VICTORY

TWISTER

Quiet and Powerful Performance



WALL MOUNT RANGE HOOD

INSTALLATION GUIDE AND USER MANUAL

NOTICE: For residential use only.
Installer: Leave this guide with the homeowner.
Homeowner: Keep this guide for future reference.

for United States and Canada

Conforms to UL 507

CSA C22.2 No. 113
Certified to CSA Standards

Rev.20260915

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- IMPORTANT SAFETY NOTICE -

READ ALL INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS APPLIANCE

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.

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:

- 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, two-person installation is recommended.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they DO NOT play with the appliance.
- There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels.
- DO NOT Flambé under the range hood.
- CAUTION: Accesible parts may become hot when used with cooking appliances.
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).
- The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood. (When the range hood is located above a gas appliance, this distance shall be at least 25 inches (65 cm). If the instructions for the installation for the gas hob specify a greater distance, this must be considered. The distance of 25 inches (65 cm) can be reduced for:

    a. non-combustible parts of range hoods, or

    b. parts operating at safety extra low voltage provided these parts do not give access to live parts if deformed);

    c. regulations concerning the discharge of air must be filfilled. If the range hood is only intended to be installed over the hob with no more than four hob elements this shall be stated.

- IMPORTANT SAFETY NOTICE -

READ ALL INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS APPLIANCE

The safety alert symbol, below, is the symbol which alerts you to potential hazards that can hurt you and others. All safety messages will follow the safety alert symbol and the word “WARNING”.

⚠ WARNING

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

- Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- DO NOT use this fan with any Solid-State Speed Control Device.
- DO NOT operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- DO NOT use Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. parts made at home using a 3D Printer).
- 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.
- 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 and/or garages.
- Ducted fans MUST always be vented outdoors.
- Sufficient air is needed for proper combustion and exhausting of gases through the duct to prevent back drafting.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance 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 – 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 cord is too short, have a qualified electrician install an outlet near the appliance.
- When cutting or drilling into wall or ceiling, be careful not to damage electrical wiring or other hidden utilities.
- All electrical wiring must be properly installed, insulated and grounded.
- 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 the vendor.

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

- IMPORTANT SAFETY NOTICE -

READ ALL INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS APPLIANCE

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

- Always use appropriate cookware and utensils size.
- Always use cookware appropriate for the size of the surface element.
- Old duct work should be cleaned or replaced if necessary to avoid the possibility of a grease fire.
- Clean ventilating fan frequently. Keep spacers, filters, grease tunnels, oil containers and grease-laden surfaces clean. Grease should not be allowed to accumulate on fan, baffle, spaces, filter, grease tunnel and oil container.
- Clean grease laden surfaces frequently.
- Always turn range hood ON when cooking at high heat or when cooking foods that produce flames.
- 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.
- 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.
- NEVER PICK UP A FLAMING PAN - You may be burned.
- DO NOT USE WATER, including wet dish-cloths or towels - a violent steam explosion will result.
- Use an extinguisher ONLY if:
  a. You know you have a Class ABC extinguisher, and you already know how to operate it.
  b. The fire is small and contained in the area where it has started.
  c. The fire department is being called.
  d. You can fight the fire while having access to a safe exit.

WARNING – TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A GAS LEAK:

a. Extinguish any open flame.
b. DO NOT turn on the range hood fan or any type of ventilator.
c. DO NOT turn on the lights or any type of appliance.
d. 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***.

The manufacturer and/or distributor/reseller declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product.

The manufacturer and/or distributor/reseller further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

The manufacturer and/or distributor/reseller will not be held responsible for any damages to personal property or real estate or any bodily injuries whether caused directly or indirectly by the range hood.

ELECTRICAL REQUIREMENTS

IMPORTANT: Observe all governing codes and ordinances.

It is the customer's responsibility:
- To contact a qualified electrician
- To 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 120-Volt, 60 Hz, AC-only, fused electrical supply is required on a separate 15-amp circuit.
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 this Installation Guide 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:
**** National Fire Protection Association***
Batterymarch Park
Quincy, Massachusetts 02269
***** CSA International***
8501 East Pleasant Valley Road
Cleveland, Ohio 44131-5575

⚠ WARNING
Hazard of electrical 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.

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** use 4” or 5” laundry-type wall caps. Use a 6” or larger Wall/Roof Cap.
- Use metal/aluminum vent only. We recommend using Rigid instead of Flex duct.
- Always keep the duct clean to ensure proper airflow.

For the most efficient & quiet operation:

- It is recommended that the range hood be vented with a 6” or bigger round metal/aluminum vent work.
- The size of the vent should be uniform.
- Use no more than two 90° elbows.
- Make sure there is a minimum of 24” (61 cm) of straight vent between the elbows if more than one elbow is used.
- DO NOT install two elbows together.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.
- Use aluminum foil tape to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.
- Use 45 degree elbows instead of 90 degree elbows when possible.

IMPORTANT:

- A minimum of a 6” round duct (standard for this range hood) 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 compute total available duct run when using elbows, transitions and caps.
- ALWAYS, when possible, reduce the number or transitions and turns in the duct run. If a long duct run is required, increase the duct size from 8” to 10”. DO NOT USE REDUCERS: Always keep the size of the duct the same (*reducing the duct size will restrict airflow, decrease efficiency, reduce the CFM of the hood and increase the noise).*
- 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 24-inch*.
- Maximum mount height between stove top to hood bottom should be no higher than 30-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.

Minimum Duct Size:

- Round - 6” minimum
- Round - 8” alternate (recommended for back venting)

CALCULATING VENT SYSTEM LENGTH

To calculate the length of the duct system you require, subtract the equivalent feet for each “Duct piece” (Table Below) used in the system from the “Recommended maximum run” (Table Below). The longest duct run that is acceptable (if completely straight) is 50 feet. The number of duct pieces (elbow, transition, etc.) installed in your duct run will determine the maximum length the duct run can be. Please refer to the example below:

Duct Run Calculation:	
Recommended maximum run	
6” or 8” round duct	50 ft
Vent piece deduction	
Each 90º elbow used	9 ft
Each 45º elbow used	5 ft
Each Round - Rectangle transition used	7 ft
Side wall cap with damper	7 ft
Roof cap	7 ft

Duct Run Calculation example:

One roof cap, two 90º elbows, and one 45º elbow used:

7ft + 9ft + 9ft + 5ft = 30ft used.

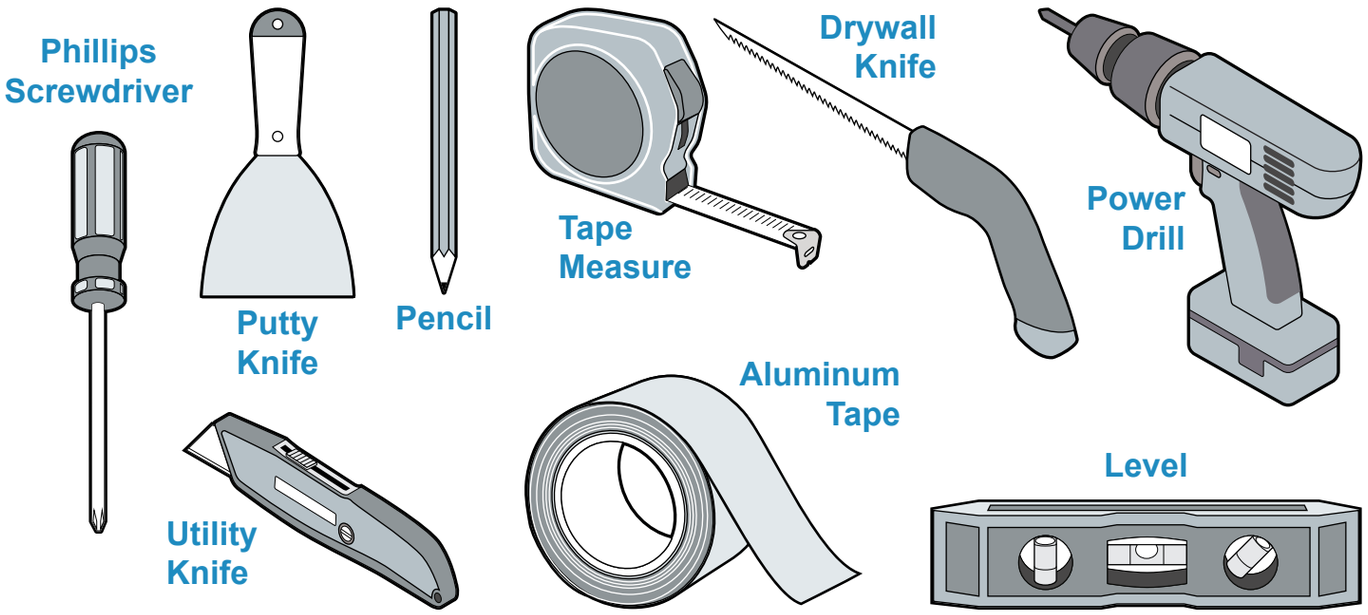
The above vent pieces used are equivalent to 30ft of a straight duct run. Subtract 30ft from the allowable 50ft. The remaining distance of 20ft is the longest that the straight ducting (in addition to the vent pieces) can be.

SPECIFICATIONS

Body	Stainless Steel (19 gauge)
Power Rating	120V/60Hz (USA & Canada standard)
General Input Power	170 W (160W + 4 x 2.5W)
Motor Input Power	160 W
Motor Revolution	800 RPM (±10%) to 1500 RPM (±10%)
Levels Of Speed Control	4 Levels
Maximum Airflow	600 CFM/ 750 CFM (when 8” duct is used)
Air Pressure	150 Pa (200 Pa Maximum)
Noise Level (sone)	(Lowest to Highest Speed) Approximately 0.7 to 6.0 for 6” duct, 0.7 to 4.5 for 8” duct
Motor Type	Single Chamber Ultra Quiet (Metal blades)
Fan Type	Centrifugal
Control Type	Rotary Mechanical Switches
Filtration Type	Stainless Steel Baffle Filters and Grease Tunnel
Illumination	4 x 2.5W or 6 x 2.5W GU10, 12V Dimmable LED
Ducting Size	Top or Back 6” or 8” Duct
Warranty	5 YEARS (parts warranty)

Subject to change without notice, please contact your local reseller for details.

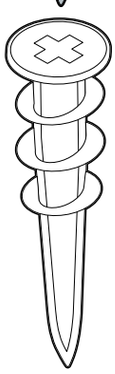
REQUIRED TOOLS



PARTS SUPPLIED



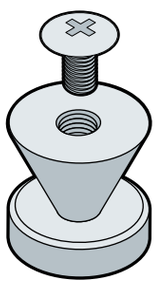
Anchor Screw (x2)



Self-Drilling Plastic Drywall Anchor (x2)



M4 - 4mm Big Head (x14)

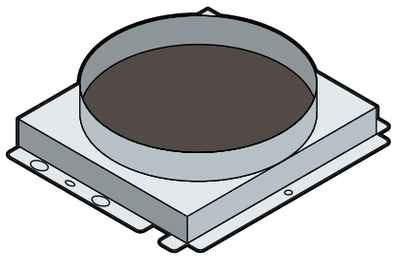


M4 - 4mm standard with Circular Knob Handles for the Baffle Filters
Models 30, 36 (x4)
Models 42, 48 (x6)

NOTE:
Where necessary, additional screws will be needed for installation and added support, but is not included. Please review contents before installation.

PARTS SUPPLIED (Continued)

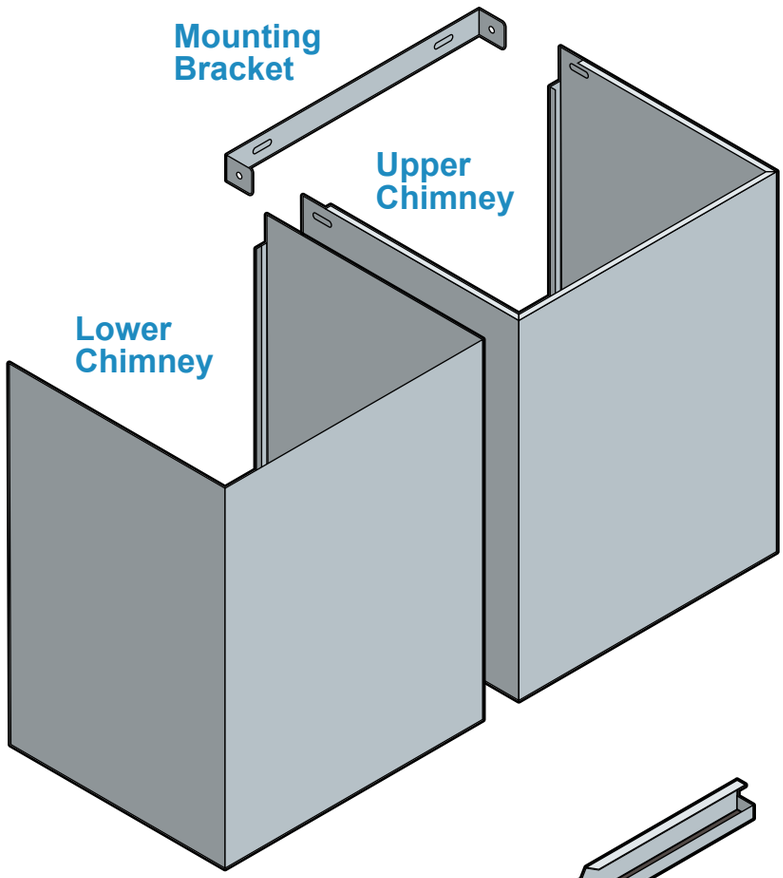
Ø - 8” Transition



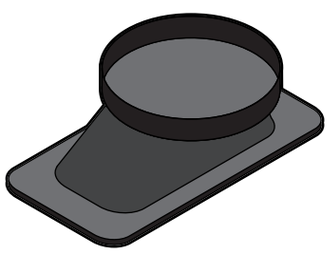
Mounting Bracket

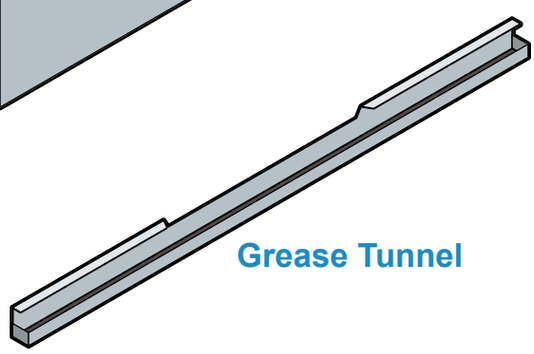
Upper Chimney

Lower Chimney

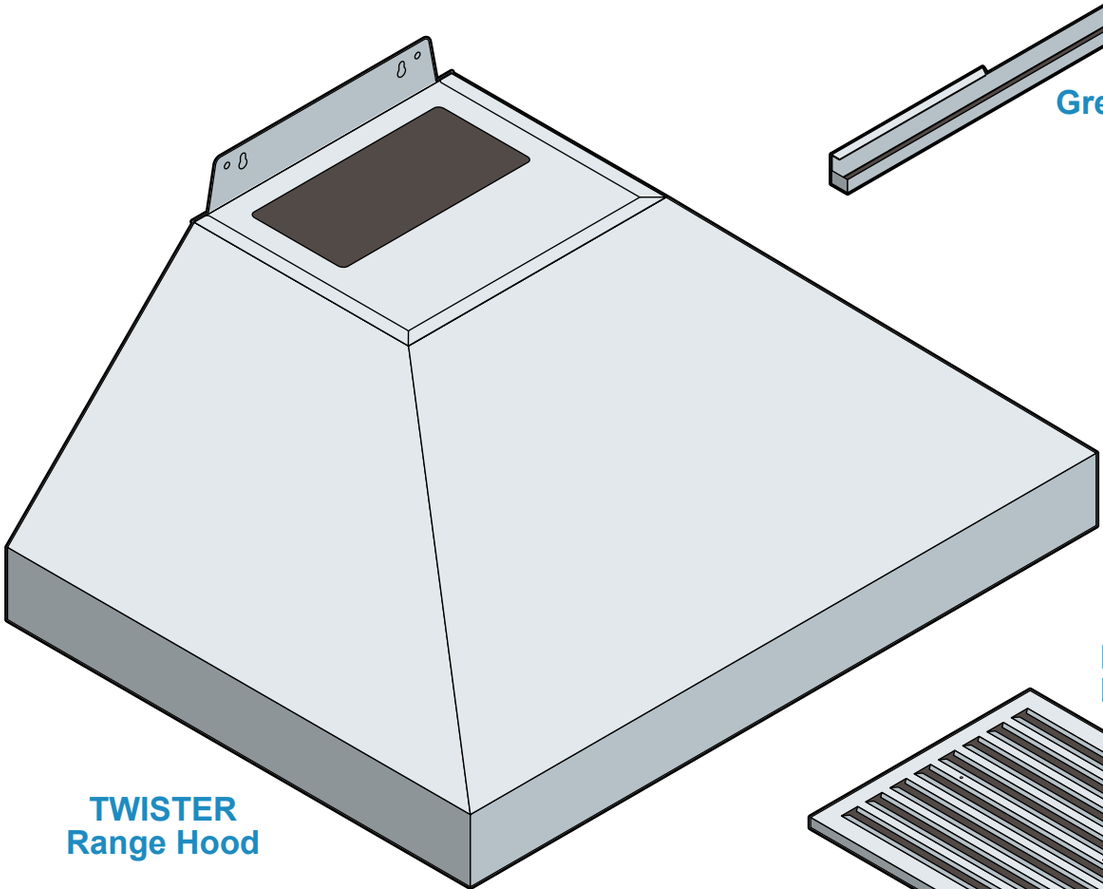


Ø - 6” Transition



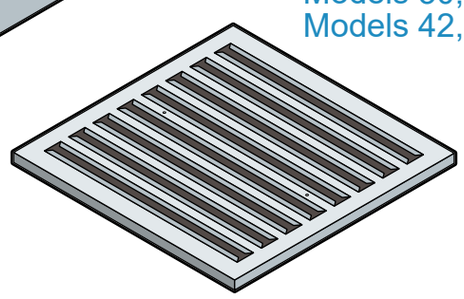


Grease Tunnel

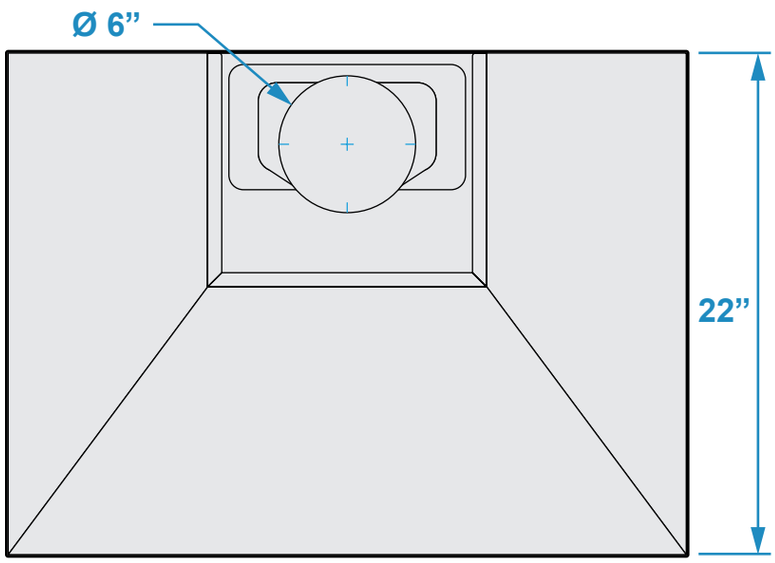


TWISTER Range Hood

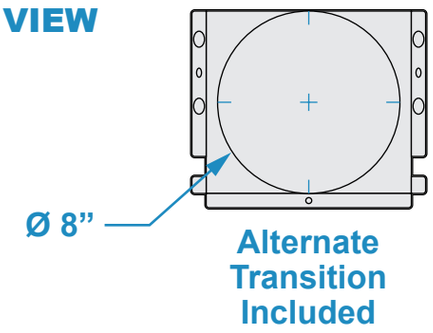
Baffle Filters
Models 30, 36 (x2)
Models 42, 48 (x3)



DIMENSIONS



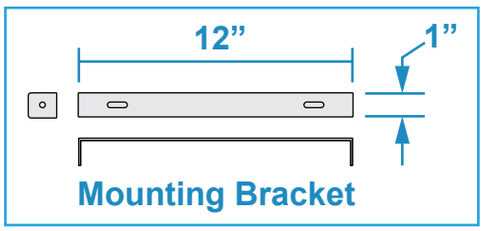
TOP VIEW



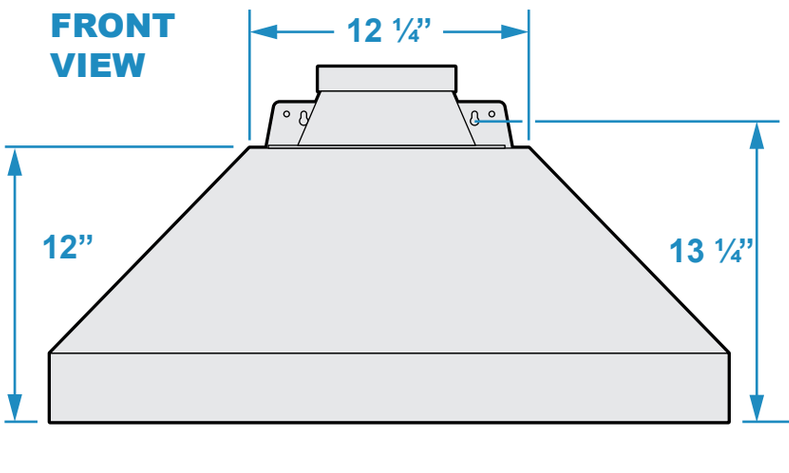
Alternate Transition Included

Available Sizes:
29 ¾”, 35 ¾”, 41 ¾”, 47 ¾”

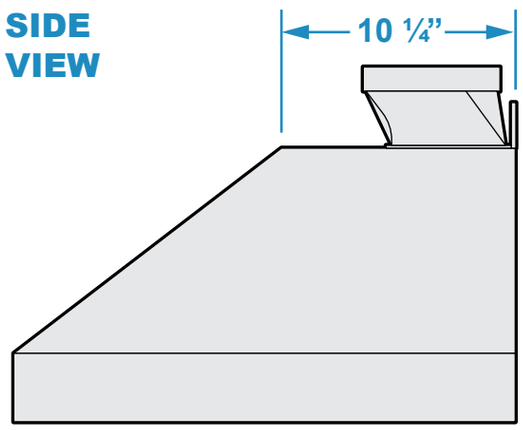
Model shown is the **TWISTER - Model 30**

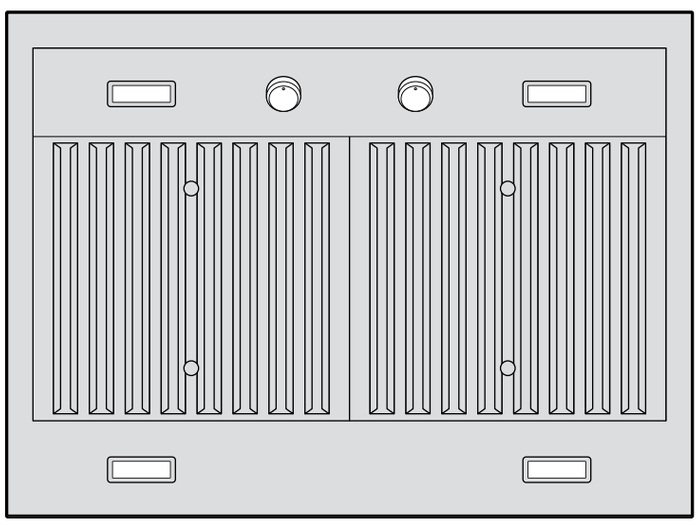


FRONT VIEW



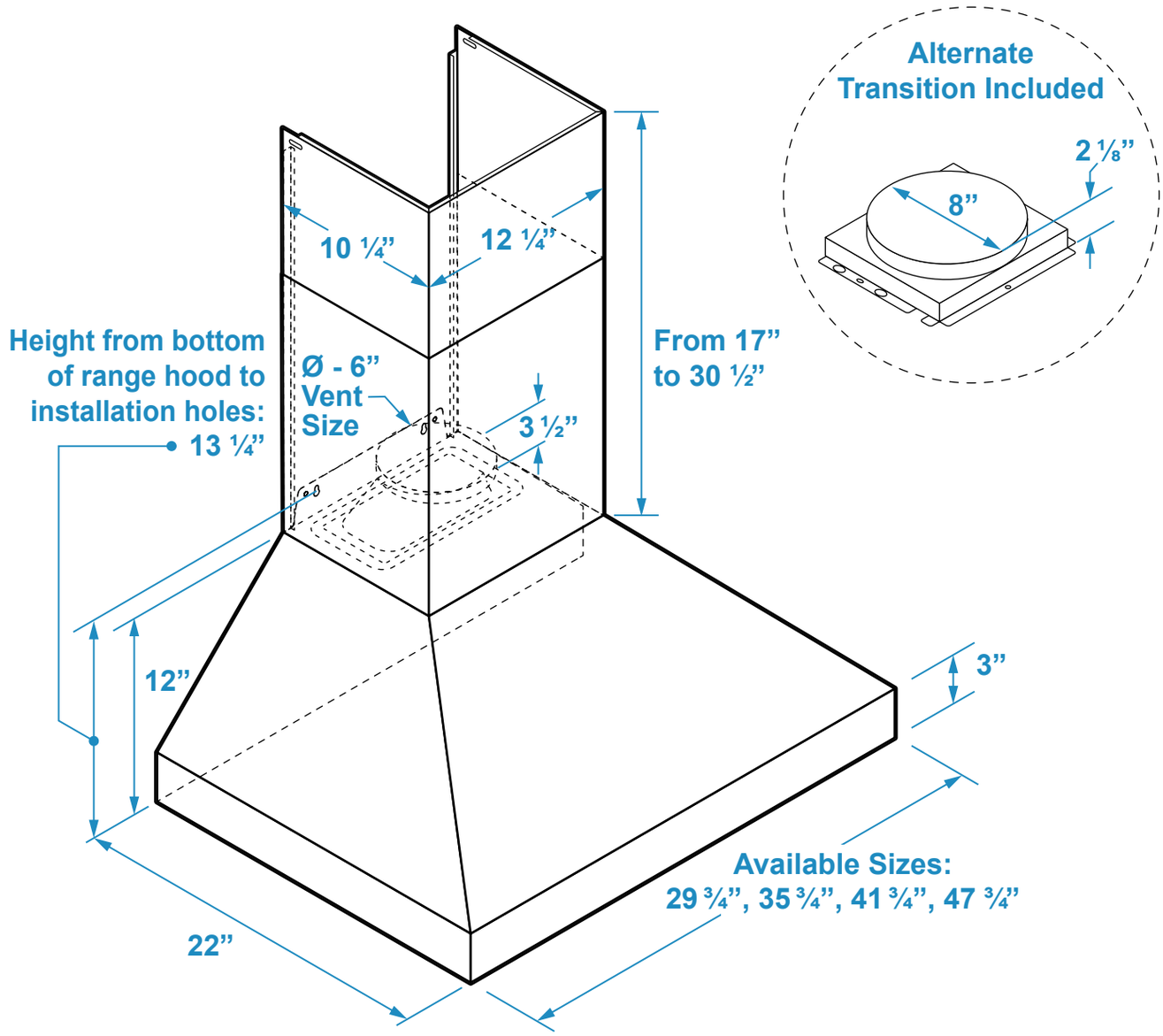
SIDE VIEW





BOTTOM VIEW

DIMENSIONS (Continued)



RANGE HOOD OPERATIONS

This range hood is equipped with 2 rotary switches:



LIGHT SWITCH:
Rotate the switches clockwise to switch the lights ON. The light switch allows you to control the intensity of the light via rotary dimmer.



BLOWER SWITCH:
Rotate the switches clockwise to switch the blower ON. The switch has 5 positions: OFF, SPEED 1,2,3,4.

PREPARATION

⚠ WARNING ⚠

Severe Injury

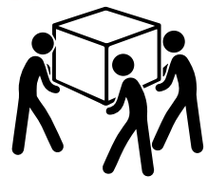
Hood may have very sharp edges. Please wear protective gloves if it is necessary to remove any parts for installing, cleaning or servicing.



⚠ WARNING ⚠

Heavy Object

Require three or more persons to move and install this range hood. Spinal or other bodily injuries could occur if it is not followed.



BEFORE INSTALLING THE RANGE HOOD, CHECK FOR PHYSICAL DAMAGES.
THIS RANGE HOODS COMES WITH A WIRE AND PLUG.
TEST THE HOOD BEFORE INSTALLATION.

If there is a grinding noise coming from the motor, **DO NOT INSTALL IT**, contact us as soon as possible.

Advanced Preparations:

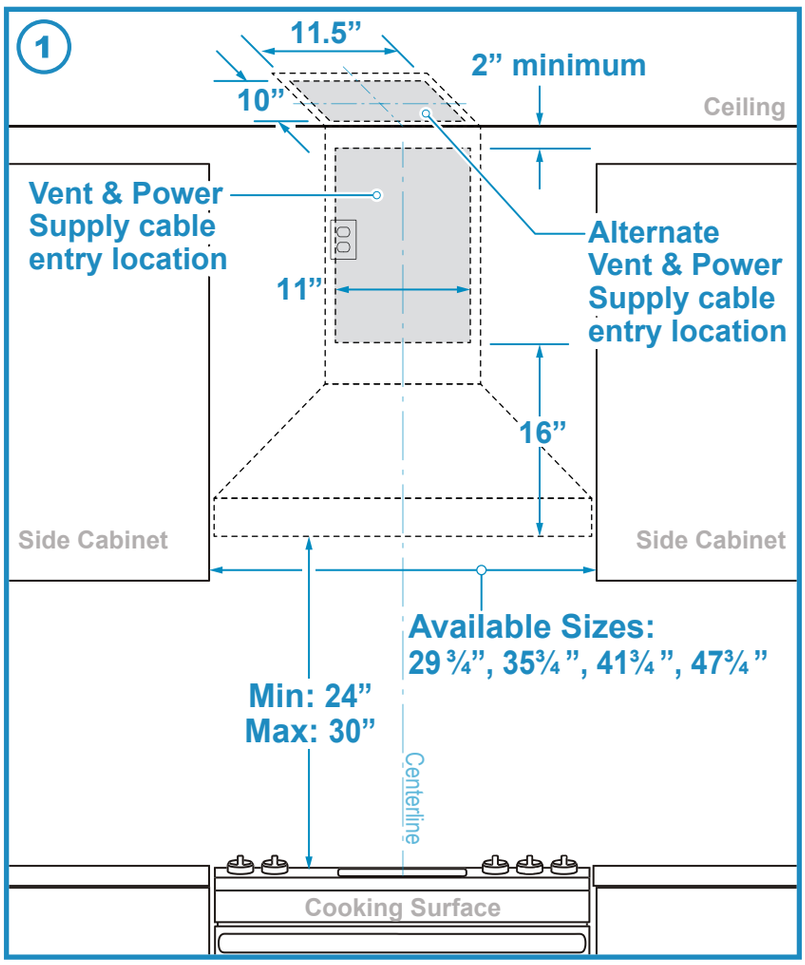
1. Read the entire installation guide and users manual thoroughly, understand instructions and warnings.
2. Be familiar with the controls of the range hood.
3. Place the range hood on a flat, stable surface. Connect the range hood to a designated standard outlet (please refer the product label for the suitable voltage of this unit) and verify no debris has entered the duct openings, then turn on the range hood.
4. Place all supplied parts and required hardware on a flat, stable surface and verify the existence of all supplied parts.
5. Carefully remove the white/blue plastic protective coat from the chimney covers and range hood if any.

Preparations:

NOTE: To avoid damage to your hood, preduct debris from entering the duct opening.

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 duct.
2. Due to the weight and size of this unit, please make sure that the support system or framework being used is stable and secure in the ceiling.
3. Put a thick, protective covering over counter top, cook top or range to protect from damage or dirt. Remove any hazardous objects around the area when installing.
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 duct.
5. Use caulking to seal exterior wall or roof openings.
6. Disconnect main electrical supply, prepare and run electrical wiring through ceiling. 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 baffle filter and grease tunnel.
8. Set aside the stainless steel baffle filters and grease tunnel until the range hood is properly installed.

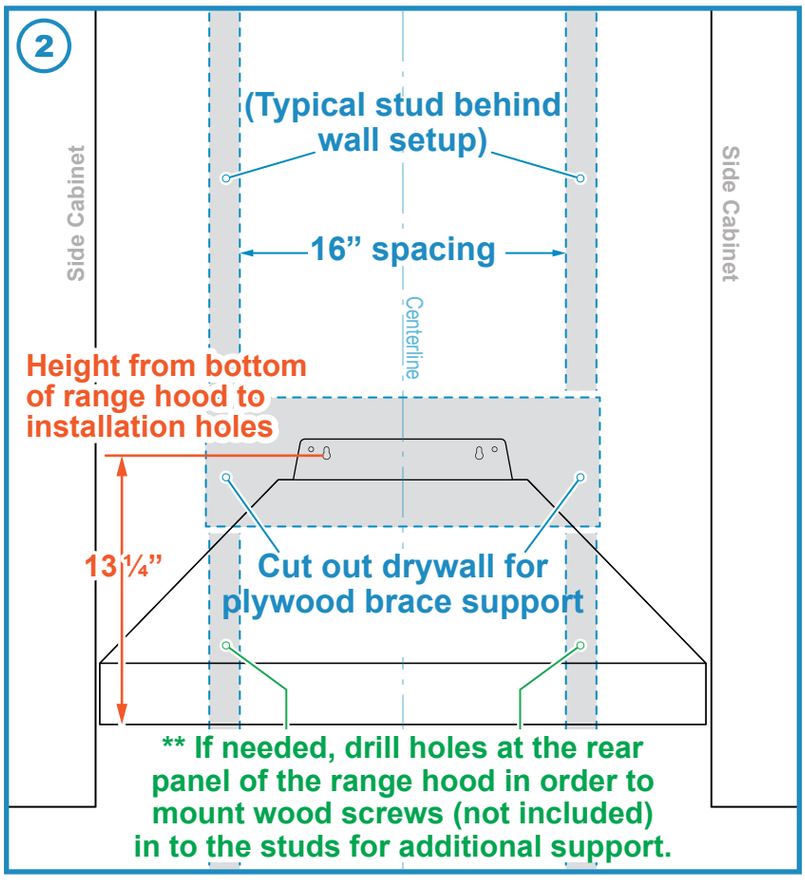
ROUGH-IN



Measure the distance between the stove top and the bottom of range hood. A distance of 24” to 30” is recommended*.

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

(Fig 1) Identify where your vent, duct and power supply cable in relation to your range hood. And if you have cabinets flanking the area of the hood range placement, make sure the width can accommodate the installment.

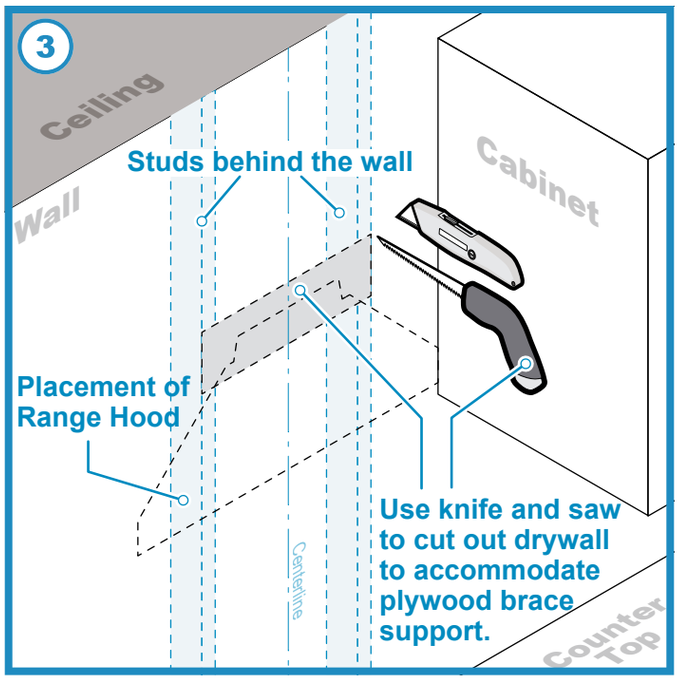


(Fig 2) Based on the placement of your hood range, you will need to locate and mark your studs in the wall (using a stud finder), in order to prepare a plywood brace to support your range hood.

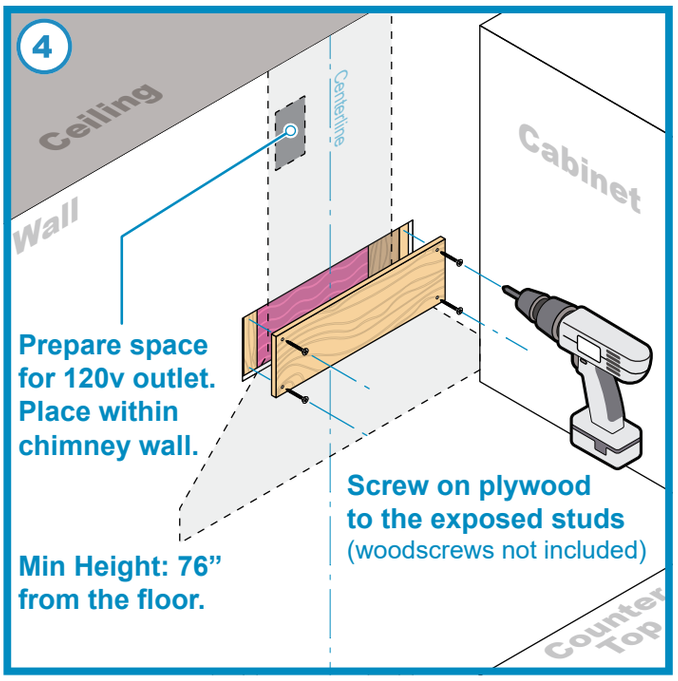
****Drill holes at the rear panel of the ranget hood in order to mount wood screws (not included) in to the studs for additional support.**

NOTE: DO NOT USE threaded drywall anchors to support the hood when mounting the hood on sheetrock. Mounting the hood on wall studs or lumbars is highly recommended.

ROUGH-IN (Continued)

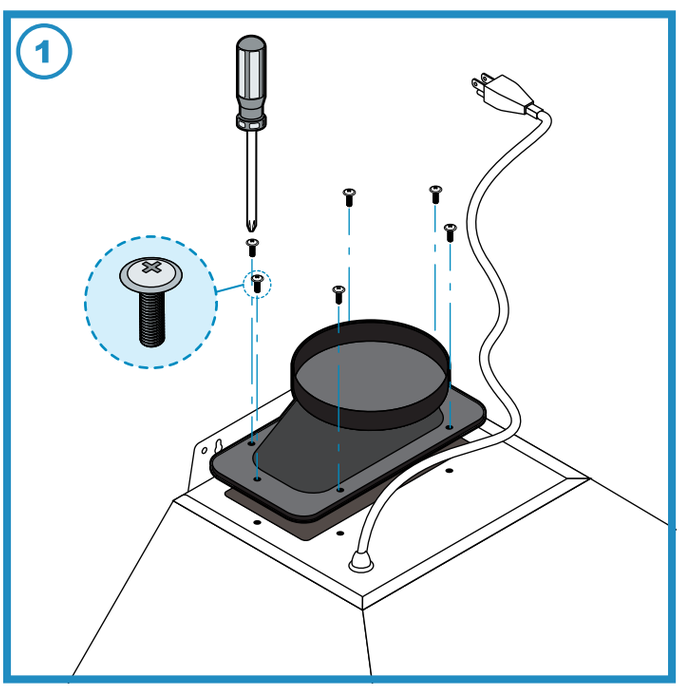


(Fig 3) Use knife and saw to cut out drywall to accommodate a plywood brace support. **The inserted plywood should be the same depth as the drywall slab it is replacing.**



(Fig 4) Screw on plywood to the exposed studs (woodscrews not included). Prepare space for 120v outlet. Place within chimney wall, hidden from view. Min Height: 76” from the floor.

INSTALLATION



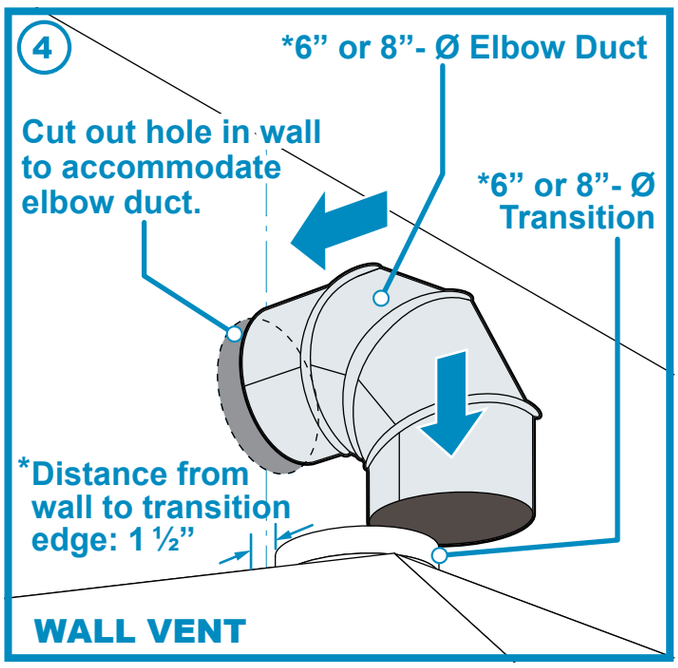
(Fig 1) Use M4 - 4mm big head screws to fasten on 6”-Ø transition (or the 8”-Ø transition included) to the opening of the fan motor exit.

INSTALLATION (Continued)

NOTE: DO NOT USE threaded drywall anchors to support the hood when mounting the hood on sheetrock. Mounting the hood on wall studs or lumbars is highly recommended.

CAUTION: Make certain the range hood is secure before releasing!

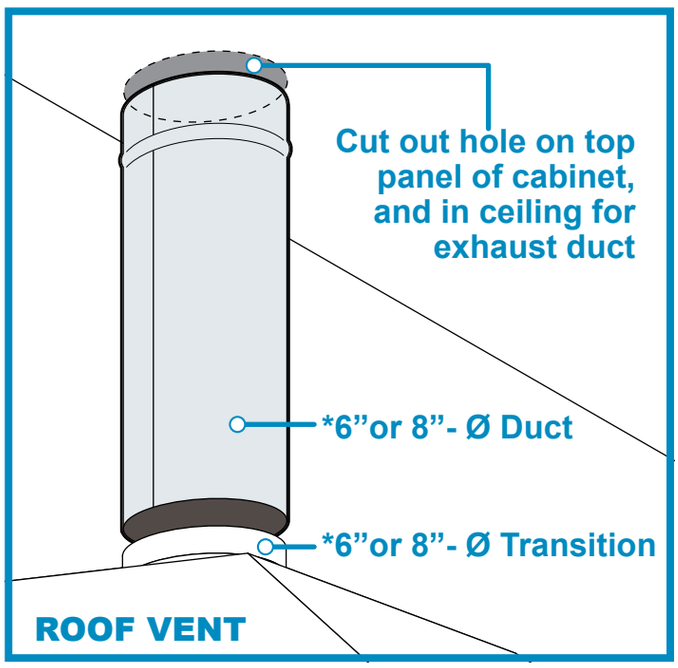
For safety purpose, pre-drilled mounting holes are provided through the back of the hood. For a more secure installation, use as many mounting holes as needed to secure from the inside of hood.



(Fig 2) Apply spackle in between spaces of the plywood and drywall seamlessly. Sand down any rough spackle to smooth out. Paint area if required.

Use the drywall plastic anchors and metal screws to install the mounting bracket to prepare for the upper chimney.

**Fasten #8 2-½“ woodscrews (not included) to mount onto the plywood based on your earlier measurements already established.



(Fig 3) ***If added support is needed, from the inside rear panel of the range hood, fasten #8 2-½“ woodscrews (not included) to mount into the studs based on your earlier measurements already established.

Connect the range hood to a designated standard outlet (please refer to the product label for the suitable voltage of this unit). Check the fan motor and lights are functioning.

SAFETY WARNING: Risk of electrical shock. this range hood must be properly grounded. Make sure this is done by qualified electrician in accordance with all applicable national and local electrical codes. Before connecting wires, switch power off at service panel and lock service panel to preduct power from being switched on accidentally.

⚠WARNING

Hazard of electrical 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.

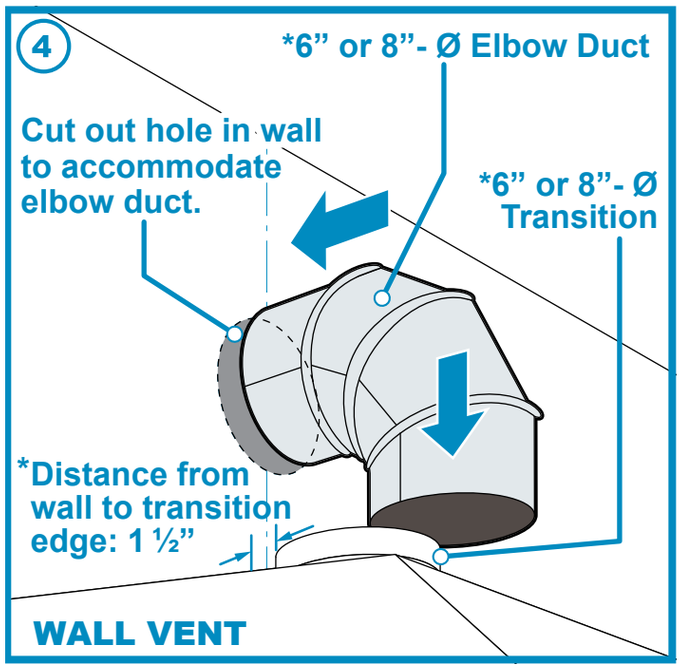
⚠WARNING⚠

Severe Injury

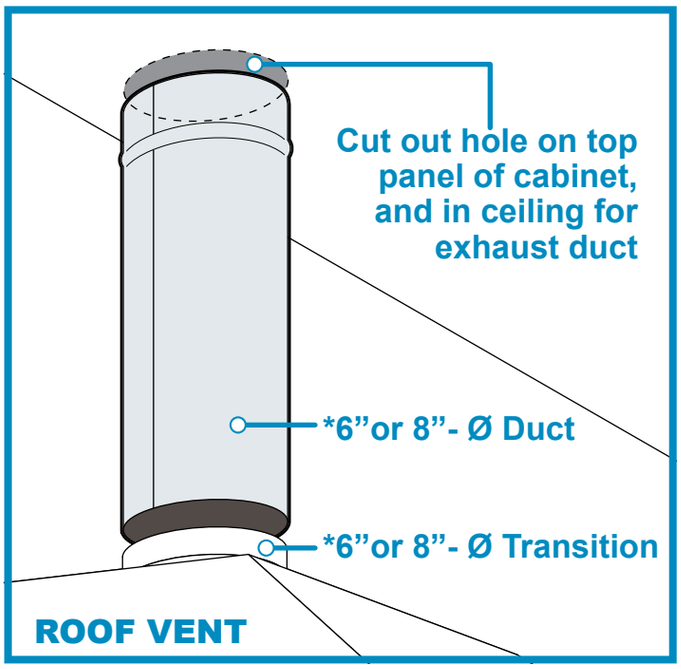
Moving fan blades. Keep hands clear to avoid injury



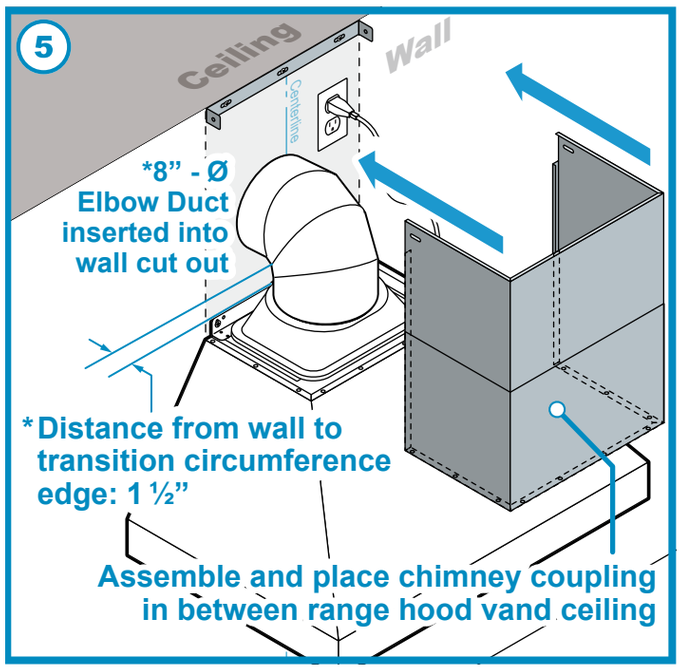
INSTALLATION (Continued)



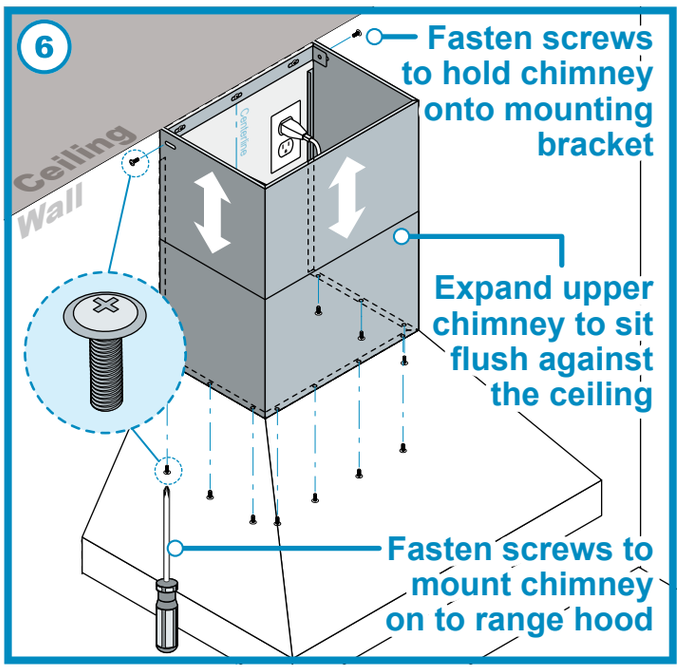
(Fig 4) ***Distance from wall to transition circumference edge for 8” - Ø Transition will be ¾”. Use 8” round steel pipe if you choose to use the 8” - Ø Transition. Example above is for the 6” round transition.***



Use 6” round steel pipe to connect the 6” round exhaust on the hood to the duct work above. Use aluminum tape to make all joints secure and air tight. ***Use 8” round steel pipe if you choose to use the 8” - Ø Transition.***



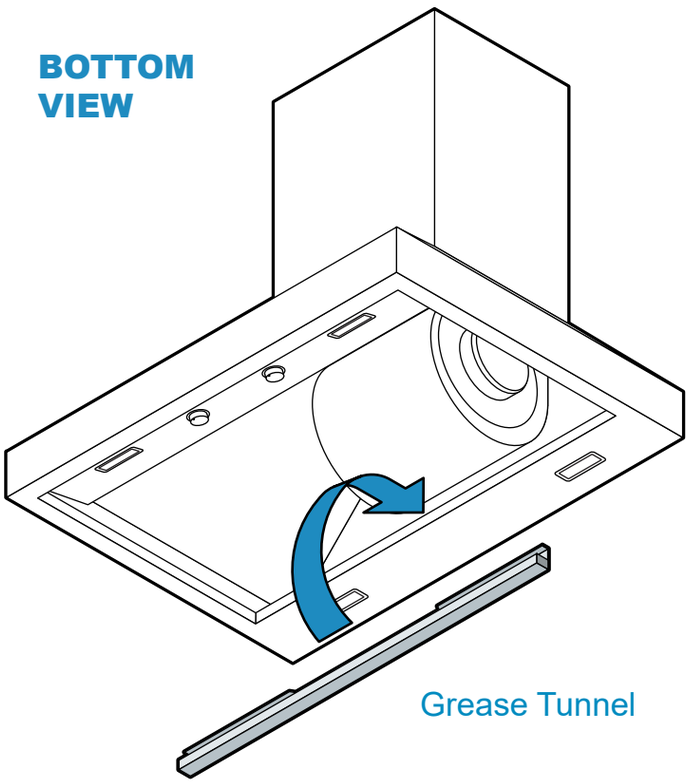
(Fig 5) Install both chimneys and tighten screws to secure the lower chimney to the range hood. ***Distance from wall to transition circumference edge for 8” - Ø Transition will be ¾”***



(Fig 6) **To avoid scratching the chimney, extend the upper chimney slowly and carefully** to the chimney-mounting bracket and tighten screws.

INSTALLATION (Grease Tunnel & Filters)

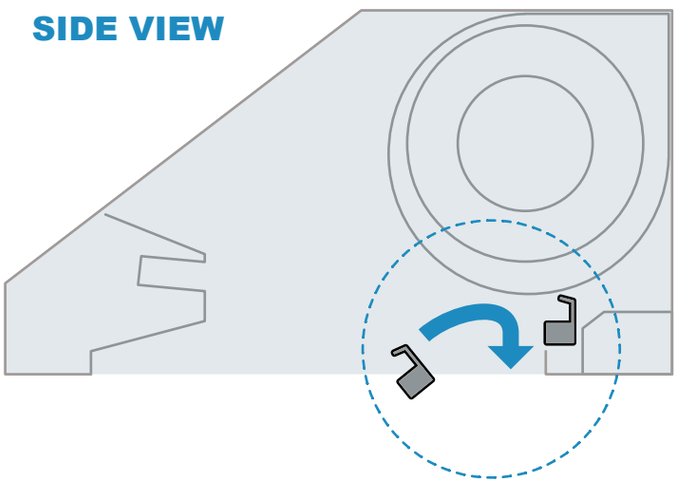
BOTTOM VIEW



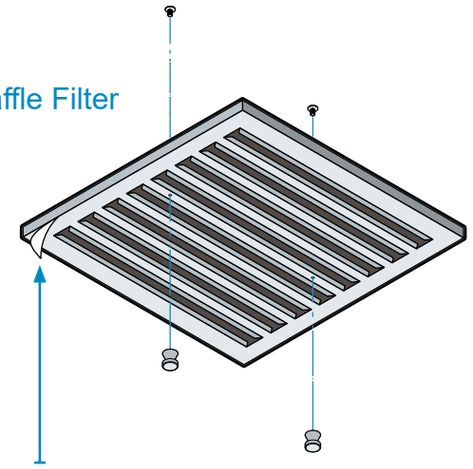
Grease Tunnel

Place Grease Tunnel into the hood opening and insert into slot holding, as shown above and below.

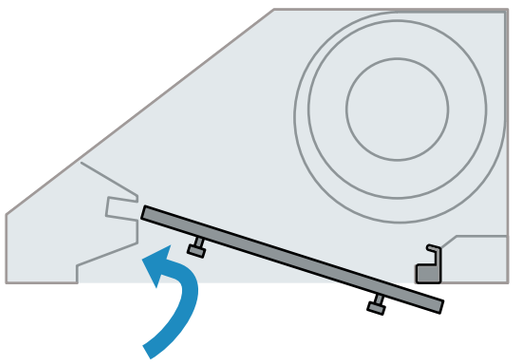
SIDE VIEW

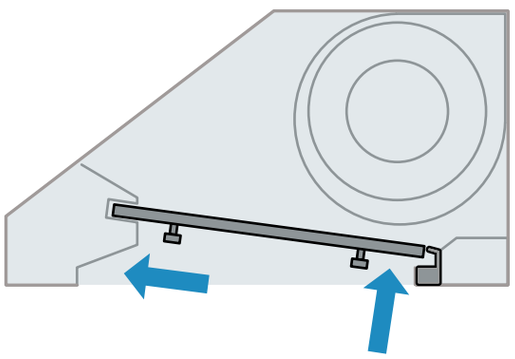


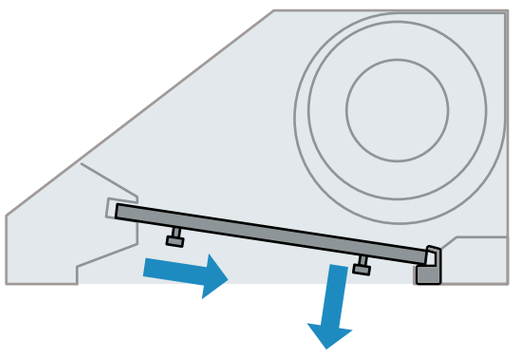
Baffle Filter



Peel off protective film from front, prior to fastening screws to handle knobs.





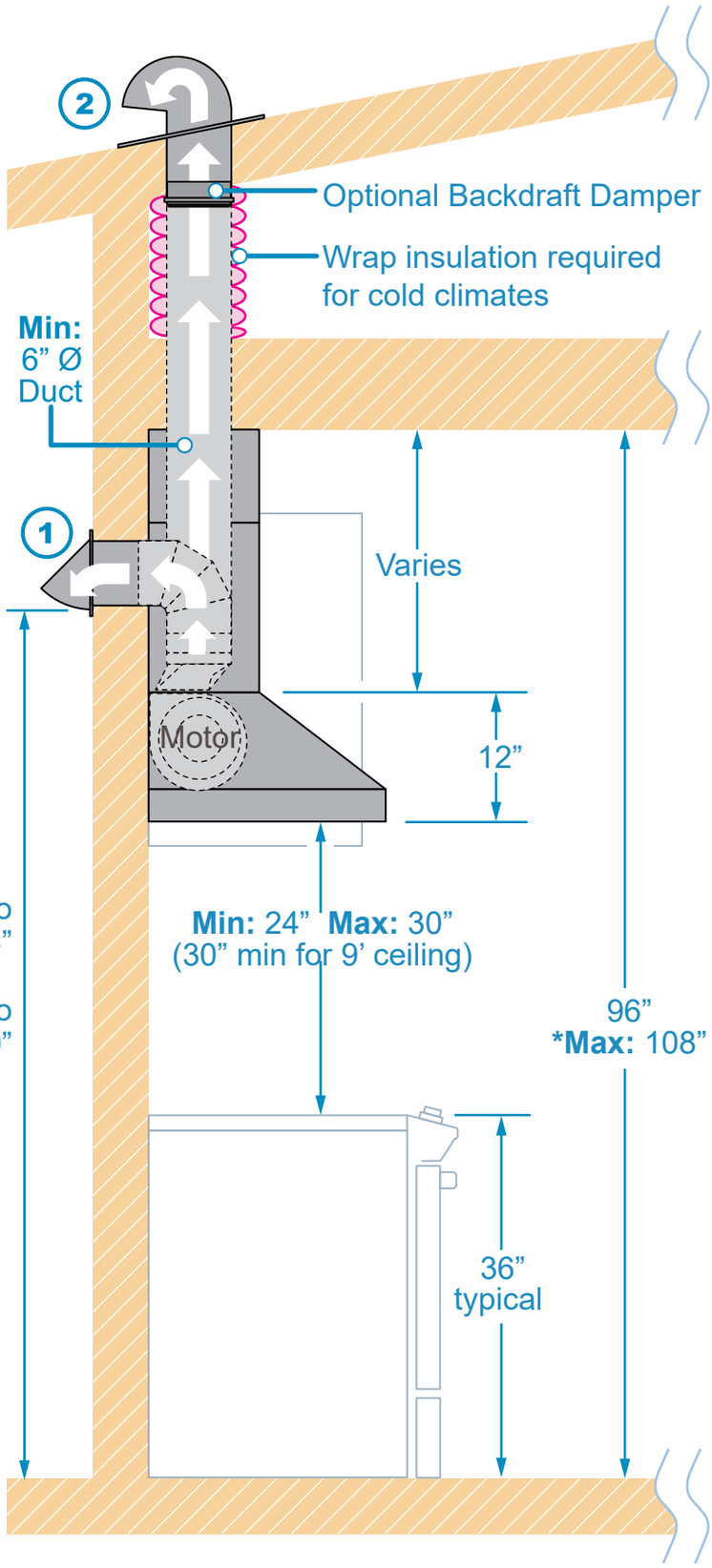


VENTING METHODS (side view)

This range hood is factory set for venting through the roof or wall. Duct work can terminate either through the roof or wall. To vent through a wall, a 90° elbow is needed.

IMPORTANT:

- NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be vented to the outside.
- Use metal/aluminum duct work only.
- Fasten all connections with sheet metal screws and tape all joints with certified Aluminum Tape.
- Use caulking to seal exterior wall or roof opening around the cap.
- Colder climates require wrapping insulation around the ducts and optional blowers.
- The system must have a Backdraft Damper.



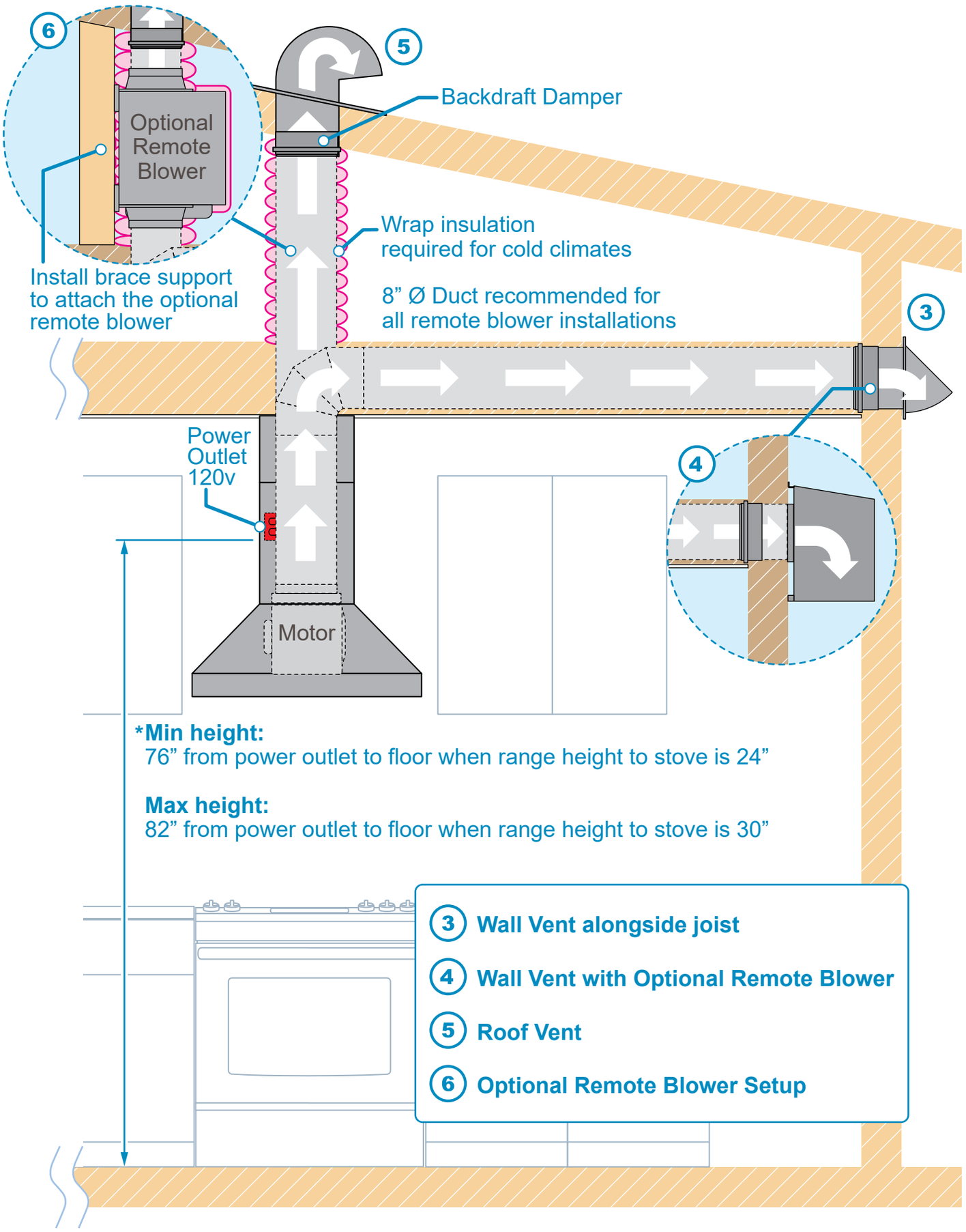
***Min height:** 77½" from bottom of duct to ground when range height to stove is 24"

Max height: 83½" from bottom of duct to ground when range height to stove is 30"

1 Wall Vent **2 Roof Vent**

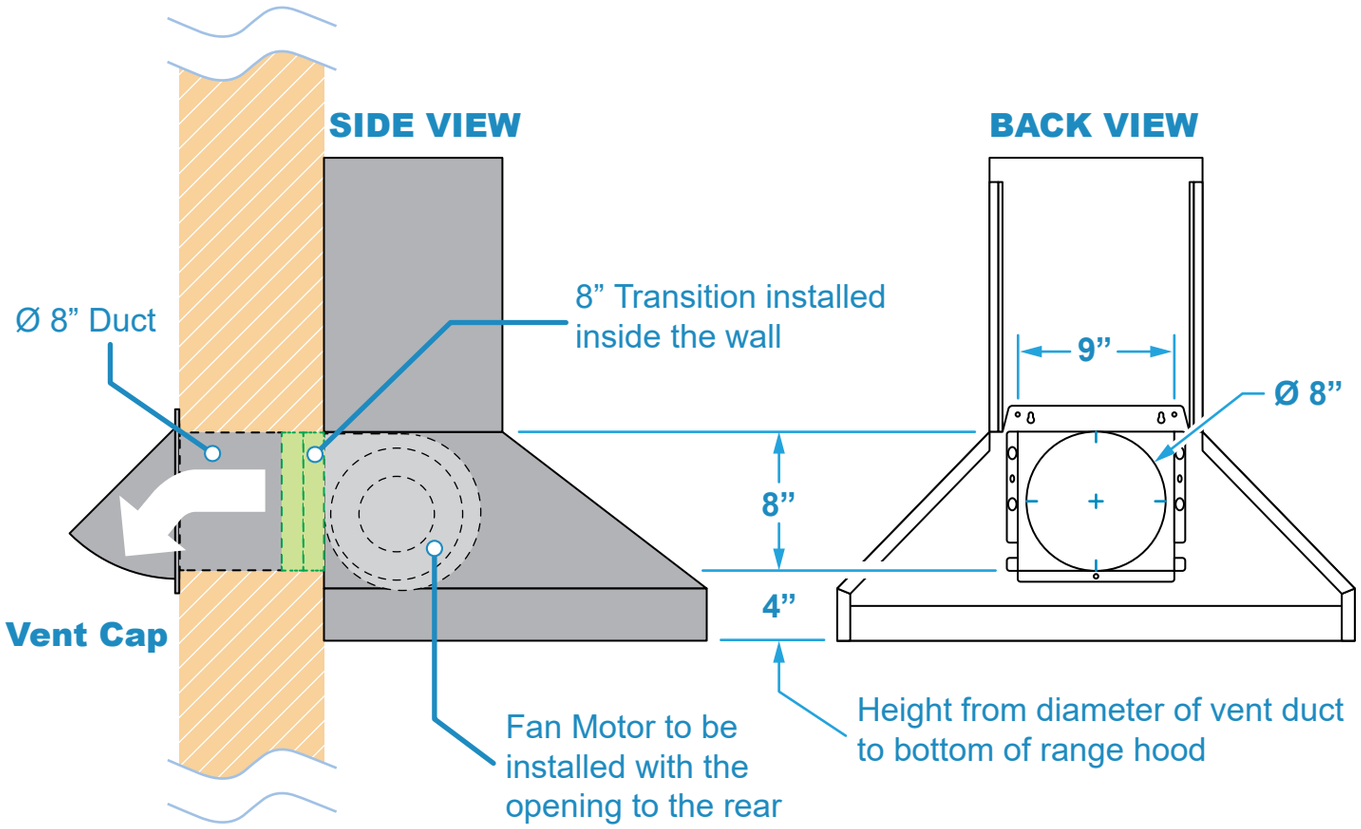
* Due to different ceiling height configurations, recommended height may not be applicable.

VENTING METHODS (front view)



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

BACK EXHAUST OPTION

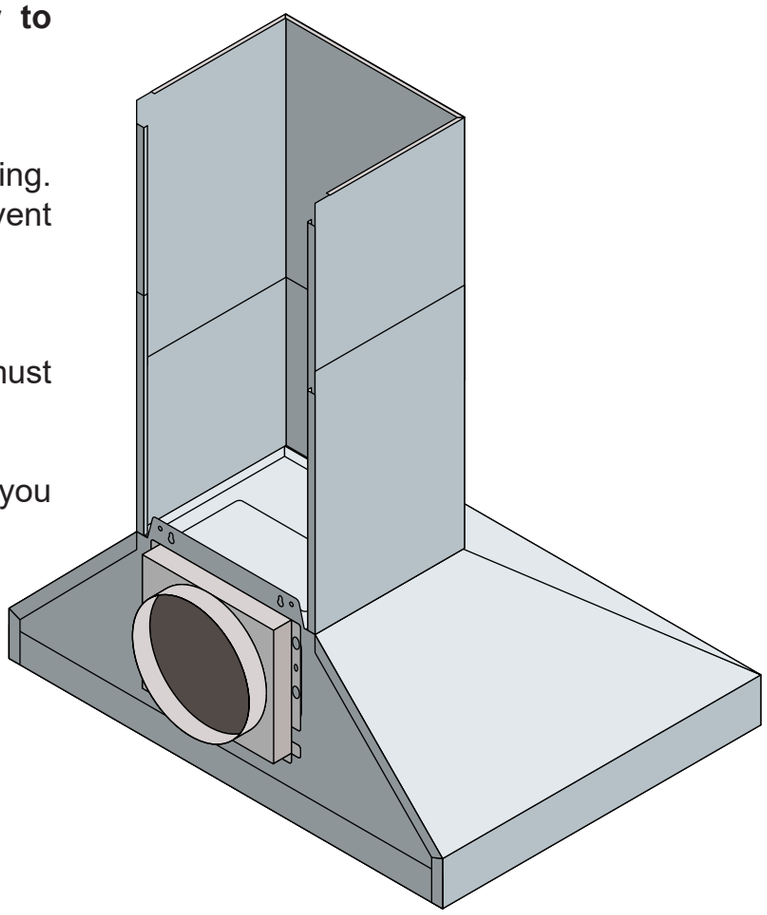


This hood comes with a back exhaust option (additional charges will apply to make the hood rear-vented).

This option must be purchased prior shipping. Changing from the top vent to back vent onsite can be difficult.

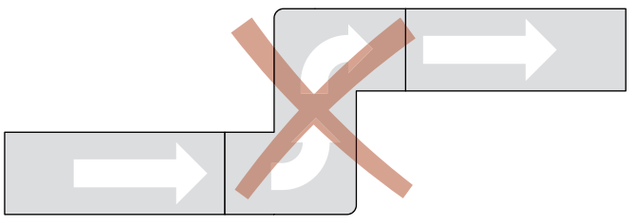
For best performance, an 8” round duct must be used for rear-vent installations.

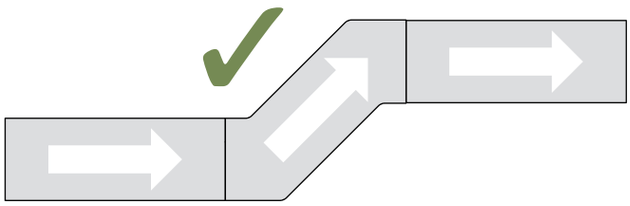
Please contact Victory Range Hoods if you have any further questions.



DO'S AND DON'TS FOR DUCT VENTING

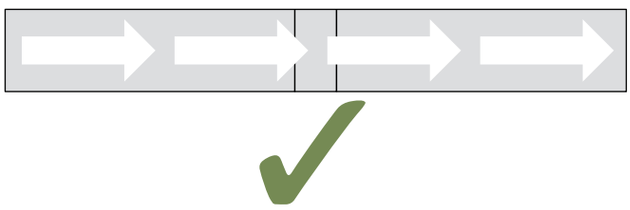
Avoid the use of sharp elbows (90°).





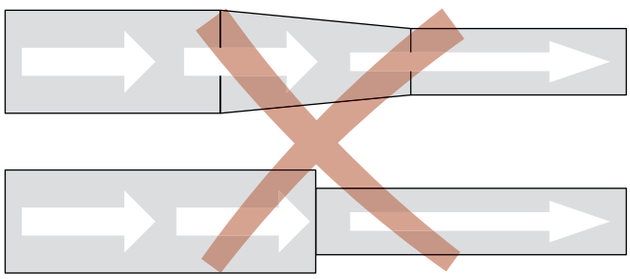
Use 45° instead, if possible.

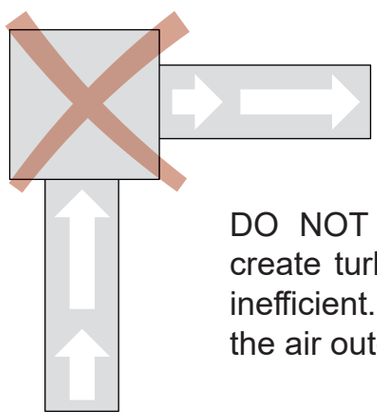
Always keep the size of the duct the same



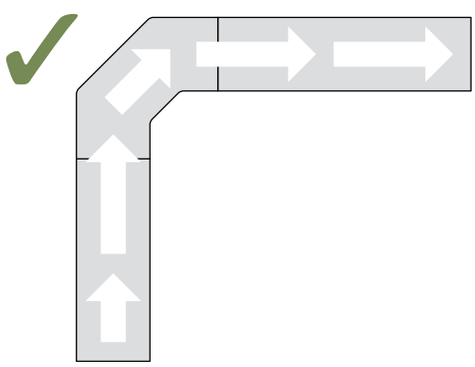
DO NOT USE REDUCERS

NOTE: *Reducing the duct size will restrict airflow, decrease efficiency, reduce the CFM of the hood and increase the noise.*





DO NOT u se plenum boxes. Boxes create turbulence and make the hood inefficient. Use a smooth elbow to guide the air outdoors.



SERVICING AND CLEANING OPERATIONS

Operations:

- Read and understand all instructions and warnings in this manual before operating the appliance. Save these instructions for future reference.
- Always leave safety grills and filters in place. Without these components, operating blowers could catch on to hair, fingers and loose clothing.
- NEVER dispose cigarette ashes, ignitable substances, or any foreign objects into blowers.
- NEVER leave cooking unattended. When frying, oil in the pan can easily overheat and catch fire. The risk of self combustion is higher when the oil has been used several times.
- NEVER cook on “open” flames under the range hood. Check deep-fryers during use: Superheated oil may be flammable.
- The saturation of greasy residue in the blower and filters may cause increased inflammability. Keep unit clean and free of grease and residue build-up at all times to prevent possible fires.
- Filters must be cleaned periodically and free from accumulation of cooking residue. Old and worn filters must be replaced immediately.
- **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.
- **SAFETY WARNING:** Never put your hand into area housing the fan while the fan is operating!

Cleaning Exterior surfaces:

- Clean periodically with stainless steel cleaner and clean cotton cloth. Do not use corrosive or abrasive detergent (e.g. Comet Power Scrub®, EZ-Off® oven cleaner), or steel wool/scoring pads, which will scratch and damage the stainless steel surface. For heavier oil use liquid degrease such as “Formula 409®” or “Fantastic®” brand cleaner.
- If the hood looks splotchy (stainless steel hood), use a stainless steel cleaner to clean the surface of the hood. Avoid getting cleaning solution onto 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 the hood finish. Use a soft towel to wipe off the cleaning solution, gently rub off any stubborn spots. Use a 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, a 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 Stainless Steel Filters:

IMPORTANT: Drain oil from grease tunnel and filters before oil and residue overflow!

- The stainless steel filters are intended to filter out residue and grease from cooking. It need not be replaced on a regular basis, but are required to be kept clean.
- Filters should be cleaned after every 30 hours of use.
- Stainless steel filters are dishwasher safe. Spray “Formula 409®” or equivalent degreasing detergent and leave to soak if very dirty. Dry the filters and re-install before using the hood.

Replacing Filters:

- Should filters wear out due to age and prolonged use, please contact Victory Range Hoods to order replacement filters.

Replacing the light bulb:

- This range hood uses LED’s (please refer to the actual specification of the hood purchased):
  USA/Canada: LED 2.5W 12v
- Make sure the range hood is unplugged or turn OFF breaker.
- Turn ON breaker and range hood to test for operation.

NOTE: *For all other inquiries, please contact Victory Range Hoods.*

SERVICING AND CLEANING OPERATIONS (Continued)

WARNING

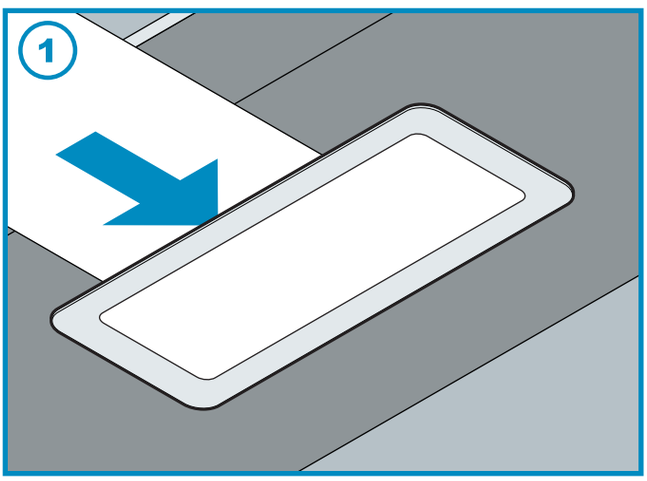
Hazard of electrical shock!

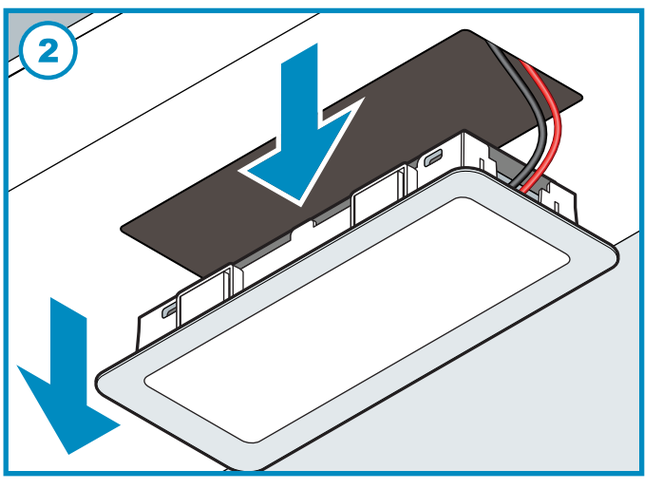
DO NOT perform service on an electrically live system. Disconnect the main electrical supply before servicing this device. Touching electrical connectors or other exposed electrical circuitry inside this range hood when they are energized could result in death, serious bodily injury, or property damage.

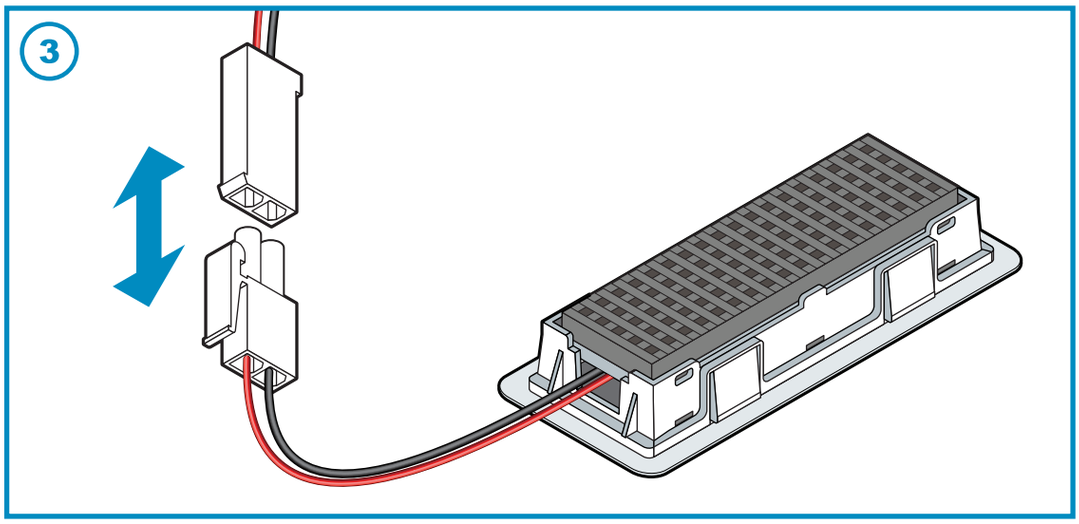
SAFETY WARNING: Risk of electrical shock. this range hood must be properly grounded. Make sure this is done by qualified electrician in accordance with all applicable national and local electrical codes. Before connecting wires, switch power off at service panel and lock service panel to prevent power from being switched on accidentally.

Replacing LED 2.5W 12V Light Fixture:

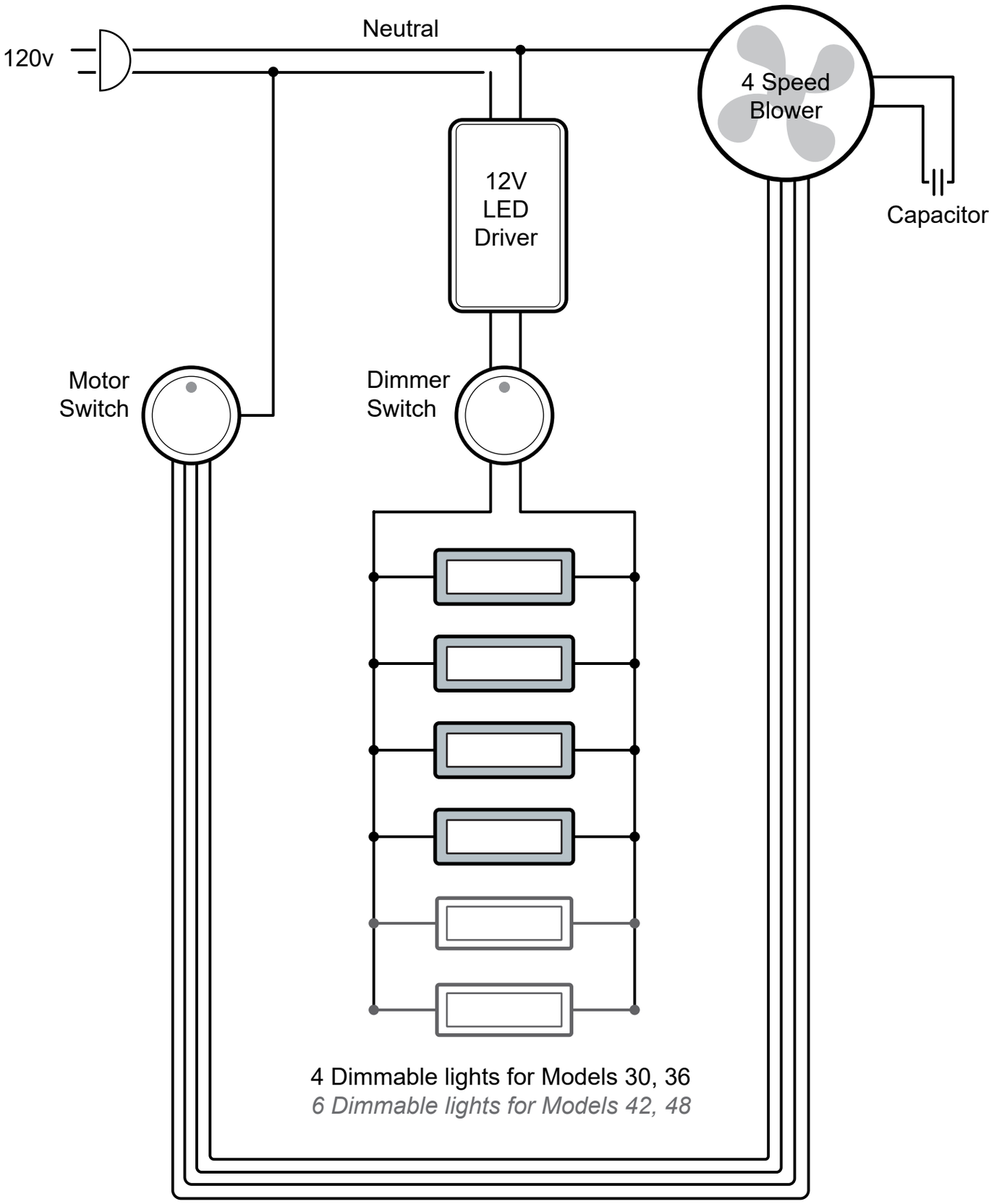
- Make sure the range hood is unplugged or turn OFF breaker and the lights are cool to touch.
- Place a plastic card and/or “trim removal” tool between light housing and hood body **(Fig 1)**.
- Gently pry down the light housing and search for the plastic clips to release.
- Apply force to the plastic clip and gently work your way to pull out the light fixture **(Fig 2)**.
- Disconnect the power cable from the connector and discard the old light fixture **(Fig 3)**.
- Reverse the steps to install a new LED light fixture.
- Turn ON breaker and range hood to test for operation.







WIRING DIAGRAM



4 Dimmable lights for Models 30, 36

6 Dimmable lights for Models 42, 48

TROUBLESHOOTING

⚠ WARNING

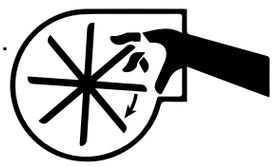
Hazard of electrical shock!

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.

⚠ WARNING ⚠

Severe Injury

Moving fan blades. Keep hands clear to avoid injury



1. If the range hood or lights do 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 are properly connected.
2. One light is not working.	• Swap out light assembly to working ones to determine whether it is caused by defective LED. Refer to ***Servicing and Cleaning Operations page***.
3. The range hood vibrates when the blower is on:	• The range hood might not have been secured properly on to the ceiling or wall. • The impeller may be out of balance.
4. The blower or fan seems weak:	• Duct is too small. Range hood WILL NOT function efficiently with insufficient duct size. For example: Connecting this hood to 4” or 5” duct will reduce the suction and create extra noise and vibrations. Check if duct is clogged or if damper unit is not installed correctly or opening properly. A tight mesh on a side wall cap unit might also cause restriction to the air flow.
5. 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. Please contact us immediately.
6. The hood is not venting out properly:	• Make sure the distance between the stove top and the bottom of the hood is within* 24” and 30” in distance. **Due to different ceiling height configurations, recommended height may not be applicable.* • 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 duct size must be 6”, or larger. Please make sure there are NO reducers or plenums in the duct work. • ***Refer to DO’S and DON’TS for DUCT VENTING page for illustrative examples.***

NOTE: *For all other inquiries, please contact Victory Range Hoods.*

WARRANTY

TO OBTAIN SERVICE UNDER WARRANTY:

You must present proof of original purchase date.

Please provide an original dated proof of purchase (sales receipt / invoice) in order to obtain service under warranty.

Parts Warranty (5 Years) & Motor Warranty (Lifetime*)

For five years from the date of original purchase, Victory Range Hoods will provide free of charge, non-consumable replacement parts or components that failed due to manufacturing defects. Subject to the conditions and limitations set forth below, Victory Range Hoods will replace any part of its products that prove defective by reason of improper workmanship or materials. Replacement parts or products will be provided by Victory Range Hoods on an exchange basis, and will be either new or refurbished to be functionally equivalent to new.

Who is Covered:

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

This Warranty Will Be Voided When:

Product is damaged through negligence, improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair, modification, or failure to follow installation instructions. When product is used commercially or other than its intended purpose. Damaged because of improper connection with equipment of other manufacturers. Repaired or modified by anyone other than Victory Range Hoods. This limited warranty also 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 or has been sold as second-hand.

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 oven cleaner products. Chips, dents or cracks due to abuse, misuse, freight damage, or improper installation. Damage of product caused by accident, fire, floods or acts of God. The manufacturer and/or distributor/reseller is not liable for, and does not cover under warranty, any loss of properties or any costs associated with removing, servicing, installing, or determining the source of problems with this product.

This warranty is valid in Canada and the United States of America. It is non-transferable and applies only to the original 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 and, no warranties, whether expressed or implied, shall apply to this product thereafter.

To obtain warranty service, you may contact Victory Range Hoods. Please confirm the terms of Victory Range Hood's policies prior to contacting us. Typically, you must include product identification information, such as the model number/name with a detailed description of the problem you are experiencing. You must also include proof of the date of original purchase as evidence that the product is within the applicable warranty period, and that it is a genuine range hood from Victory Range Hoods.

The information in this document is subject to change without notice, please contact Victory Range Hoods for updated details.

DISCLAIMER

Carefully inspect all items for damages before accepting delivery. note any damages on the freight bill or express receipt. request 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.

Damages on any returns or exchanges caused during transit are not covered under our warranty (the customer must insure the return with the shipping company). If your range hood is damaged in transit, please contact us within 14 days of receiving your new order to report the damages. Victory Range Hoods will, to the best of its ability, file a damage claim and investigate the matter.

Please inspect contents of package(s) carefully upon receiving! We must be notified of any damages and/or missing parts within fourteen (14) days upon your receipt of the package(s). Claims will not be accepted after fourteen (14) days. NOTE: Items are 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 10% will be charged for all approved return(s). Exchanges or returns will not be accepted if the unit has been installed, and may be rejected if parts are missing.

Make sure to inspect the hood for damages and defects before installation. Appearance flaws of the hood found after installation and not affecting hood performance are not covered under our warranty for returns or exchanges. Service visits are not covered under warranty and will carry a service charge.

CONTACT US

If you require assistance, please contact Victory Range Hoods. Please have your order number and model of the range hood ready. You must have this information in order to receive a response to your request.

If you need replacement parts, we recommend using only genuine parts. Our accessories and parts are engineered and designed specifically for VICTORY range hoods. Each part is rigorously tested assuring the utmost in durability and reliability, providing a factory match, factory-installed appearance and functionality tailored to each individual range hood model.

583 Nicola Avenue, Port Coquitam, BC, Canada
Toll Free: 1-800-394-4020
info@victoryrangehoods.com

The information in this document is subject to change without notice, please contact Victory Range Hoods for updated details.

NOTES

NOTES

NOTES

VICTORY

Quiet and Powerful Performance.