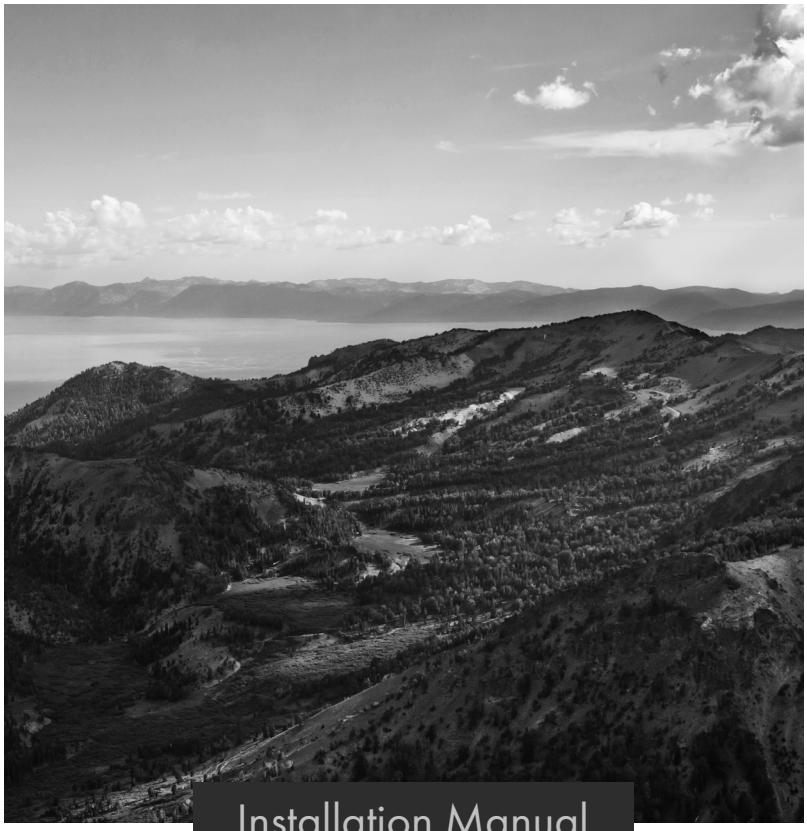
ZLINE

ATTAINABLE **LUXURY®**



Installation Manual

REMOTE BLOWER

www.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.

⚠ 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.

WARRANTY

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.

TERMS

This warranty applies only to the original purchaser of a range hood product installed for normal residential use. This is defined as a single-family, residential dwelling in a non-commercial setting.

WARRANTY

Commercial settings include but are not limited to: schools, churches, hotels, restaurants, vacation rentals such as Airbnb, day care 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 correction facilities. This warranty is non-transferable and will not be extended based on the date of installation. The warranty applies only to products installed in the contiguous United States and the District of Columbia.

Failure to secure certified warranty service per these terms will result in a forfeiture of the remaining warranty. Out of pocket payments will not be reimbursed unless prior approval is received from ZLINE Kitchen and Bath and/or our service contract partner. Unapproved out of pocket payments for service will not be reimbursed. All warranty procedures must be followed to maintain warranty coverage.

Warranty shall not apply and ZLINE Kitchen and Bath is not responsible for damage resulting from negligence, improper maintenance, misuse, abuse, alteration of or tampering with the appliance, accident, natural disaster, improper electric supply, flare-up fires, unauthorized service or repair, improper installation, or installation not in accordance with the instructions contained in the manual, or the local codes.

LIMITED LIFETIME WARRANTY

Lifetime motor warranty if purchased on or after January 2017.

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.

WARRANTY

This warranty covers all parts and labor for necessary repairs if any part of the product proves to be defective in materials or workmanship. The product must be deemed serviceable via troubleshooting with the ZLINE Kitchen and Bath service team. All service on ZLINE Kitchen and Bath range hood products under the above warranty must be performed by ZLINE approved and certified service, unless otherwise specified by ZLINE Kitchen and Bath. Service will be provided during normal business hours.

WHO IS COVERED

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

WHAT IS NOT COVERED

1. Installation or start-up, damages or problems caused by improper installation or use.
2. Service by an unauthorized service providers or damage related to unauthorized service or unauthorized parts.
3. Installation in any commercial or non-residential application.
4. Removal or re-installation cost.
5. Aesthetic damage, scratches, or natural wear caused by normal use.
6. Second-hand, open box products or products purchased from an unauthorized retailer.

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.

WARRANTY

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.

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.

NOTE: In the event that service is dispatched, and it is discovered that the reported issue is not covered under warranty based on the disclaimers above, the customer will be responsible for all service fees. Failure to pay these fees will result in the forfeiture of remaining warranty coverage.

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 must purchase additional items on your own to vent the hood in accordance with your local city and state specifications.

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IMPORTANT SAFETY INSTRUCTIONS



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.

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.

IMPORTANT SAFETY INSTRUCTIONS

- Ducted range hoods MUST ALWAYS be vented to the outdoors or in some instances converted to recirculate the air. All our remote range hoods do not have a transition piece, but come with a built-in damper at the ducting outlet. Some existing installations may already have an external damper. Please consult an HVAC or installation professional for advice to comply with local regulations.
- 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, oil container and grease-laden surfaces clean. Grease should not be allowed to accumulate on fan, baffle, spaces, filter, grease tunnel or oil container. 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.

IMPORTANT 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 metal 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.

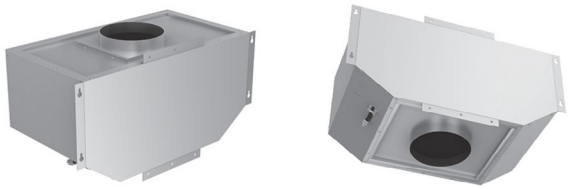
TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A STOVE TOP GREASE FIRE:

- 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.

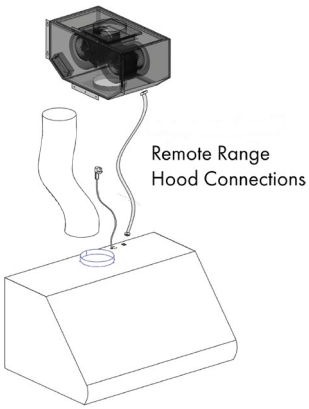
REMOTE BLOWER INSTALLATION

When installing your new remote blower type range hood, if so optioned, use the following instructions.

Make certain to connect the electrical cord to the hood and plug the blower motor in to test the unit.

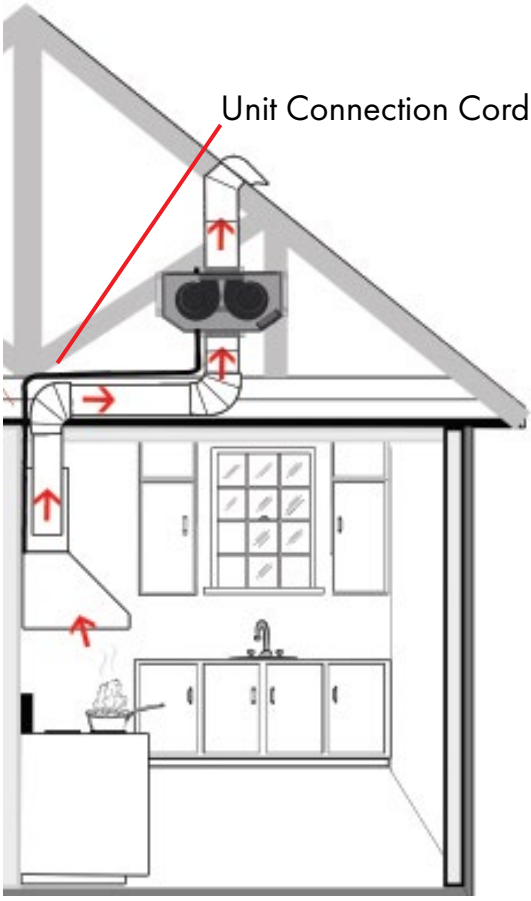


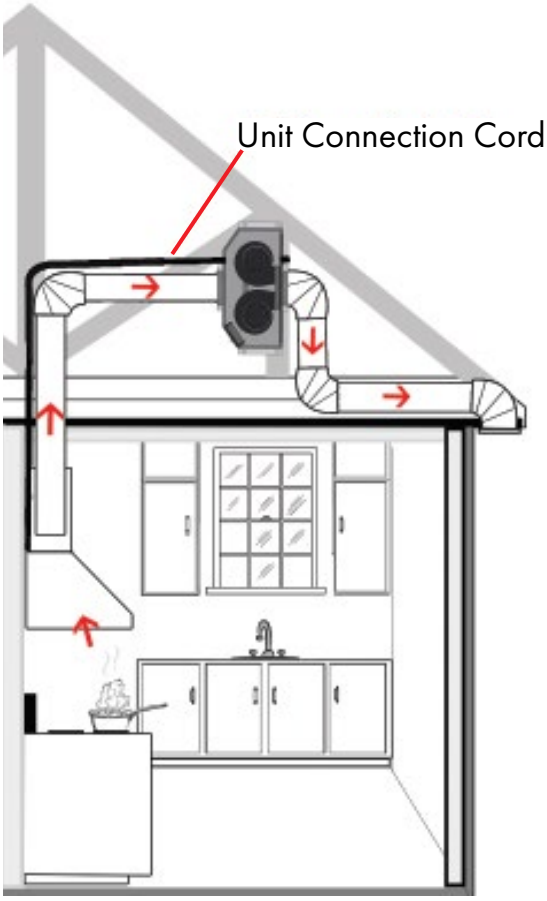
1. Run a maximum 40 foot length duct work into the area that you will install the remote from your range hood, taking into consideration the number of bends or elbows (see line 2).
2. For best ducting efficiency, use no more than 3 x 90° elbows. Each elbow will reduce the overall ducting length by 5 feet / elbow.
   EG. 2 x 90° elbows = 5 x 2 = 10 feet
   Maximum ducting length of 40 feet - 10 feet = 30 feet.
3. Fasten ducting to the range hood using a hose clamp and silver/duct tape.
4. Mount the remote blower to studs only.
5. Carefully run the remote connection cord from the remote, back to the top of the range hood, ensuring it does not come in contact with any sharp edges or overly strained.
6. Install a regular outlet with a 15 amp circuit.
7. The hood comes with a grounded 3 prong grounded plug. The remote connection cord is 26' long. NOTE: The connection cord, hardware, manual are shipped inside the remote motor housing.
8. Run duct work to the outside of the house and add a back draft damper outside.



NOTE: The remote blower must be kept inside the home, attic, or crawl space etc. Never try to install a remote blower outside of the home.

REMOTE BLOWER INSTALLATION





The Remote Blower is designed for our Remote Range Hoods. This unit is installed remotely in the interior of your home. This provides venting, but with reduced noise.

T85 Remote Blower—Single Motor

(This Blower must be used with Remote Blower Hood)

Airflow: 400 (CFM)

Noise Level: 1.2 / 2.6 / 4.2 / 6.5 (Sones)

Dimensions: 26.14 x 14.6 x 13

T95 Remote Blower—Dual Motor

(This Blower must be used with Remote Blower Hood)

Airflow: 280 / 460 / 670 / 700 (CFM)

Noise Level: 1.2 / 2.8 / 5.0 / 7.0 (Sones)

Dimensions: 26.14 x 14.6 x 13

TROUBLESHOOTING

Where are ZLINE products manufactured?

All ZLINE products are manufactured in ZLINE facilities overseas, including: Germany, Italy, and China.

Are ZLINE range hoods considered type 1 or type 2?

Type 1 - Range hoods that are used with appliances that produce grease and smoke.

Are ZLINE products meant for residential or commercial use?

Residential use.

Why is my range hood white?

This is a protective layer that is placed on all of our range hoods to prevent shipping damage. This should be easy removable by peeling it off.

Why are my range hood baffle filters blue?

This is a protective layer that is placed on our baffle filters to prevent shipping damage. This should be easy removable by peeling it off.

What size hood should I choose for CFM purposes?

1. You must determine the output of the cooktop burners of your range; this is measured in British Thermal Units (BTUs).
2. You should provide 100 CFM of airflow per linear foot of range. To determine this, divide the BTU rating of your range by 100. This will give you the rating of the Cubic Feet per Minute (CFM's) rating needed of your range hood. For example: If your range is 35,000 BTUs, your range hood should have a rating of 350 CFM's or greater.
3. To determine the size of the range hood for satisfactory capture, it is recommended to go at least one size larger than your range, about 3″ to 6″ wider. At minimum, it should be the same size of your range. The range hood width should cover 100% of the back burners and 50% of the front burners.
4. The height of your range hood should be between 30″ to 36″ above your cooktop. Example: 60,000 BTU's = 600CFM's

TROUBLESHOOTING

How loud is the range hood?

A sone is measure of loudness, the higher the sone rating, the louder the sound of the hood. The sound of one sone is comparable to that of a quiet refrigerator. Keep in mind that other factors such as the size of the blowers can affect the loudness of the range hood. The higher the CFM, the louder the sone rating will be.

Can my hood be ductless?

Ideally, it is better to duct your range hood to the outside, but if this is not possible, ductless is a great alternative. Many of our range hoods do have the capability to be converted to ductless. Ductless is when the air circulates through the carbon filter removing odors, grease, smoke etc. The clean air is re-circulated back into your home through carbon/charcoal filters. These filters are not reusable and will need to be changed out once every six months, depending on cooking style and frequency.

What type of stainless steel are our hoods made of?

Our indoor stainless steel hoods are made with a 430 stainless steel. Our outdoor hoods are made of 304 stainless steel. This type is stronger and more resistant to rust and corrosion.

Can I stain my unfinished hood?

No, unfinished hoods are only compatible with paint.

Do I need a chimney extension or a shortening kit when I purchase my hood?

Selected hoods come with one chimney piece for ceilings ranging from 9’ to 12’ tall. Ensure you check the chimney dimensions for your hood under the product specifications beforehand.

How many amps are produced on the highest fan setting?

For dual motors, it is up to 3.317 amps on the highest fan setting. For single motors, it is 1.678 amps.

TROUBLESHOOTING

What type of motor is in the range hoods?
Our hoods have a squirrel cage motor.

Is the width of my range hoods description, the actual size?
No, the actual size of the range hood will be slightly less than the generic description of the range hood. For instance: a 30″ range hood will most likely be 29-1/2″. Refer to your particular model for the exact width.

How do I clean my grease filter and how often?
Your grease filter should be washed with hot water and detergent once per month or placed in a dishwasher for cleaning. Make certain the filter is completely dry before reinstalling. Re-place the grease filter if it becomes damaged or too dry to clean.

Can I clean my charcoal, odor filter?
No, charcoal odor filters cannot be washed and must be discarded and replaced, when they become noticeably dirty, have stopped filtering the odors, or at least once per year.

What is the best way to duct my range hood?
To maximize your range hood's performance, match your duct size to the original size of the fan's ducting. Use the shortest amount of ducting as possible and keep the ducting as straight as possible. Do not exceed 40 feet of ducting. For every elbow deduct five feet from the total.

Do I have to exhaust the range hood to the outdoors?
Yes. If installing a range hood that has ductwork connected to it (any hoods that do NOT recirculate the air back into the room), to properly exhaust the air, be sure to duct the air out side. DO NOT vent exhaust air back into the spaces within the walls, ceilings, attics, crawl spaces, or garages. A buildup of humidity and grease could cause damage and/or a fire risk to your home.

TROUBLESHOOTING

My hood is operating, but the air is moving slower than normal.
Check the filter for buildup and clean or replace it if needed. If the difficulty still persists, check for obstructions in the ductwork. A common obstruction is buildup in the roof or wall cap, such as: bird nests or other debris.

What is make-up air?
When the range hood ventilates the air out of the room, the air vented must be replaced, this is called make-up air. We do not currently provide a make-up air unit. NOTE: 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).

How do I order replacement parts?
Replacement parts can be ordered by contacting our customer service department at 1-614-777-5004. All hoods have a three year warranty on parts. Have your model number or order number available when calling customer service.

How many devices can the Bluetooth speakers sync to at a time?
Only 1 device can sync at a time.

What is the decibel rating of the Bluetooth speakers?
Up to 100 decibels.

What is the range of the speakers? What's the maximum distance for the connection to work?
Up to 50 feet. If the connection is weak, move closer to the speakers or remove obstacles that are between the device and the speakers.

"ZLINE Audio" won't appear in the Bluetooth settings.
Check if the electrical connections are secure. A chime will sound if the connection is successful. If "ZLINE Audio" still will not appear, call ZLINE at 1-614-777-5004 for a replacement.

TROUBLESHOOTING

My range hood will not operate.

1. Check that there is power to the range hood. The most common issue is that the circuit breaker is off or the fuse has blown.
2. Make sure the speed has been selected at the range hood controls.
3. Turn off the power to the range hood and check that all wires are properly connected. Refer to your specific model's installation instructions for proper wiring.

My hood is making a rattling noise.

This is probably attributed to one of the following:

1. The motor is loose—Turn off the power and remove the filter and check that all screws are secure and tight around the motor.
2. The duct work connection is loose—Turn off the power to the unit and check that the ductwork connection to the pipe is tight. Add duct tape if necessary.

My range hood does not have power.

1. Check electrical connections.
2. Check that all connections to the circuit board are secure.
3. If problem still exists, please call our customer service line.

TROUBLESHOOTING

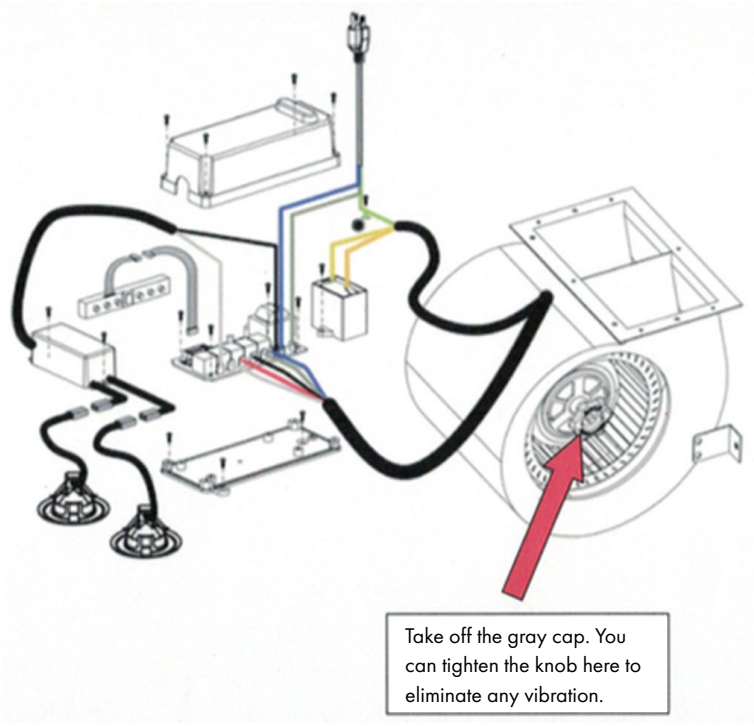
My range hood is not pulling.

- Was the unit plugged in and was the fan checked before installation?
- What distance is the hood mounted above the cook top?
    - Indoor (30"-36"), outdoor (36"-42")
- Is the range hood width the correct size for the cook top?
- Outdoor units should be at least 1 size larger, if not 2
- Does the hood have enough BTU output in relationship to either their gas or electric stove cook top?
    - BTU output per burner/100 - for gas
    - Wattage output per burner/10 - for electric
- Are the baffle filters or mesh filters installed correctly? When were they last cleaned?
- Is the ducting clear?
- Is the damper opening properly once the hood is turned on?
- Is there air coming off the top of the hood?
- Is there air coming out of the upper chimney section?
- When tissue is placed on the baffle filters under the hood, does it hold the tissue?
- How many elbows and how long is the ducting run?
    - Should be no more than 2-3 elbows and no more than a 40 foot run to exit, for every elbow subtract 5 feet
- Is the air recirculating? When were the carbon filters last changed?
    - The carbon filters need changed every 3-6 months based on your cooking habits.

TROUBLESHOOTING

Noisy Motor

- Were the fan speeds checked fan speeds prior to installation?
- Is the ducting clear?
- Check to make sure motor is attached to housing
- Is the backdraft damper on the transition piece functioning properly? Does it open when the hood is engaged?
    - If it is stuck, it will sound like motor noise but it's really the damper
- Was a damper installed on the roof or side vent?
    - Check that the damper is fully functioning by engaging the hood and checking if it opens and closes properly
- If the motor is accessible, the motor knob can be tightened.



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

1.0.0

zlinekitchen.com

1-614-777-5004

contact@zlinekitchen.com

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