

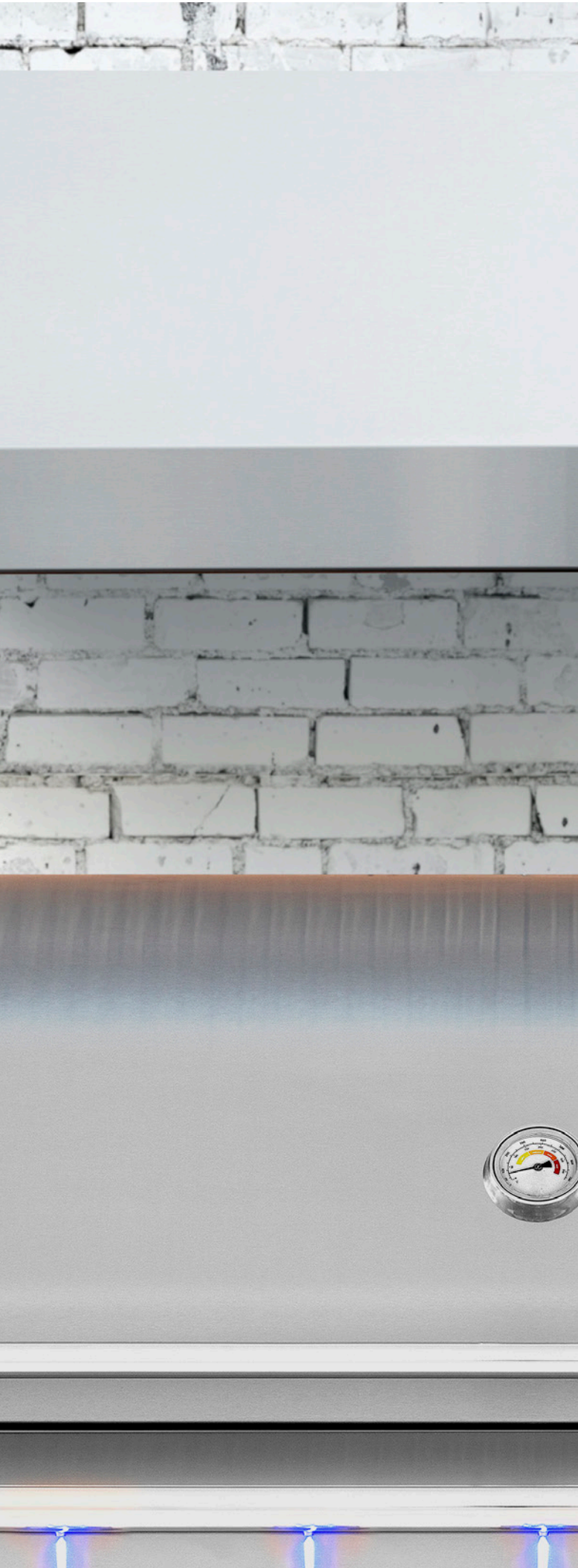


# AMD Direct

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VENT HOOD  
USER MANUAL

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# AMD DIRECT VENT HOOD

## INSTALLATION INSTRUCTIONS & OWNERS MANUAL

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**NAME:** 36" VENT HOOD WITH SINGLE MOTOR  
42" VENT HOOD WITH DUAL MOTOR  
48" VENT HOOD WITH DUAL MOTOR  
60" VENT HOOD WITH DUAL MOTOR  
72" VENT HOOD WITH DUAL MOTOR

**PART #:** VH36-2  
VH42-3  
VH48-3  
VH60-3  
VH72-3

## THANK YOU

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Thank you for your purchase. We'd like to welcome you to the AMD Direct family of luxury outdoor kitchen products and look forward to being a part of your home for years to come. As a family business with over 20 years of industry experience, we aim to deliver exceptional quality and personal service. Welcome to the AMD Direct family and we hope you love your new vent hood!



For warranty information and to register your refrigerator visit,  
[amddirect.com/register](http://amddirect.com/register)

To view on your phone, scan the QR code on your camera app.  
(For Android devices, use Google Lens)

## INSTALLER

Please leave this manual for the owner

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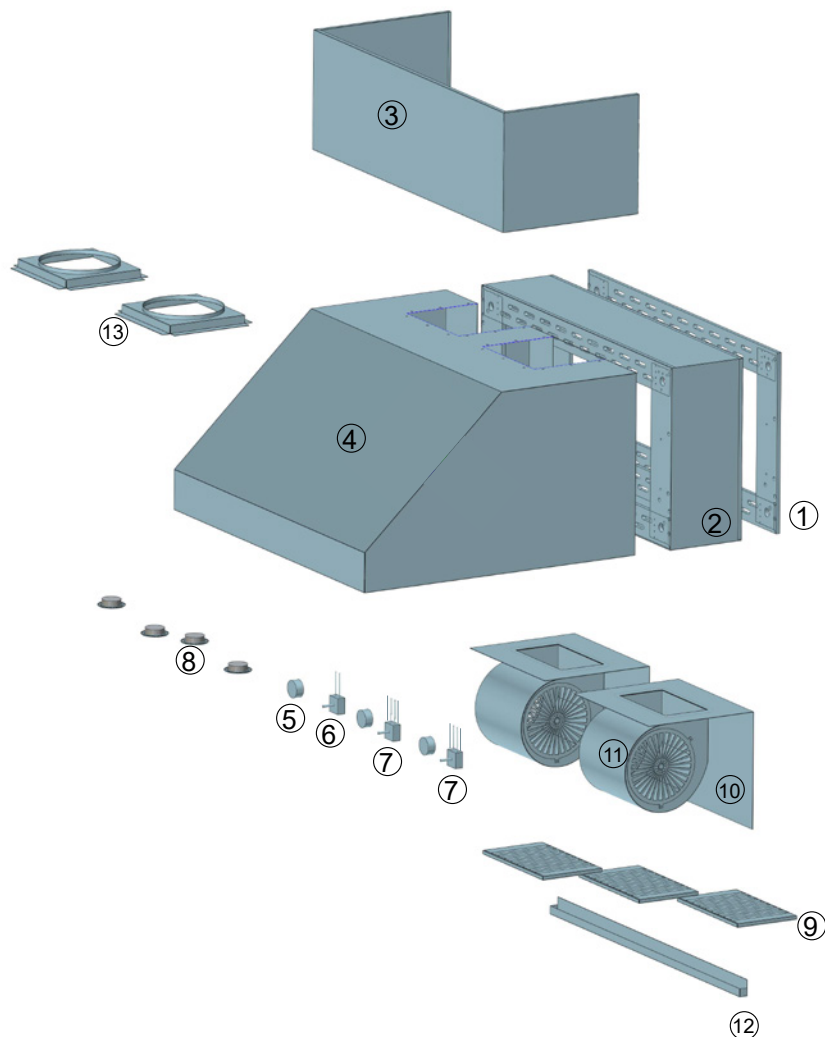
Serial Number: \_\_\_\_\_

Model: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

# EXPLODED VIEW & REPLACEMENT PARTS LIST



| ITEM # | DESCRIPTION                        | VH36-2     |     | VH42-3     |     | VH48-3     |     | VH60-3     |     | VH72-3     |     |
|--------|------------------------------------|------------|-----|------------|-----|------------|-----|------------|-----|------------|-----|
|        |                                    | VH36-2     | QTY | VH42-3     | QTY | VH48-3     | QTY | VH60-3     | QTY | VH72-3     | QTY |
| 1      | 1/2" MOUNTING TEMPLATE             | VH36-2-SPT | 1   | VH42-3-SPT | 1   | VH48-3-SPT | 1   | VH60-3-SPT | 1   | VH72-3-SPT | 1   |
| 2      | 4" VENT HOOD SPACER (optional)     | VH36-2-SP4 | 1   | VH42-3-SP4 | 1   | VH48-3-SP4 | 1   | VH60-3-SP4 | 1   | VH72-3-SP4 | 1   |
| **2a   | 8" VENT HOOD SPACER (optional)     | VH36-2-SP8 | 1   | VH42-3-SP8 | 1   | VH48-3-SP8 | 1   | VH60-3-SP8 | 1   | VH72-3-SP8 | 1   |
| 3      | DUCT COVER (optional)              | VH36-2-DC  | 1   | VH4272-DC  | 1   | VH4872-DC  | 1   | VH6072-DC  | 1   | VH7272-DC  | 1   |
| 4      | VENT HOOD ASSEMBLY                 | -          | 1   | -          | 1   | -          | 1   | -          | 1   | -          | 1   |
| 5      | KNOB                               | 11344      | 2   | 11344      | 2   | 11344      | 2   | 11344      | 2   | 11344      | 2   |
| 6      | LIGHT CONTROLLER                   | 11387      | 1   | 11387      | 1   | 11387      | 1   | 11387      | 1   | 11387      | 1   |
| 7      | FAN CONTROLLER                     | 11343      | 1   | 11343      | 1   | 11343      | 1   | 11343      | 1   | 11343      | 1   |
| 8      | LED LIGHT                          | 11388      | 2   | 11388      | 4   | 11388      | 4   | 11388      | 4   | 11388      | 4   |
| 9      | BAFFLE FILTER - 12"                | 11389      | 3   | 11389      | 3   | 11389      | 4   | 11389      | 5   | 11389      | 6   |
| **9a   | BAFFLE FILTER - 6"                 | -          |     | 11399      | 1   | -          |     | -          |     | -          |     |
| 10     | BLOWER PLATE                       | 11398      | 1   | 11398      | 2   | 11398      | 2   | 11398      | 2   | 11398      | 2   |
| 11     | 1000 CFM BLOWER                    | 12383      | 1   | 12383      | 2   | 12383      | 2   | 12383      | 2   | 12383      | 2   |
| 12     | GREASE TUBE                        | 11393      | 1   | 11394      | 1   | 11395      | 1   | 11396      | 1   | 12387      | 1   |
| 13     | TRANSITION COLLAR FOR 8" VENT      | 11397      | 1   | 11397      | 2   | 11397      | 2   | 11397      | 2   | 11397      | 2   |
| **14   | CAPACITOR                          | 11342      | 1   | 11342      | 2   | 11342      | 2   | 11342      | 2   | 11342      | 2   |
| **15   | LED LIGHT TRANSFORMER              | 11034      | 1   | 12423      | 2   | 12423      | 2   | 12424      | 2   | 12424      | 2   |
| **16   | POWER CORD                         | 11517      | 1   | 11517      | 1   | 11517      | 1   | 11517      | 1   | 11517      | 1   |
| **17   | SEAL STRIP FOR TRANSITION COLLAR   | 11196      | 2   | 11196      | 2   | 11196      | 2   | 11196      | 2   | 11196      | 2   |
| **18   | M6 NUTS FOR SPT                    | -          | 8   | -          | 8   | -          | 8   | -          | 8   | -          | 8   |
| **19   | M5X16 SCREWS FOR TRANSITION COLLAR | -          | 20  | -          | 20  | -          | 20  | -          | 20  | -          | 20  |
| **20   | POWER CUT-OFF SWITCH               | 10708      | 1   | 10708      | 1   | 10708      | 1   | 10708      | 1   | 10708      | 1   |

\*\* NOT SHOWN



# IMPORTANT SAFETY INSTRUCTIONS

## WARNING

- AMD Vent Hoods are for residential use only!
- For general ventilation use only. Do not use to exhaust hazardous or explosive materials or vapors
- Use this unit only in the manner intended by the manufacturer.
- Before servicing or cleaning this unit, switch power off at service panel and lock the panel to prevent power from being switched on by accident. If the service panel cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

## WARNING

### TO REDUCE THE RISK OF RANGE TOP GREASE FIRE, PLEASE OBSERVE THE FOLLOWING:

1. Never leave surface units unattended at high settings.
2. Oil-overs can cause smoking and may ignite. Heat oils slowly on low heat.
3. Always turn hood ON five minutes prior to cooking to begin airflow.
4. Clean ventilation filters frequently. DO NOT ALLOW GREASE TO ACCUMULATE ON FAN OR FILTER.
5. Use proper pan size. Always use cookware appropriate for the size of the burner or element.

## WARNING

### IN THE EVENT OF RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:

1. Smother the flames with a close-fitting lid, cooking sheet or other metal tray, and 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.
3. MAKE SURE YOUR VENTILATION SYSTEM IS COMPLETELY TURNED OFF. DO NOT TURN HOOD ON TO TRY AND EVACUATE SMOKE.
4. DO NOT USE WATER, including wet dishcloths or towels - a violent steam explosion may result.

### 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.

### HANDLING PRECAUTIONS

- Remove all rings, watches, belt buckles, jewelry and any clothing with metal buttons or snaps to prevent damage to hood.
- DO NOT REMOVE HOOD FROM ITS ORIGINAL CARTON UNTIL YOU ARE READY TO INSTALL IT.
- When you are ready to begin the installation process, remove the hood from its carton and place it on a clean soft blanket.
- Inspect the hood carefully for any damage or imperfections before you begin to install the hood. If any damage or imperfections exist, re-carton the hood and call your dealer IMMEDIATELY. Do not install a damaged hood.
- It is highly recommended that rubber gloves be used to prevent scratches on the hood and to provide you with a firm grip.
- When removing the hood from the carton, locate the filters. The filters are not pre-installed in the hood. The filters are in a box marked filters inside the hood carton.
- AMD model hood series can be ducted to the top or the rear. Check product guide for additional transitions, wall caps and roof caps.
- All AMD ventilation hoods have a variable speed control blower switch.

### NOTE TO THE INSTALLER

- To avoid damage that will not be covered under warranty, ensure blowers are free from obstructions (packing and debris) before running them.
- Test run blowers before finalizing installation.
- Check with the manufacturer before attempting to use blower systems other than AMD blower systems.
- Before installing the unit on a wall surface, test all electronics by plugging it into the intended power source to ensure proper functionality. Once confirmed, disconnect the power and proceed with installation.
- Installation requires a minimum of two people.
- Locate and mark the stud position before installation.
- Template removal instructions: Remove the four screws from inside the unit.
- Install the grease collector first, then mount the vent hood.

# CLEANING AND MAINTENANCE

Your hood will not function properly if not cleaned regularly and maintained properly. It is recommended to clean the vent hood at least once a month. Clean the filters regularly (at least twice a month or every 24 hours of use) by soaking them in soapy water and rinsing them in the dishwasher at the normal cycle. When the filters are removed, clean the accessible interior of the canopy with soap and water to remove grease. Additionally, regularly empty and clean the grease collector. Burned out LED light bulbs are exchanged in the same way as normal light bulbs. Make sure to only replace them with the same type and wattage.

Make it a habit to turn on the hood on low speed even when you are only boiling water. The cleaning of the outside of the hood depends on the material used as a decorative exterior. For stainless steel and powder coated metals, clean with soap and water only. Do not use abrasive or aggressive chemicals! Check the outside end of the duct at least once a year. If you have an insect screen installed in the duct termination, make sure that it is not broken or dislocated. Filters are dishwasher safe or you may hand wash them with warm soapy water.

## PLANNING THE LOCATION FOR YOUR VENT HOOD

Select the proper height to mount the hood. Take into consideration the stature of the person or persons who will be cooking. If mounted at a height greater than 32" and up to a maximum of 36" above the cooking surface, the hood should be at least 6" wider than the cooking appliance to provide proper capture of heat and grease. (Refer to the range manufacturer's guidelines.) For solid fuels such as wood or charcoal, a minimum clearance of 36" is recommended due to the increased heat output. Additionally, the vent hood should extend 3"–6" beyond the sides of the BBQ for optimal coverage, and the front of the hood should also extend 3"–6" beyond the front of the BBQ to improve ventilation efficiency. Once the proper height is established, draw a level line where the bottom of the hood will rest. If practical, mount a board equal to the width of the hood along the line so you may rest the hood on it while installing. Mark a centerline on the wall equal to the entire height of the hood to assist with proper duct alignment and hood placement. Determine stud location and mark it clearly. If only one stud can be located, toggle bolts or additional fastening must be installed to firmly secure the hood to the wall.



## WARNING



INSPECT ALL MOLDED PACKAGING AND BOXES FOR PARTS BEFORE DISCARDING. ANY DAMAGE MUST BE REPORTED BEFORE INSTALLING THE HOOD. ONCE THE HOOD HAS BEEN INSTALLED, NO RETURN WILL BE ACCEPTED.

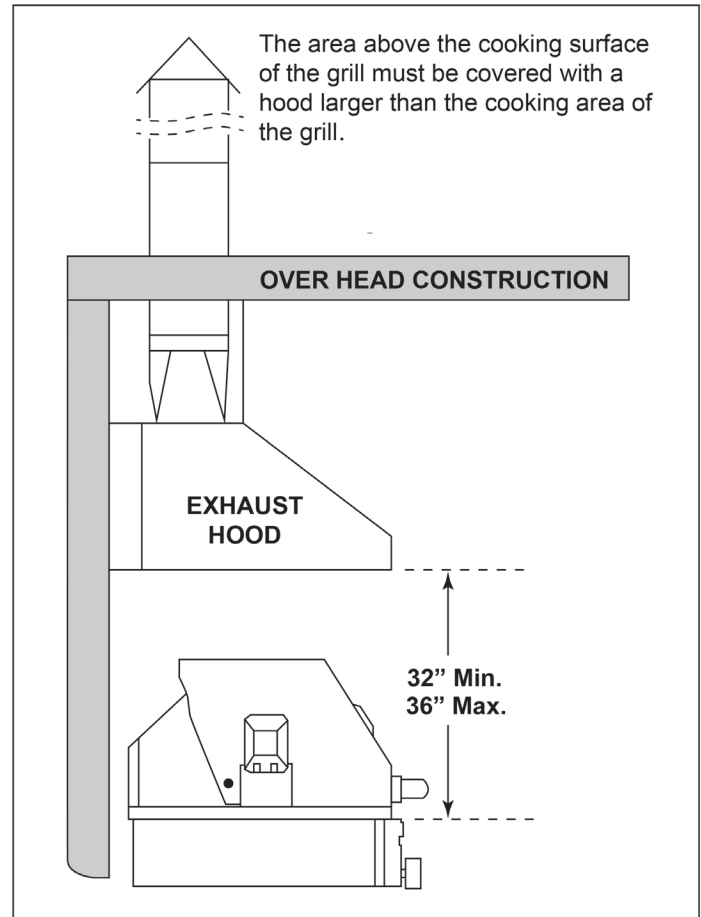


Figure 1

# VENTING REQUIREMENTS & SPECIFICATIONS

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## VENTING REQUIREMENTS

- Do not terminate the vent system in an attic or other enclosed area.
- Do not use 4" (10.2 cm) laundry-type wall caps.
- Use metal/aluminum vent only. Rigid metal/aluminum vent is recommended.
- Do not use plastic vent.
- Always keep the vent clean to ensure proper airflow.
- Calculate the following figures before installation:
  - o Distance from the floor to the ceiling
  - o Distance from grill's cooking surface to vent hood
  - o Height of hood and vent cover

## IMPORTANT:

- A minimum 8-inch round vent (standard for this vent hood) must be used to maintain maximum airflow efficiency.
- Always use rigid type metal/aluminum vents if available to maximize airflow.
- 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 lose its performance and efficiency.
- Refer to the grill manufacturer's height clearance requirements and recommended vent hood mounting height.
- Use either the 1/2" template or the 4" or 8" spacers. Never use the template together with the 4" or 8" spacers.

## FOR THE MOST EFFICIENT & QUIET OPERATION:

- A minimum distance of 32" and a maximum distance of 36" is recommended\* between the grill's cooking surface and bottom of vent hood.
- It is recommended that the vent hood be vented vertically through the roof
- Venting size should be uniform.
- Do not use plastic vent.
- 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 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 8" ROOF OR WALL VENT CAP MINIMUM.

## SPECIFICATIONS:

Voltage: 120v / 60 hz  
Power: 36" Model: 246 W  
42"/48"/60"/72" Models: 489 W  
Amperage: 36" Model: 2A  
42"/48"/60"/72" Models: 4A  
Motor Rotational Speed: 980 rpm (top speed)  
Maximum Air Flow: 1000 cfm (per blower)  
Fan Type: Centrifugal  
Noise Level: 58dB (single motor) / 62dB (dual motor)  
LED: 3 W  
Venting: Top Vent or Rear Vent  
Vent Size: 8 in. diameter  
# of Vents: 1 (for 36" model)  
2 (for 42"/48"/60"/72")

## PERFORMANCE & DUCTWORK DISCLAIMER

Stated CFM ratings for this outdoor vent hood are based on optimal installation conditions using straight, properly sized ductwork. Actual airflow may be reduced by ductwork configuration, length, material, fittings, filters, termination point, and other installation conditions.

WYE (Y) Duct Configurations: Combining ductwork using a WYE fitting can reduce overall airflow due to increased static pressure. For best performance on dual-blower models, use two independent 8" round ducts rather than combining the outlets into a single reduced or undersized duct run. This minimizes static pressure loss and helps preserve airflow.

Minimize overall duct length, avoid unnecessary fittings, and consult a qualified HVAC professional to verify that the ductwork configuration will provide adequate airflow for the application.

# INSTALLATION

## VENT PIPING

- A cutout will need to be made in the roof to route the piping through, and it must be sealed with silicone to prevent leaks.
- Install one 8" round galvanized rigid (single-wall) vent pipe for the VH36-2 model. For the VH42, VH48, VH60, and VH72 models, install two 8" round galvanized rigid (single-wall) vent pipes.
- When using the VH-3-WDF Wye Duct Fitting (compatible with the VH42, VH48, VH60, and VH72 models), install 10" round galvanized rigid (single-wall) vent pipe from the wye fitting onward.
- All joints must be sealed using duct tape.

**IMPORTANT:** Vent piping must be installed as straight as possible to prevent back pressure on the blowers.

**IMPORTANT:** If an offset is required for your installation, a maximum of two 45° elbows may be used. **Do not use 90° elbows for this installation.** See Fig. 2 for reference.

Secure the termination cap to the top of the vent piping using duct tape and the appropriate hardware to prevent water and debris from entering the vent hood.

**IMPORTANT:** A non-restrictive termination cap must be used. Do not use a restrictive cap or damper for this installation.

Installation may vary depending on roof construction and individual setup.

**NOTE:** Exceeding a 20-foot total vent pipe length will reduce the effectiveness of the exhaust system.

## WYE DUCT FITTING

The optional wye duct fitting converts the two 8" vent hood duct openings into a single 10" duct.

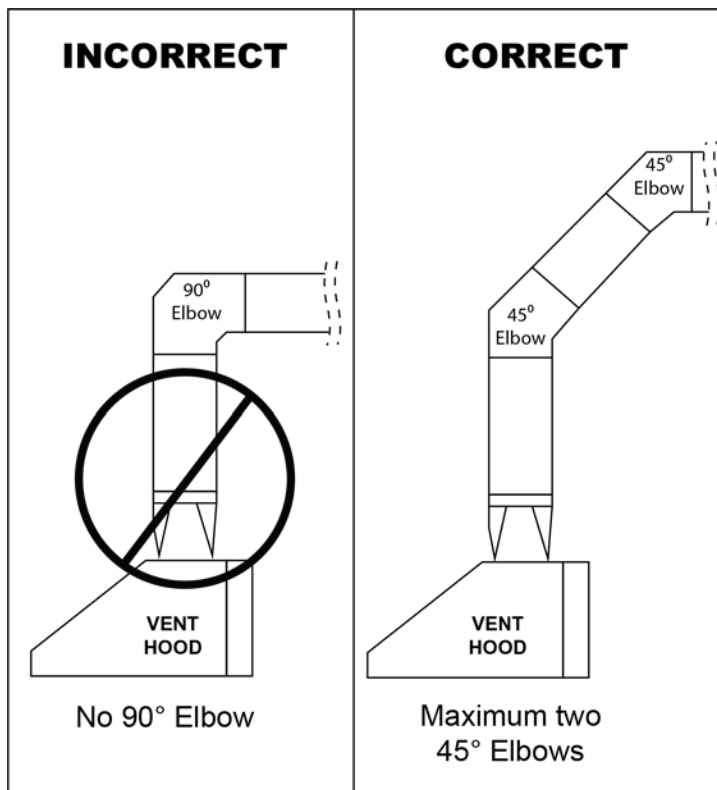
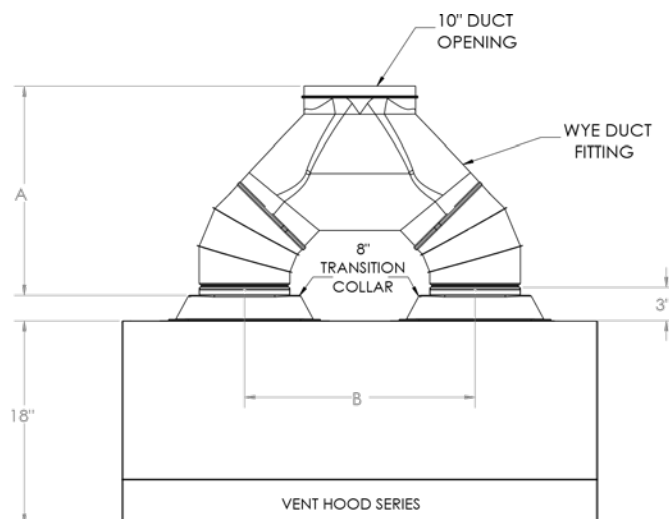


Figure 2



| VH-3-WDF |       |       |
|----------|-------|-------|
| MODEL #  | A     | B     |
| VH42-3   | 18 ½" | 20 ¾" |
| VH48-3   |       |       |
| VH60-3   |       |       |
| VH72-3   |       |       |



# INSTALLATION

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## 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

### Excessive Weight

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

**BEFORE INSTALLING THE VENT HOOD, CHECK FOR PHYSICAL DAMAGES.  
THIS VENT HOOD COMES EQUIPPED WITH A POWER CORD.  
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.**

1. Read the entire installation guide and users manual thoroughly, understand instructions and warnings.
2. Be familiar with the controls of the vent hood.
3. Place the Vent hood on a flat, stable surface. Connect the vent 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 vent 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 plastic protective coat from the chimney covers and vent hood if any.

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

1. Disconnect power cord, remove the stainless steel baffle filter and grease tunnel.
2. Set aside the stainless steel baffle filters and grease tunnel until the vent hood is properly installed.



## 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 vent hood when they are energized could  
result in death, serious bodily injury, or property damage.



## WARNING

### Severe Injury

Rotating fan can cause severe injury.  
Stay clear of fan when motor is running.

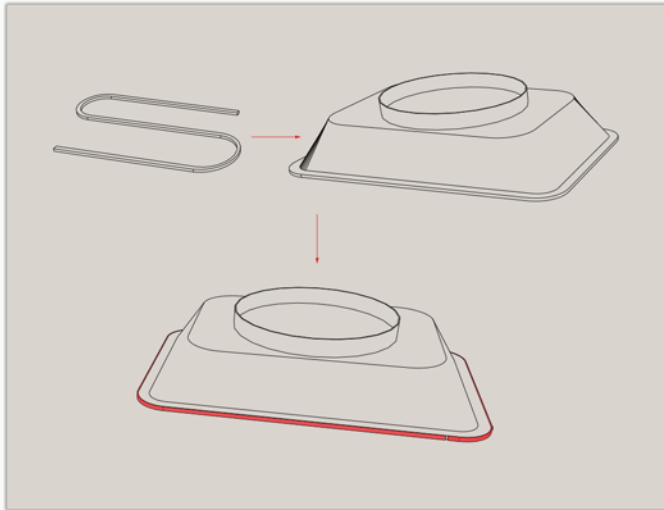
**SAFETY WARNING:** Risk of electrical shock. this vent hood must be properly grounded. Make sure this is done by qualified electrician in accordance with all applicable national and local electrical codes. Before connecting wires, switch power off at service panel and lock service panel to prevent power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

# INSTALLATION

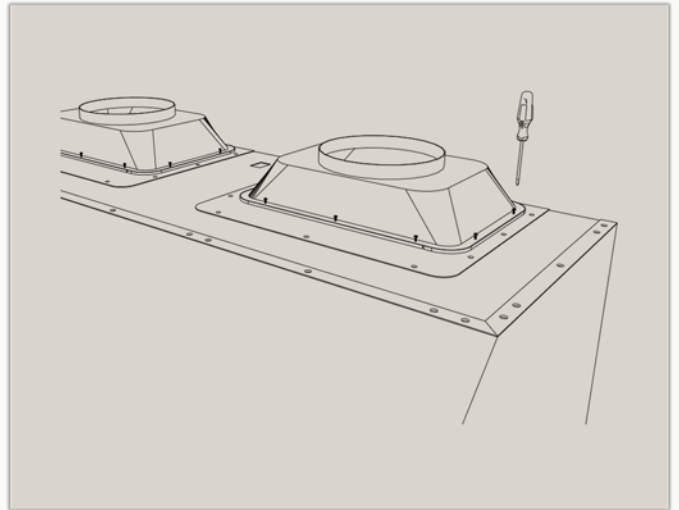
## CAUTION

Due to the weight of this vent hood, make sure it is secured into wall studs and any available structural blocking. Do not mount the hood using wall anchors alone.

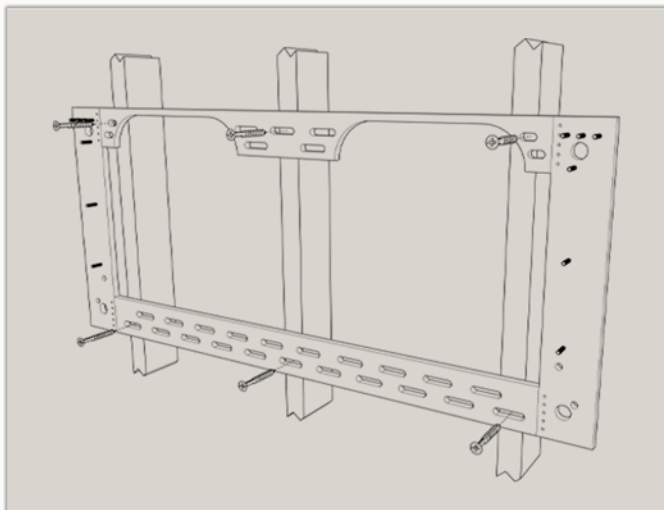
**STEP 1:** Wrap the sealing strip around the transition collar, ensuring it is fully seated and evenly applied.



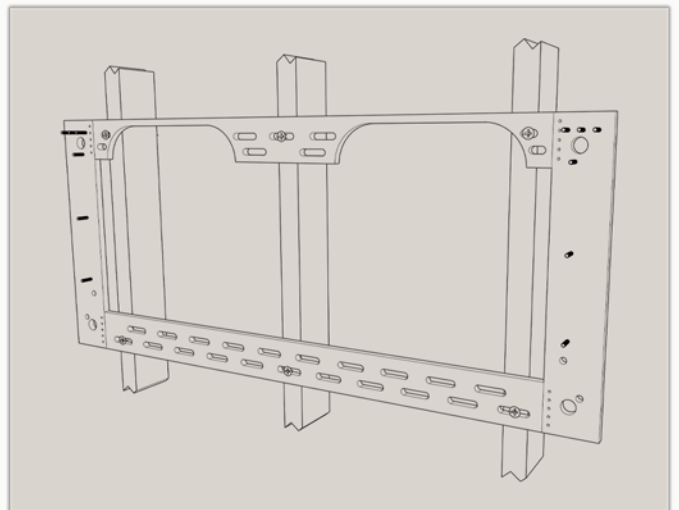
**STEP 2:** Install the transition collar and secure it in place using screws.



**STEP 3:** Place the mounting template against the wall, aligning it with the wall studs.



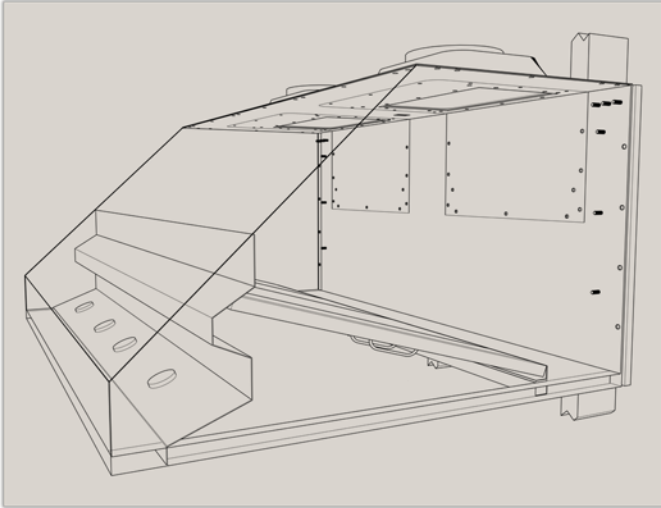
**STEP 4:** Install and tighten the screws into the studs to secure the template in place.



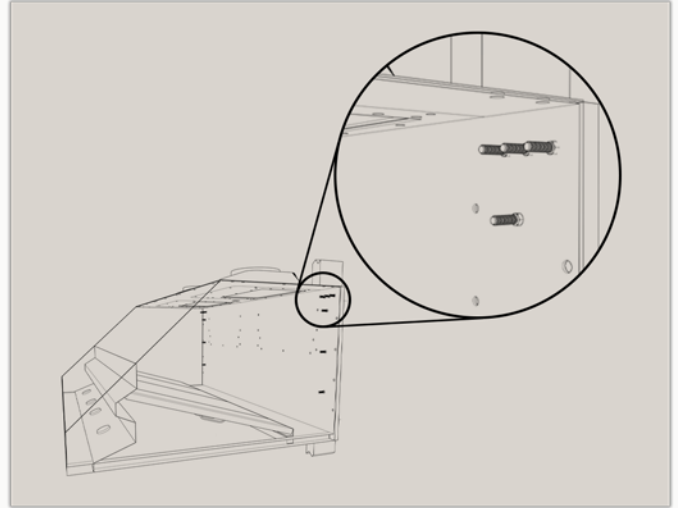
# INSTALLATION

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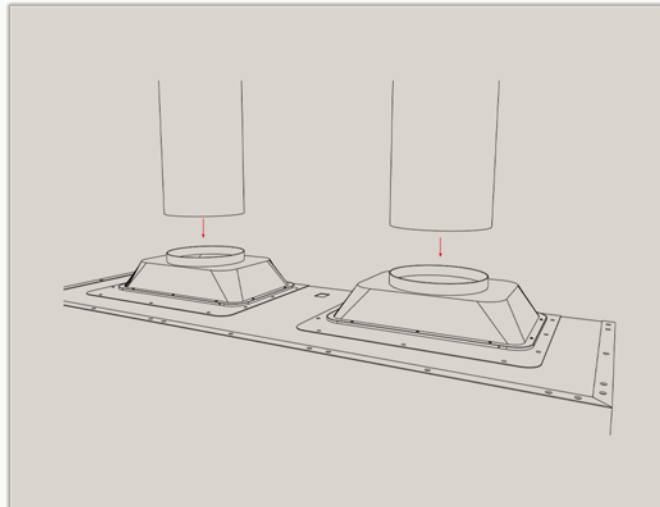
**STEP 5:** Position the vent hood onto the template to align it for installation.



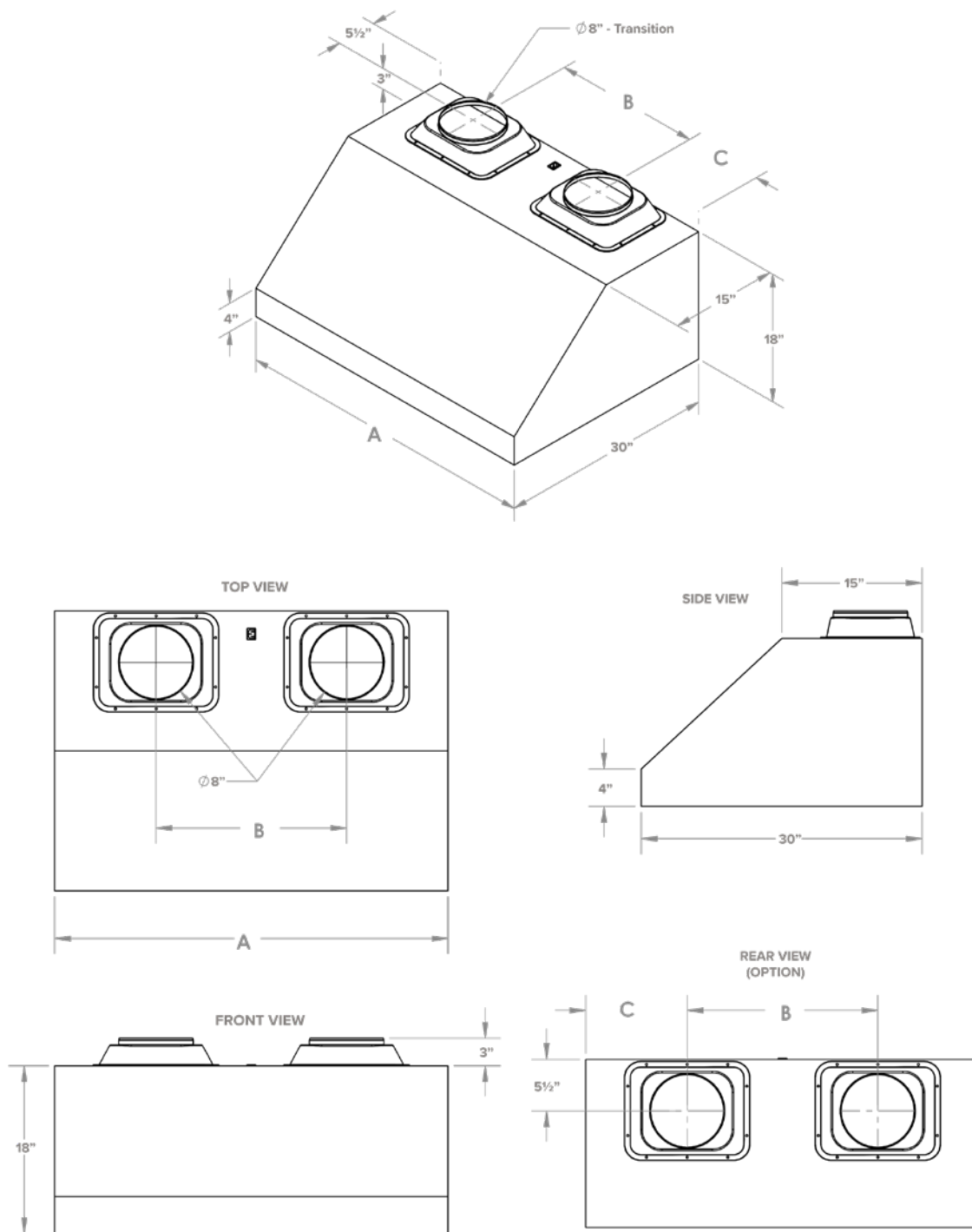
**STEP 6:** Tighten the nuts to firmly secure the vent hood to the mounting template.



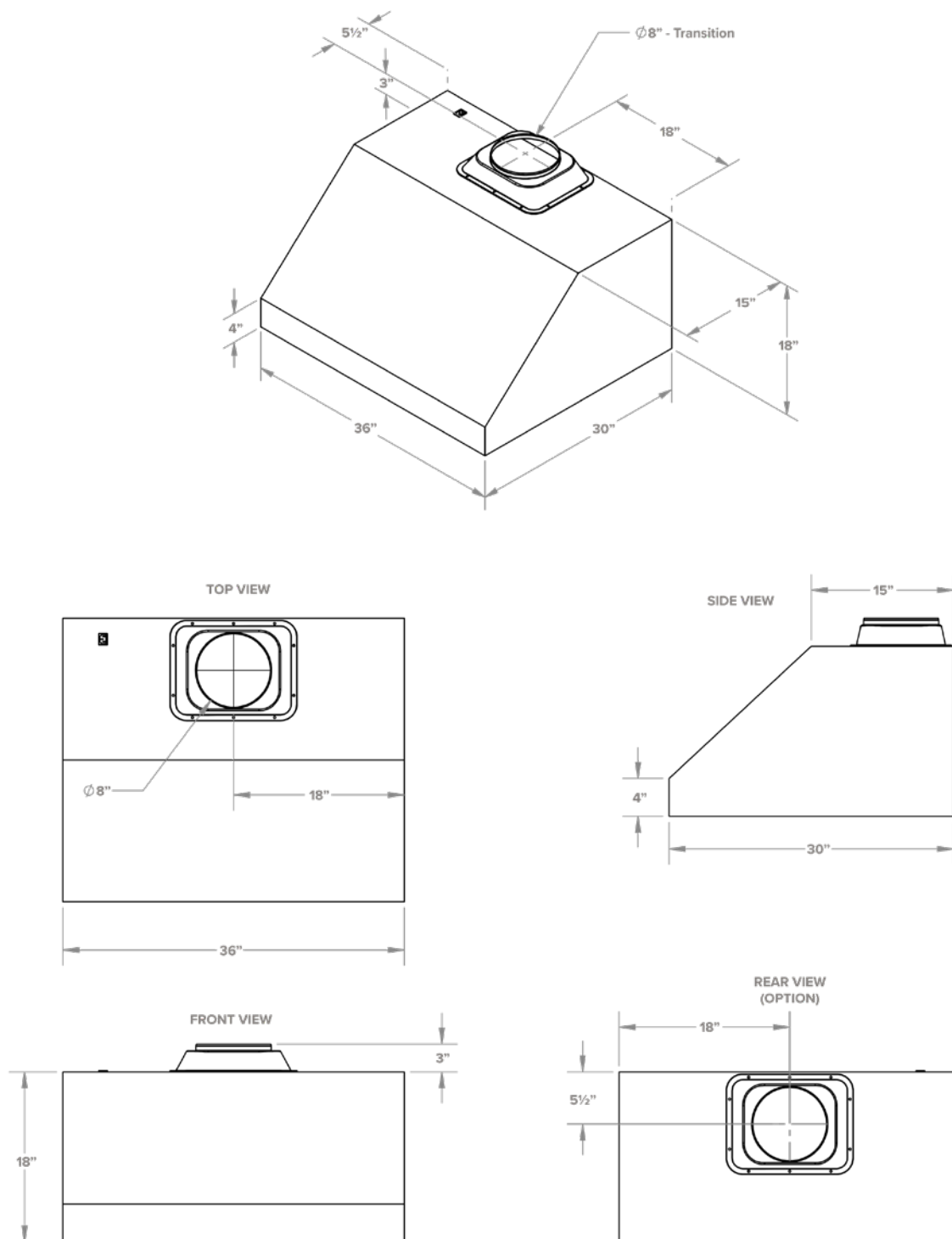
**STEP 7:** Connect and install the exhaust pipe(s) to the transition collar.



# DIMENSIONS



| VENT HOOD DIMENSIONS |     |         |          |
|----------------------|-----|---------|----------|
| MODEL #              | A   | B       | C        |
| VH42-3               | 42" | 20 3/8" | 10 3/16" |
| VH48-3               | 48" | 20 3/8" | 13 3/16" |
| VH60-3               | 60" | 20 3/8" | 19 3/16" |
| VH72-3               | 72" | 20 3/8" | 25 3/16" |



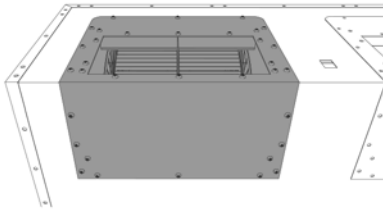
| VENT HOOD DIMENSIONS |       |       |        |
|----------------------|-------|-------|--------|
| MODEL #              | WIDTH | DEPTH | HEIGHT |
| VH36-2               | 36"   | 30"   | 18"    |



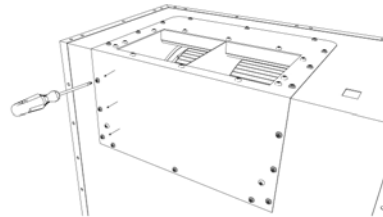
# REAR DUCT CONVERSION

If your installation requires rear duct venting, follow the steps below to convert the hood from the factory top vent configuration to a rear vent configuration.

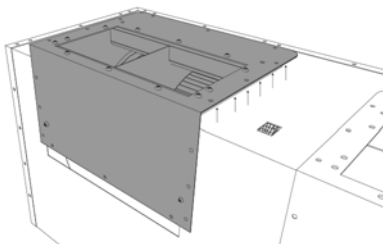
**IMPORTANT:** Rear duct conversion is a modification performed during installation. Inspect the hood for any shipping damage before beginning this procedure.



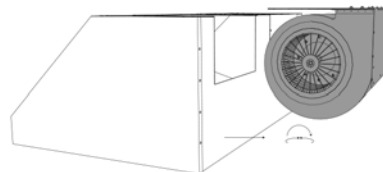
- Remove the screws securing the stainless steel mounting panel. The smaller screws secure the panel to the hood, while the larger screws secure the blower assembly to the panel.



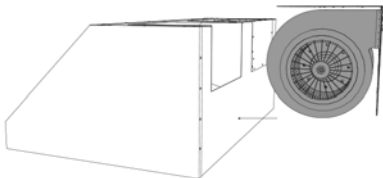
- Carefully remove the mounting panel from the hood. The blower assembly will remain attached to the panel. Do not disconnect the blower assembly from the panel.



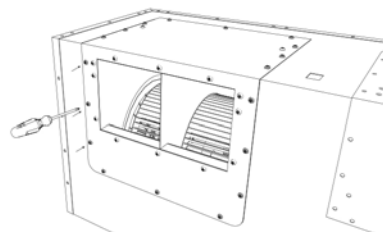
- Remove the blower assembly from the mounting panel. Take care not to strain or disconnect the attached wiring harness.



- Rotate the blower assembly 90° so that the discharge opening is oriented toward the rear of the hood.



- Reinstall the mounting panel, ensuring the blower discharge opening is properly aligned with the rear vent opening.



- Secure the mounting panel to the hood using the smaller screws. Then, attach the blower assembly to the mounting panel using the larger screws.

# ELECTRICAL

## MODIFYING THE POWER CORD



### IMPORTANT WARNING



Any modification to the electrical wiring **MUST BE PERFORMED BY A QUALIFIED, LICENSED PROFESSIONAL ELECTRICIAN** and in accordance with all applicable local and national electrical codes. **ANY WIRING MODIFICATION NOT PERFORMED BY A TRAINED PROFESSIONAL, OR NOT COMPLETED IN COMPLIANCE WITH APPLICABLE CODES, WILL VOID THE MANUFACTURER'S WARRANTY.** The manufacturer assumes no responsibility for damage, injury, or equipment failure resulting from improper installation or unauthorized electrical modifications.

- **Cut the Plug:** Use wire cutters to cut the power cord (ensure you leave enough length to reach the house junction box).
- **Strip the Outer Jacket:** Carefully remove about 2–3 inches of the outer insulation jacket to expose the three internal wires.
- **Strip the Wires:** Use wire strippers to remove approximately 1/2 inch of insulation from the ends of the **Black, White, and Green** wires.

## MAKING CONNECTIONS

Connect the range hood wires to the house power supply wires using wire nuts as follows:

| RANGE HOOD WIRE | HOUSE SUPPLY WIRE    | CONNECTION TYPE |
|-----------------|----------------------|-----------------|
| BLACK           | BLACK (OR RED)       | HOT / LIVE      |
| WHITE           | WHITE                | NEUTRAL         |
| GREEN           | GREEN OR BARE COPPER | GROUND          |

# WIRING DIAGRAM

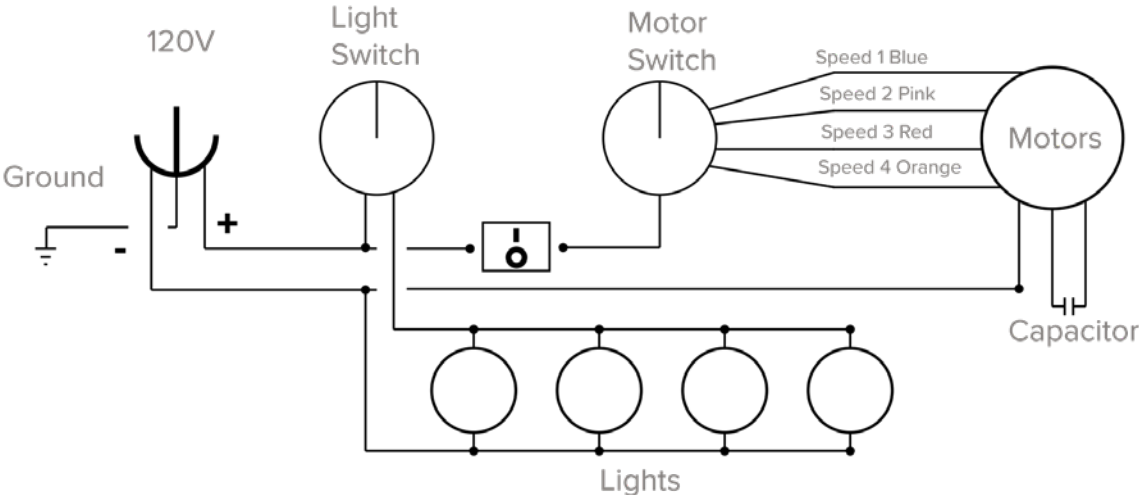


Figure 3

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## GOLD STANDARD WARRANTY

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Your investment in AMD Direct products is backed by the strongest warranty in the industry. In addition to precision engineering and outstanding performance, AMD Direct products include our GOLD STANDARD LIFETIME WARRANTY with all replacement parts 100% non-prorated. Effective with purchases as of 3/1/23.

AMD Direct Warranty is valid for original purchaser at original site of delivery with proof of purchase and photo documentation only. Registration form must be submitted online within 30 days of the purchase date to validate the warranty. Warranty is void upon transfer of ownership. Warranty does not apply to products installed in any commercial, rental, or nonresidential application that have not maintained proper upkeep. Warranty covers replacement parts only. Manufacturer is not responsible for labor or labor-related costs. Warranty does not cover discoloration, surface rust, corrosion, or oxidation, which may occur due to harsh environments, chemicals, or overheating. Warranty will not apply for damage resulting from improper installations, abuse, extreme environments, grease fires, or misuse. Proof of regular and proper maintenance is required. Coastal, humid, and/or salt environments are subject to manufacturer review. All out-of-box claims must be made within 30 days of purchase and must be made prior to installation. Any product installed damaged will be considered damaged during installation and not covered under warranty. Warranty and registration forms are available at **[www.amddirect.com/register](http://www.amddirect.com/register)**. Please be advised - all display models are sold "as is" and the warranty covers the following items only: main burners (Gold Standard Lifetime Warranty), grates (Gold Standard Lifetime Warranty), burner covers (Gold Standard Lifetime Warranty). All warranties are subject to the review and approval of the manufacturer.

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## CONTACT US

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