use cookware appropriate for the size of the surface element.

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS:

- For general ventilating use only. DO NOT use to exhaust hazardous or explosive materials and vapors.
- The combustion air flow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. 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 of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- Before servicing or cleaning unit, switch power "OFF" at service panel and lock service panel to prevent power from being switched ON accidentally.
- Clean grease laden surfaces frequently. 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, ceiling, attics, or garages.

SAFETY INSTRUCTIONS
ALPINE WALL MODELS

- Ducted fans MUST always be vented to the outdoors.
- Use only metal ductwork and this unit MUST be grounded.
- Sufficient air is needed for proper combustion and exhausting of gases through the duct to prevent back drafting.
- When cutting or drilling into wall or ceiling, be careful not to damage electrical wiring and/or other hidden utilities.
- All electrical wiring must be properly installed, insulated, and grounded.
- Old duct work should be cleaned or replaced if necessary to avoid the possibility of a grease fire.
- Check all joints on duct work to insure proper connection and all joints should be properly taped.
- Use this unit only in the manner intended by the manufacturer. If you have questions, contact ZLINE at 614-777-5004.

TO REDUCE RISK OF STOVETOP GREASE FIRE:

- Keep all fan, baffle, spaces, filter, grease tunnel, grease cup and grease-laden surfaces clean. Grease should not be allowed to accumulate on fan, baffle, spaces, filter, grease tunnel and grease cup.
- Always turn range hood ON when cooking at high heat or when cooking flaming foods.
- Use high settings on cooking range only when necessary.
- Never leave surface units unattended at high settings. Boil overs cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.

SAFETY INSTRUCTIONS
ALPINE WALL MODELS

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A STOVE TOP GREASE FIRE:

- SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn OFF the burner.
- BE CAREFUL TO PREVENT BURNS. NEVER PICK UP A FLAMING PAN. You may be burned.
- KEEP FLAMMABLE OR COMBUSTIBLE MATERIAL AWAY FROM FLAMES.
  If the flames DO NOT go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT or dial your local emergency service immediately.
- DO NOT USE WATER, including wet dishcloths or towels. A violent steam explosion will result.
- Use an extinguisher ONLY if:
  - You know you have a Class A, B, C extinguisher, and you already know how to operate it.
  - The fire is small and contained in the area where it is started.
  - The fire department is being called.
  - You can fight the fire with your back to an exit.

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A GAS LEAKS:

- Extinguish any open flame.
- DO NOT turn on the range hood fan or any type of ventilator.
- DO NOT turn on the lights or any type of appliance.
- Open all doors and windows to disperse the gas. If you still smell gas, call the gas company and fire department or dial your local emergency service immediately.

Your safety and the safety of others is very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages. All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

BEFORE INSTALLATION
ALPINE WALL MODELS

TOOLS NEEDED:


Pencil

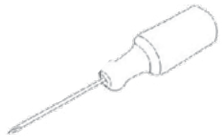

Level


Utility knife


Powered screwdriver or drill


Measuring tape


Adjustable wrench

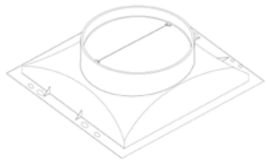

Flathead and Philips screwdrivers

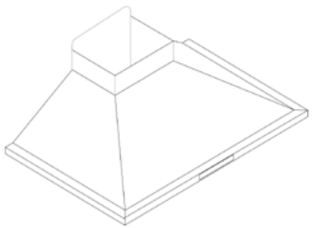
INCLUDED PARTS:


Optional duct tube

Lower chimney

Upper chimney


Ducting transition


Range hood


Stainless steel baffle filter

BEFORE INSTALLATION
ALPINE WALL MODELS

ELECTRICAL REQUIREMENTS

- Contact a qualified electrical installer.
- Assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition, or CSA Standards C22. 1-94, Canadian Electrical Code, Part 1 and C22. 2 No. 0-M91 - latest edition and all local codes and ordinances.
- If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.
- A 110~120V/60Hz, AC-only, fused electrical supply is required on a separate 15-amp circuit, fused on both sides of the line.
- Do not ground to a gas pipe.
- Check with a qualified electrician if you are not sure that the range hood is properly grounded.
- Do not have a fuse in the neutral or ground circuit.
- **IMPORTANT:** Save manual for electrical inspector's use.
- 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. A U.L. - or C.S.A. - listed strain relief must be provided at each end of the power supply cable.
- Wire sizes (COPPER WIRE ONLY) and connections must conform with the rating of the appliance as specified on the model/serial rating label. Wire sizes must conform to the requirements of the National Electrical Code ANSI/NFPA 70 — latest edition*, or CSA Standards C22. 1-94, Canadian Electrical Code Part 1 and C22. 2 No. 0-M91 - latest edition and all local codes and ordinances. A U.L. - or C.S.A. - listed conduit connector must be provided at each end of the power supply cable (at the range hood and at the junction box).
- Copies of the standards listed may be obtained from:

CSA International
8501 East Pleasant Valley Road
Cleveland, Ohio 44131-5575

National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

BEFORE INSTALLATION
ALPINE WALL MODELS

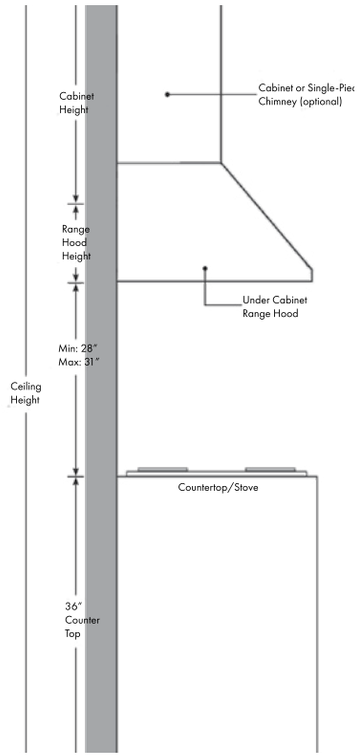
ADVANCED PREPARATIONS

1. Be familiar with the controls of the range hood by reading through the Range Hood Operations, page 40.
2. Place the range hood on a flat, stable surface. Connect the range hood to a designated standard outlet, 110~120V/60Hz, AC only, and turn on the range hood. Verify all operations of the range hood by referring to the Range Hood Operations, page 40.
3. Place all supplied parts and required hardware on a flat, stable surface and verify the existence of all supplied parts listed on page 31.
4. Carefully remove the white plastic protective coat from the chimney covers and range hood.

VENTING REQUIREMENTS

Vent system must terminate to the outside (roof or side wall).

- DO NOT terminate the vent system in an attic or other enclosed area.
- Do not reduce wall cap size. It can be bigger than the ducting size, but not smaller.
- Use metal/aluminum vent only. Rigid metal/aluminum vent is recommended.
- DO NOT use plastic vent.
- Always keep the duct clean to ensure proper airflow.
- Calculate the following figures before installation:
    - Distance from the floor to the ceiling.
    - Distance between the floor to the countertop/stove (recommend 28" to 31").
    - Distance between the countertop/stove to the range hood.
    - Height of hood and duct cover.



BEFORE INSTALLATION
ALPINE WALL MODELS

FOR THE MOST EFFICIENT & QUIET OPERATION

- A distance of 28" to 31" is recommended between stove top and the bottom of range hood.
- It is recommended that the range hood be vented vertically through the roof through 8" or bigger round metal/aluminum vent work.
- The size of the vent should be uniform.
- Use no more than three 90° elbows. The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.
- Make sure there is a minimum of 24" of straight vent between the elbows if more than one elbow is used.
- DO NOT install two elbows together.
- The vent system must have a damper. If roof or wall cap has a damper, DO NOT use damper (if supplied) on top of the range hood.
- Use silver tape to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.

IMPORTANT:

A minimum of 6" round (standard for this range hood) or 3-1/4 x 10" rectangular duct (purchased separately) must be used to maintain maximum airflow efficiency.

- Always use rigid type metal/aluminum ducts, if available, to maximize airflow when connecting to provided duct.
- Please use Duct Run Calculation below to calculate total available duct run when using elbows, transitions and caps.
- ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, increase duct size from 8" to 9" or 10". If a reducer is used, install a long reducer instead of a pancake reducer.
- Reducing duct size will restrict airflow and decrease airflow, thus reduce duct size as far away from opening as possible.
- If turns or transitions are required: Install as far away from opening and as far apart, between 2, as possible.
- Minimum mount height between stove top to hood bottom should be no less than 28-inch*. Maximum mount height between stove top to hood bottom should be no higher than 31-inch*.
- It is important to install the hood at the proper mounting height. Hoods mounted too low could result in heat damage and fire hazard; while hoods mounted too high will be hard to reach and will loose its performance and efficiency.
- If available, also refer to stove top manufacturer's height clearance requirements and recommended hood mounting height above range.

BEFORE INSTALLATION
ALPINE WALL MODELS

Due to different ceiling height configurations, recommended height may not be applicable.

CALCULATING VENT SYSTEM LENGTH

To calculate the length of the system you need, deduct the equivalent feet for each vent piece used in the system from the recommended maximum duct run.

DUCT RUN CALCULATION	
	Recommended maximum run
8" or 3-1/4 x 10" duct	50 ft
	Vent piece deduction
	9 ft
Paper bags	5 ft
Plastic foam	7 ft
Wood	0 ft
Roof cap	0 ft

Duct Run Calculation example:
One roof cap, two 90° elbow, and one 45° elbow used:
0 ft + 9 ft + 9 ft + 5 ft = 23 ft used.
Deduct 23 ft from 50 ft, 27 ft maximum available for straight duct run.

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. To vent through a wall, use a 90° elbow.

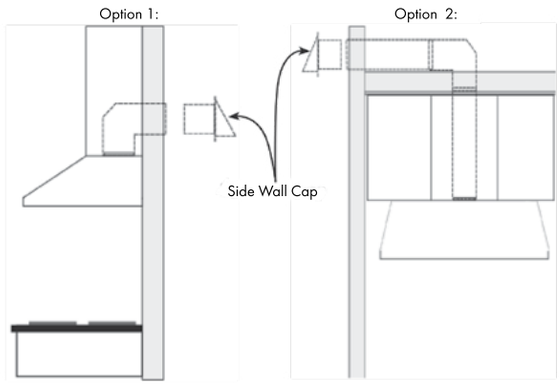
IMPORTANT:

- 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.

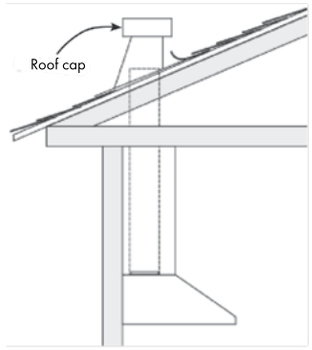
WARNING: Moving and installing the range hood is a two person job. Spinal or other bodily injuries could occur if it is not followed.

BEFORE INSTALLATION
ALPINE WALL MODELS

Horizontal wall venting



Vertical roof venting



PREPARATIONS

1. Determine and mark the center line on the ceiling where the range hood will be installed. Make sure there is proper clearance within the ceiling or wall for exhaust vent.
2. Due to the weight and size of this unit, make sure that the support system or framework being used is stable and secure in the wall.
3. Put a thick, protective covering over counter top, cook top, or range to protect it from damage or dirt. Remove any hazardous objects around the area when installing.

BEFORE INSTALLATION
ALPINE WALL MODELS

4. Mark the locations of the support mounting bracket holes, vent cutout (if used), and power supply cable cutout on the ceiling. Use drill and saber saw or keyhole saw to cut openings for power supply cable and vent (see Venting requirements and Electrical requirements, pages 32-36).
5. If venting to the outside install vent system (see Venting Requirements, page 33, use caulking to seal exterior wall or roof openings.
6. Disconnect main electrical supply, prepare, and run electrical wiring through ceiling or wall. Leave approximately 12" of electrical cord hanging from the ceiling. Do not restore power until wiring is completed.
7. Disconnect power cord, remove the stainless steel filters by pulling down toward the direction of solid arrow while holding both of the metal handles, and gently pull the stainless steel filters toward the direction of dashed arrow as shown in Figure 1.
8. Remove the grease cup by sliding it sideways, see Figure 2 for location of the grease cup.
9. Set aside the stainless steel filters and grease cup until the range hood is properly installed.
10. If the range hood comes with a glass canopy and has not already been mounted to the hood, loosen the four canopy screws and washers from the hood top, carefully place the canopy on the hood top, and loosely tighten the four canopy screws along with washers. DO NOT put excessive pressure against the glass. **WARNING:** Severe Injury Rotating fan can cause severe injury. Stay clear of fan when motor is running



Figure 1

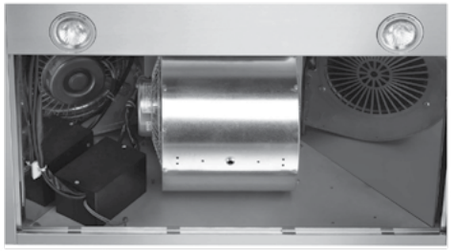


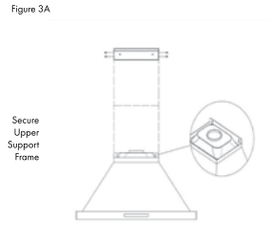
Figure 2

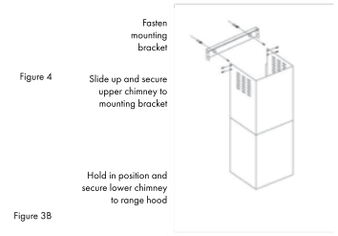
INSTALLATION
ALPINE WALL MODELS

WARNING: HAZARD OF ELECTRIC SHOCK

Do not perform service on an electrically live system. Disconnect the main electrical supply before servicing this device. Touching electrical connectors or other exposed electrical circuitry inside this range hood when they are energized could result in death, serious bodily injury, or property damage.

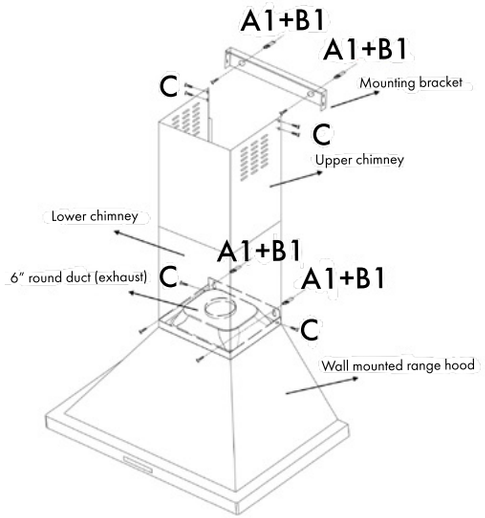
1. Measure the distance between stove top and the bottom of range hood. A distance of 28" to 31" is required.
2. Make sure the range hood is level and not tilted. Mark the locations of the hanging bracket holes on the wall as shown in Figure 3A and Figure 3B.
3. Place the mounting bracket directly above the range hood, level it, and mark the locations of the mounting bracket holes on the wall.
4. Place aside all equipments, locate marked regions and drill holes. Attach range hood to wall using anchors recommended for your type of wall:
    - Sheet rock wall: Attach range hood to stud blockings if possible. If stud blockings are not available, it is required to build a supporting structure behind the sheet rock for best weight support.
    - Concrete wall: Use designated screws (not provided).
    - Wood wall: Use at least 5 cm long wood screws (not provided).
5. Fasten two Type "A" anchors (for range hood and for mounting bracket or air diverted) on the wall as shown in Figure 4. Loosely fasten two Type "B" screws onto anchors, DO NOT fasten screws all the way. Hang the range hood on the Type "B" screws and hand tighten them. Leave approximately 1/8" of gap from the wall to the range hood.
6. Place the mounting bracket against the wall and align the holes from mounting bracket with holes from Type "A" anchors, fasten two Type "B" screws through the holes onto the anchors as shown in Figure 5. Leave approximately 1/8" of gap from the wall to the mounting bracket.





INSTALLATION
ALPINE WALL MODELS

7. Calculate the height of the duct tube and extend approximately 6” (15 cm) longer than required, connect the lower end of the duct tube to the range hood and the upper end to the vent system. Make sure the main electrical supply remains disconnected then connect power plug to the electrical cord or wall plug.
8. Have one person carefully position both upper and lower chimneys on the range hood, let the second person slide the sides of the chimneys into the 1/8” gap. Fasten both chimneys with four Type “C” screws.
9. Install grease cup and aluminum filters then check the operation of the range hood.



OPERATION
ALPINE WALL MODELS

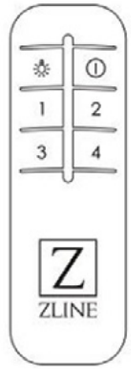


- Power: Turn ON/OFF the range hood and activate power-off delay timer (3mins).
- Low Speed: Light frying/boiling.
- Medium Speed: Frying/wok cooking/heavy boiling.
- High Speed: Intensive frying and wok cooking.
- Light: Turn ON/OFF

Adjusting the blower (motor) speed: Press the power key then press any speed buttons one time , the blower will start at any speed, press same button again , shut down the blower.

Adjusting the timer function: Turn the hood on at any speed and press the power-off delay button one time, it will enter timer mode, power-off delay digital timer will begin countdown. Press again ,the blower will shut down.

Never put your hand into area housing the fan while the fan is operating!



The remote control is a 433M high frequency remote control. The distance of the remote control is 10 meters. The signal can pass through the wall.

It needs to match code with the hood to use it for the first time. Press Lamp key on range hood for 5 seconds. Once the light of the lamp button on the hood flickers, press any button on the remote control. If the LED of lamp button stops flickering, the matching is done.

MAINTENANCE AND CLEANING
ALPINE WALL MODELS

HOW TO CHANGE OR REPLACE LIGHT BULB

1. Make sure the range hood is unplugged or turn OFF breaker.
2. Slightly press inward on the bulb using both thumbs.
3. Keep your grip & pressure constant on the bulb with the thumbs as you turn the bulb counter-clockwise. Stop pushing it inward once you feels it won't turn further (it should turn about 90 degrees)
4. Pull the bulb straight out of the socket
5. Have new light bulb legs to align with 2 socket base slot holes
6. Press the new bulb inward into the socket. You will press the bulb inward into the same position that you took the old bulb out from. Twist it clockwise as far as it will go, and you can turn the lights back on

CLEANING

- The saturation of greasy residue in the blower and filters may cause increased inflammability. Keep unit clean and free of grease and residue buildup at all times to prevent possible fires.
- FILTERS MUST BE CLEANED PERIODICALLY AND FREE FROM ACCUMULATION OF COOKING RESIDUE.
- Do NOT operate blowers when filters are removed. Never disassemble parts to clean without proper instructions.
- Disassembly is recommended to be performed by qualified personnel only. Read and understand all instructions and warnings in this manual before proceeding.
- For optimal operation, clean range hood and all baffle/spacer /filter/grease tunnel/oil container regularly. Regular care will help preserve the appearance of the range hood.

CLEANING EXTERIOR SURFACES:

- Clean periodically with stainless steel cleaner or hot soapy water and clean cotton cloth. Do NOT use corrosive or abrasive detergent (e.g. Comet Power Scrub®, EZ-Off® oven cleaner), or steel wool/scouring pads, which will scratch and damage the stainless steel surface. For heavier soil, use liquid degrease such as "Formula 409®" or "Fantastic®" brand cleaner.

MAINTENANCE AND CLEANING
ALPINE WALL MODELS

- If 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. CAUTION: Do NOT leave on too long as this may cause damage to hood finish. Use soft towel to wipe off the cleaning solution, gently rub off any stubborn spots. Use dry soft towel to dry the hood.
- After cleaning, you may use non-abrasive stainless steel polish such as 3M ® or ZEP®, to polish and buff out the stainless luster and grain. Always scrub lightly, with clean cotton cloth, and with the grain.
- Do NOT allow deposits to accumulate or remain on the hood.
- Do NOT use ordinary steel wool or steel brushes. Small bits of steel may adhere to the surface and cause rusting.
- Do NOT allow salt solutions, disinfectants, bleaches, or cleaning compounds to remain in contact with stainless steel for extended periods. Many of these compounds contain chemicals which may be harmful. Rinse with water after exposure and wipe dry with a clean cloth.
- Cleaning grease filter/stainless steel filter: IMPORTANT: Drain oil from oil containers before oil and residue overflow!
- The metal filters fitted by the factory 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 dishwasher. Use proper degreasing detergent for stainless steel and leave to soak if heavily soiled. Dry filters and re-install before using hood.

TROUBLESHOOTING
ALPINE WALL MODELS

ZLINE Customer Service is available at 1-614-777-5004.

FAULT	TROUBLESHOOTING
Range hood does not operate after installation	Check if the range hood has been plugged in. Make sure that all power has been turned back on 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 the light bulbs, page 16)
Range hood vibrates when the blower is on	The range hood might not have been secured properly on to the ceiling.
	Check if the blower wheel is damaged.
The blowers seems weak	Check that the duct sized used is at least 6". Range hood WILL NOT function efficiently with insufficient duct size and loosely secured.
	Check if duct is clogged or if damper unit is not opening properly. A tight mesh on a side wall cap unit might also cause restriction to the airflow.
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.
The hood is not venting out properly	Make sure the distance between the cook top and the bottom of the hood is within 26" and 30" in range.
	Reduce the number of elbows and length of duct work. Check if all joints are properly connected, sealed, and taped.
	Make sure the power is on high speed for heavy cooking
The hood is nosier than normal	The damper was not opened
	The duct is not secure and causes vibration
	The smaller duct size than required is being used

SAFETY INSTRUCTIONS
ALPINE UNDER CABINET MODELS

WARNING This is the safety alert symbol. This symbol alerts you to potential hazards that can hurt you and others. All safety messages will follow the safety alert symbol.

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY, PLEASE OBSERVE THE FOLLOWING:

1. Installation work and electric wiring (including switch location) must be done by qualified person(s) in accordance with local applicable codes and standards, including fire-rated construction.
2. This hood may have sharp edges. Be careful to avoid cuts and abrasions during installation and cleaning.
3. The hood must be placed at a minimum distance of 24" from the stovetop.
4. Sufficient air is needed for proper combustion and exhausting of gases through the chimney of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards, such as those published by the National Fire Protection Association, and the American Society for Heating, Refrigeration and Air Conditioning Engineer (ASHRAE), and the local code authorities.
5. Ducted fans must always be vented to the outdoors.
6. This appliance is design to be operated by adults.
7. **WARNING**: To reduce the risk of fire or electric shock,do not use this fan with any solid-state speed control device.
8. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

SAFETY INSTRUCTIONS
ALPINE UNDER CABINET MODELS

WARNING: TO REDUCE THE RISK OF FIRE, USE ONLY THE METAL DUCTWORK.

WARNING: TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP FIRE, OBSERVE THE FOLLOWING:

1. SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
2. NEVER PICK UP A FLAMING PAN. You may be burned.
3. DO NOT USE WATER, including wet dishcloths or towels. A violent steam explosive will result.
4. Use an extinguisher ONLY if:
    - You know you have a Class ABC extinguisher and you already know how to operate it.
    - The fire is small and contained in the area where it started.
    - The fire department is being called.
    - You can fight the fire with your back to an exit.

WARNING: TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

1. Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
2. Always turn hood ON when cooking at high heat or when flambeing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambé).
3. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
4. Use proper pan size. Always use cookware appropriate for the size of the surface element.

SAFETY INSTRUCTIONS
ALPINE UNDER CABINET MODELS

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY, OBSERVE THE FOLLOWING:

- Use this unit only in the manner intended by this manual. If you have questions, contact ZLINE at 614-777-5004.
- Before servicing or cleaning unit, switch power off at the service panel and disconnect the unit. This will prevent power from being switched on accidentally. Securely fasten a prominent warning device, such as a tag, to the service panel.

RECOMMENDATIONS AND SUGGESTIONS: INSTALLATION

Before the final installation is made, check that all parts are in the box. Check the finish of the range hood for scratches or dents. Check the operation of the range hood. If there are any issues, do not install the range hood. Call ZLINE at 614-777-5004.

The manufacturer will not be held liable for any damage resulting from incorrect or improper installation.

- Please read this instruction manual before installing and using this range hood. Keep this instruction manual in a safe place for future reference.
- This range hood can be used only in a ducted mode (ducting fumes to the outside).
- Only a qualified and trained service technician should install and service the unit.
- Check that the main voltage corresponds to the one indicated on the rating plate fixated inside the hood.
- Check that the domestic power supply guarantees adequate grounding.
- Do not connect the hood to exhaust ducts carrying combustion fumes (boilers, fireplaces, etc.)
- If the hood is used in conjunction with non-electrical appliances (e.g. gas burning appliances), a sufficient degree of aeration must be guaranteed in the room in order to prevent the backflow of exhaust gas. The kitchen must have an opening directly with the open air in order to guarantee the entry of clean air.
- The minimum distance is 30”-32” from the range hood to a gas hob and is 24”-30” to an electric hob. If the installation instructions for gas hobs specify a greater distance, this must be taken into account.

BEFORE INSTALLATION
ALPINE UNDER CABINET MODELS

WARNING

NOTICE: Considering excessive weight, two or more people are required to install or move this appliance. Failure to do so can cause physical injuries.

GROUNDING INSTRUCTIONS

15amp, 120V, 60Hz

This appliance must be grounded. The range hood is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING

WARNING: Improper grounding can result in a risk of electric shock.

Consult a qualified electrician if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.

Do not use an extension cord. If the power supply is too short, have a qualified electrician install an outlet near the appliance.

PREPARE THE HOOD

Unpack hood and check contents. You should receive:

1. Hood
2. Installation Instructions
3. Aluminum Flex Duct
4. Parts Bag containing:


Aluminum Flex Duct
QTY: 1

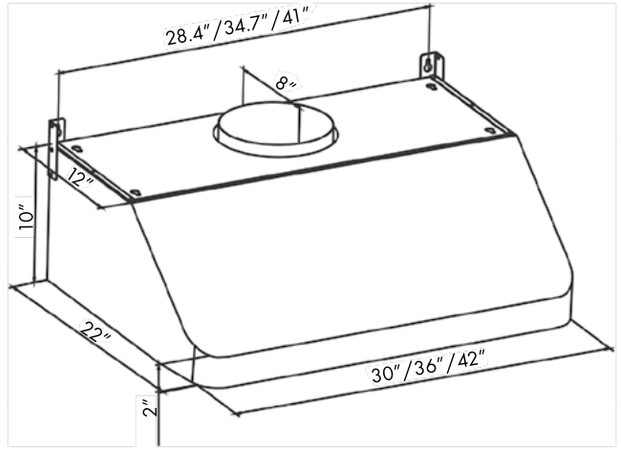

Explode screws
QTY: 2


M4*12
QTY: 4


Hose clamp
QTY: 1


Mounting bracket
QTY: 2

BEFORE INSTALLATION
ALPINE UNDER CABINET MODELS



NOTE: Carefully remove the plastic protective film from exterior of the surfaces of the hood prior to final installation.

CAUTION

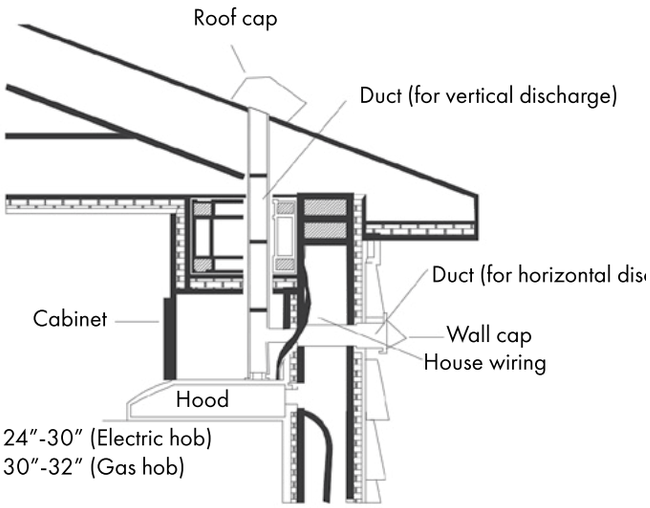
CAUTION: To reduce risk of fire and electric shock, install this range hood only with integral blowers by qualified person or agency.

WARNING

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY, OBSERVE THE FOLLOWING:

1. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable code and standards, including fire-rated construction.
2. 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 local code authorities.
3. When cutting or drilling into the wall or ceiling, do not damage electrical wiring and/or other hidden utilities.
4. Ducted fans must always be vented to the outdoors.

BEFORE INSTALLATION
ALPINE UNDER CABINET MODELS



1. The hoods feature a 8” top round opening. Run ductwork between the hood location and roof cap. For the results, use a minimum number of transitions and elbows.
2. Use the diagram above for placement of ductwork and electrical cutout in cabinet or wall.



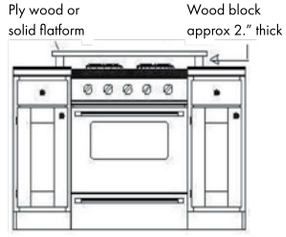
WARNING: To avoid the risk of fire, use only the metal ductwork.

INSTALLATION
ALPINE UNDER CABINET MODELS

STEP 1: PROTECT THE COOKTOP

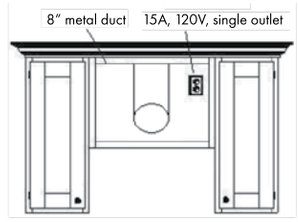
Put a thick, protective covering over counter top, cook top, or range to protect it from damage or dirt.

STEP 2: CREATE WORK STATION (OPTIONAL)



Put two pieces of wood, about 2” x 4” x 20”, on both sides of stove. Put plywood on top of them to protect the cook top or stove from damage or dirt. This plywood also creates a comfortable work station for easy installation.

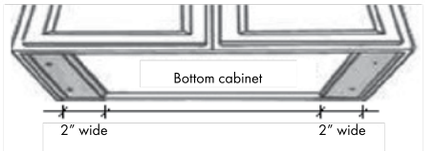
STEP 3: PREPARE DUCTWORK & SINGLE OUTLET



- Make sure you have a 15amp, 120V, 60Hz, single outlet on the left or right of the duct pipe (usually is on ¼ of cabinet width).
- Make sure duct pipe is ready to hook up to the range hood before beginning installation (8” diameter duct and roof or wall cap, depending on where the hood will be vented.)

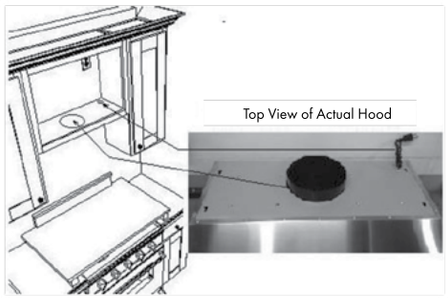
INSTALLATION
ALPINE UNDER CABINET MODELS

STEP 4: ATTACH 2" WIDE WOOD FILLER STRIPS



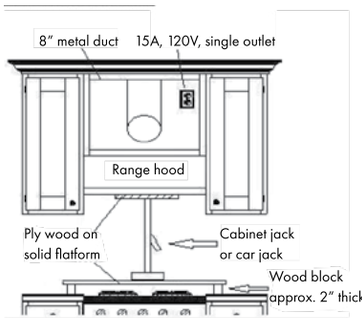
For installing under the cabinet with a recessed bottom, attach 2-inch wide wood filler strips.

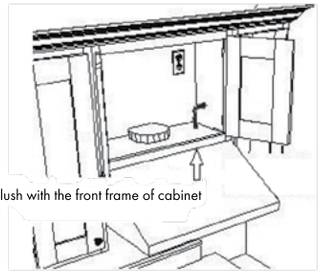
STEP 5: CREATE ACCESS



Create an opening for the electrical wire and hood exhaust under the cabinet.

STEP 6: ATTACH THE HOOD

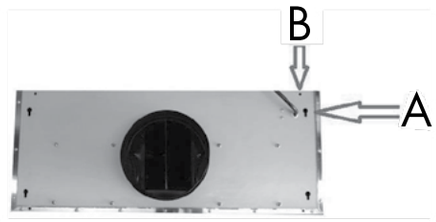




Lift the hood up and place it below the cabinet. Make sure to center the hood beneath the cabinet. Make sure that it is flush with the front of the cabinet.

NOTE: A cabinet or a car jack is highly recommended due to the weight of the hood.

STEP 7: SECURE THE HOOD TO BOTTOM CABINET



From inside of the hood, use the "hex bit extension." Place 1 ¼" screw (provided) into

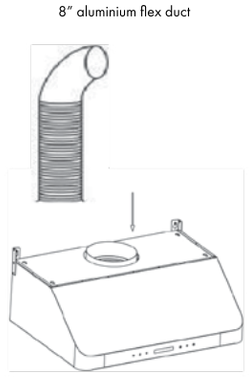
A. Each key hole

OR

B. Predrilled-holes

and secure to cabinet bottom. There are 8 holes (4 keyholes & 4 predrilled-holes) available. You can use either the key or predrilled-holes as long as there is a minimum of one screw at each corner of hood body.

STEP 8: CONNECT ALUMINUM FLEX DUCT AND DUCTWORK

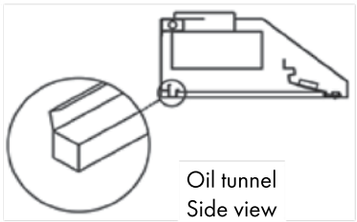


- 8" aluminum flex duct attaches to the hood directly
- Connect the aluminum flex duct to ductwork and wrap with aluminum tape to make all the joints secure and tight.

NOTE: The quality of the duct should meet the local law and fire prevention standards.

INSTALLATION
ALPINE UNDER CABINET MODELS

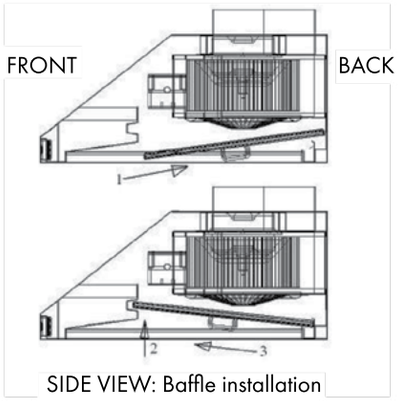
STEP 9: INSTALL OIL TUNNEL OR Grease cup (NOT AVAILABLE FOR ALL MODELS)



Oil tunnel
Side view

Drop oil tunnel into recess support near rear of hood. Refer to the image above.

STEP 10 INSTALL BAFFLE FILTERS



SIDE VIEW: Baffle installation

Install baffle filters. Refer to the image above for the following the first three steps:

NOTE: The middle filter has to be installed last where it should be taken out first when you want to remove other filters.

1. Angle baffle filter toward back of hood.
2. Lift the baffle filter up above horizontal level.
3. Slide forward into slot towards the front of the hood.
4. Slide the installed baffle filter to either left or right until it stops.
5. Repeat step 1 to 4 to install the next set. Make sure you slide to opposite direction from the previous installed filter.

To remove the baffle, please the process.

OPERATION
ALPINE UNDER CABINET MODELS

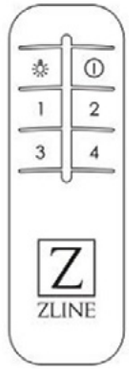


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MAINTENANCE AND CLEANING
ALPINE UNDER CABINET MODELS

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4. Pull the bulb straight out of the socket.
5. Align the new light bulb legs with the two socket base slot holes.
6. Press the new bulb inward into the socket. Press the bulb inward into the same position that you took the old bulb out from. Twist it clockwise as far as it will go and you can turn the lights back on.

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ALPINE UNDER CABINET MODELS

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	Check if duct is clogged or if damper unit is not opening properly. A tight mesh on a side wall cap unit might also cause restriction to the airflow.
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.
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The hood is nosier than normal	The damper was not opened
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	The smaller duct size than required is being used



1.1.0

ZLINE

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contact@zlinekitchen.com

www.zlinekitchen.com