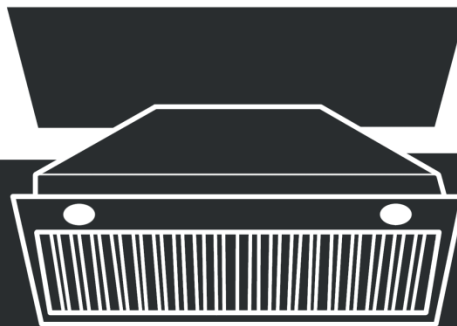




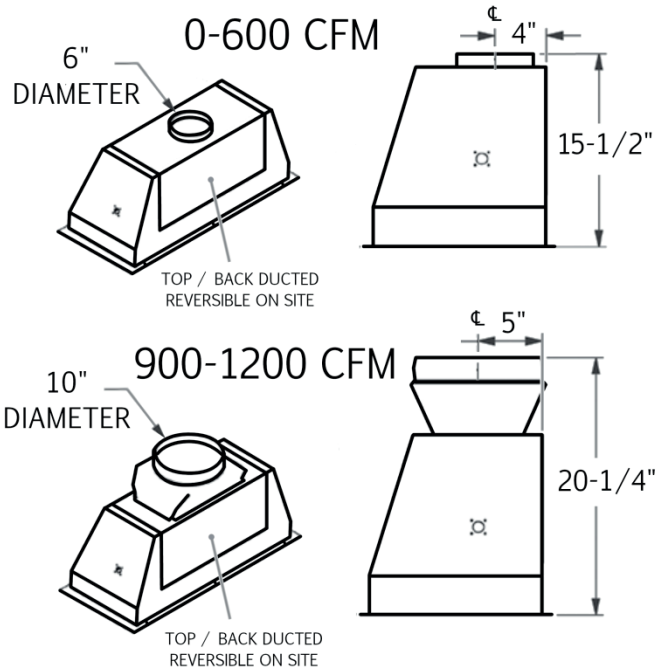
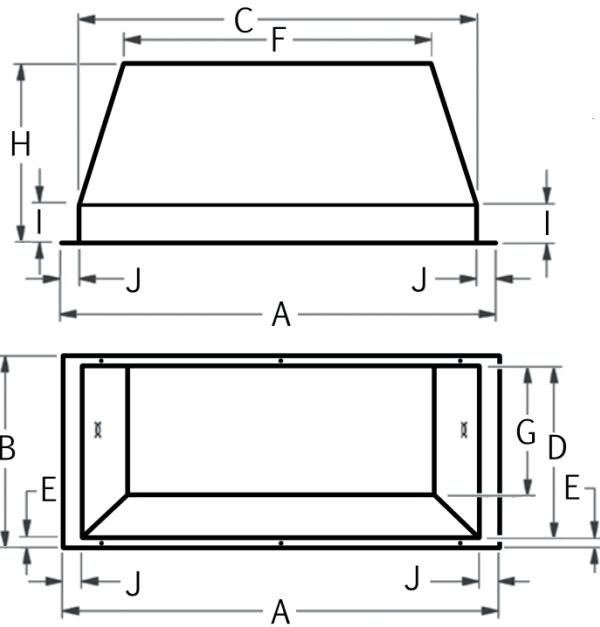
RANGE HOOD INSERTS

INSTALLATION & CARE MANUAL

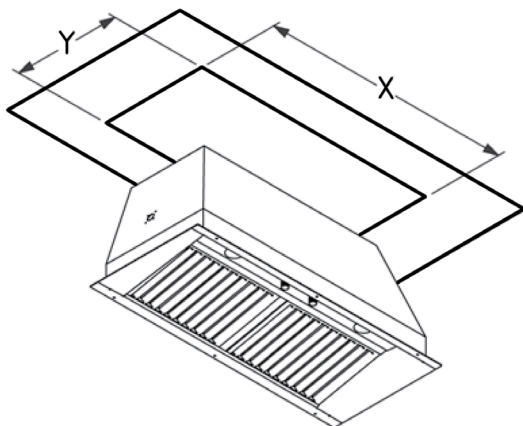


10 STICKLE AVENUE
ROCKAWAY NJ 07866

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		FO=EXTERNAL BLOWER		F6=600CFM INTERNAL BLOWER		F12=1200 CFM INTERNAL BLOWER					
		A	B	C	D	E	F	G	H	I	J
15" DEPTH	WMUI281514-F0/F3/F6	28"	15"	25"	13.5"	.75"	18"	10"	14"	3"	1.5"
	WMUI341514-F0/F3/F6/F9/F12	34"	15"	31"	13.5"	.75"	24"	10"	14"	3"	1.5"
	WMUI401514-F0/F3/F6/F9/F12	40"	15"	37"	13.5"	.75"	30"	10"	14"	3"	1.5"
	WMUI461514-F0/F3/F6/F9/F12	46"	15"	43"	13.5"	.75"	36"	10"	14"	3"	1.5"
	WMUI521514-F0/F3/F6/F9/F12	52"	15"	49"	13.5"	.75"	42"	10"	14"	3"	1.5"
	WMUI581514-F0/F3/F6/F9/F12	58"	15"	55"	13.5"	.75"	48"	10"	14"	3"	1.5"
18" DEPTH	WMUI281814-F0/F3/F6	28"	18"	25"	16.5"	.75"	17"	13.75"	14"	3"	1.5"
	WMUI341814-F0/F3/F6/F9/F12	34"	18"	31"	16.5"	.75"	23"	13.75"	14"	3"	1.5"
	WMUI401814-F0/F3/F6/F9/F12	40"	18"	37"	16.5"	.75"	29"	13.75"	14"	3"	1.5"
	WMUI461814-F0/F3/F6/F9/F12	46"	18"	43"	16.5"	.75"	35"	13.75"	14"	3"	1.5"
	WMUI521814-F0/F3/F6/F9/F12	52"	18"	49"	16.5"	.75"	41"	13.75"	14"	3"	1.5"
	WMUI581814-F0/F3/F6/F9/F12	58"	18"	55"	16.5"	.75"	47"	13.75"	14"	3"	1.5"



CUT-OUT DIMENSIONS			
15" DEPTH		18" DEPTH	
X	Y	X	Y
25 1/8"	13 5/8"	25 1/8"	16 5/8"
31 1/8"	13 5/8"	31 1/8"	16 5/8"
37 1/8"	13 5/8"	37 1/8"	16 5/8"
43 1/8"	13 5/8"	43 1/8"	16 5/8"
49 1/8"	13 5/8"	49 1/8"	16 5/8"
55 1/8"	13 5/8"	55 1/8"	16 5/8"

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SAFETY NOTICE

Your safety and the safety of others are very important to us. Always read and obey the safety messages contained in this manual. The installer should leave this manual with the customer who should retain for local inspector's use and for future reference.



WARNING: Alerts you to important safety information.



CAUTION: Indicates minor safety information or the possibility of damage to the product.



NOTE: Highlights important information.



TIP: Additional information to facilitate a procedure or the performance of the product.

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 performed by qualified professionals and in accordance with all applicable codes and standards, including fire rated construction.



WARNINGS:

DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.

Turning any switch ON before completing installation may cause ignition or an explosion.



CAUTIONS:

The range hood insert may have very sharp edges; please wear protective gloves when installing, servicing, or cleaning unit.

Excessive weight. Three or more persons are required to move and install this range hood insert. Less than three persons may result in spinal or other serious injury.

Installation and Application Considerations



WARNING:

Ensure the following to reduce the risk of fire, electric shock, or injury to persons:

- These range hood inserts are designed 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 published by the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigeration and Air Conditioning (ASHRAE), and the local code authorities.
- Before installation, servicing or cleaning the unit, switch OFF the power at the service panel and lock the service panel to prevent power from being switched ON accidentally.
- Ducted fans **MUST** always be vented outside. **DO NOT** vent exhaust into spaces between walls, crawl spaces, ceiling, attics, or garages.
- Use only metal smooth ductwork and smooth gradual turn elbows. **DO NOT** use flexible ductwork or sharp angle turn elbows.
- Sufficient air is needed for the proper exhausting of gases through the duct to prevent back drafting.
- ASHRAE residential ventilation standard 62.2 limits exhaust fans (total) to a maximum of 15 CFM per 100 square feet of living space, unless a back drafting test is performed or make up air is provided. Consult a local HVAC engineer for make up air evaluation.
- When cutting into the wall or ceiling, be careful not to damage electrical wiring or other hidden utilities.
- All electrical wiring must be properly installed, insulated and grounded using UL approved accessories by a licensed electrician.
- The range hood insert **MUST** be grounded using the green wire of the supply.
- Check all joints on ductwork to ensure proper connection and all joints should be taped with silver tape.

Important Care Information

- Use this unit only in the manner intended by manufacturer. If you have any questions, contact the dealer.
- Always turn the range hood ON 5 minutes before cooking to begin the flow of air.
- Clean ventilation filters frequently.



CAUTION:

DO NOT allow grease to accumulate on fan, filter, or baffles.

Disclaimer

The manufacturer and/or the distributor/reseller decline all responsibility and damages in the event of a failure to observe the instructions given here for installations, maintenance, and suitable use of the product. 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 insert. The manufacturer and/or the distributor/reseller further decline all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

Range hood inserts and installation conditions vary by situation. Each installation of our product must be managed and executed by an experienced professional. This installation guide serves only general and typical situations. Please contact your dealer with any questions.

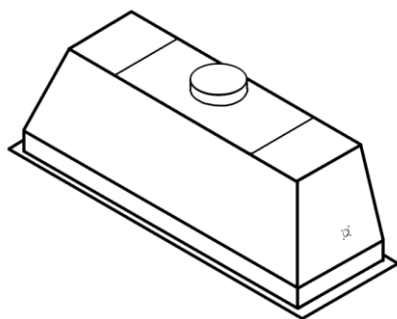
IN THE BOX

Each box contains the following items.

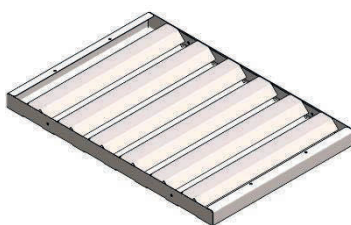


CAUTION:

Refer to HANDLING AND INSPECTION (page 8) for important information before removing items from the box.



1 Range Hood Insert (model varies)

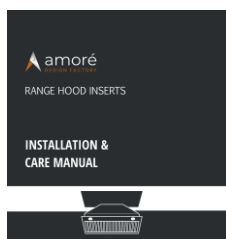


Stainless Steel Baffles (Ducted Systems)



Or Stainless Steel Baffles with Charcoal Filter (Ductless Systems)

1 Ziplock bag containing:



1 Installation & Care Manual



1 Pair of Cotton Gloves



1 E-Cloth

HANDLING AND INSPECTION

**CAUTION:**

Remove all rings, watches, belt buckles, jewelry, and clothing with metal buttons or snaps to prevent damage to range hood insert.

**TIP:**

Use the cotton gloves provided when handling the range hood insert to prevent scratches and to aid grip.

1. Once the installation area is prepared and you are ready to commence installation, remove the range hood insert from its carton and place it on a clean, soft blanket.

**CAUTION:**

DO NOT remove the range hood insert from its carton until you are ready to install it.

2. Inspect the range hood insert carefully for any damage or imperfections before you begin the installation. If any damage or imperfections are discovered, return the range hood insert to its carton and call your dealer IMMEDIATELY. Do not install a damaged range hood insert.

**CAUTION:**

DO NOT remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.

3. Locate the filters which will be packed separately.

VENTING METHODS

Ducted (Exhaust) Systems

Venting systems can terminate either through the wall or roof (see FIGURE 1). To vent through a wall a 90-degree elbow is required for top-ducted range hoods.

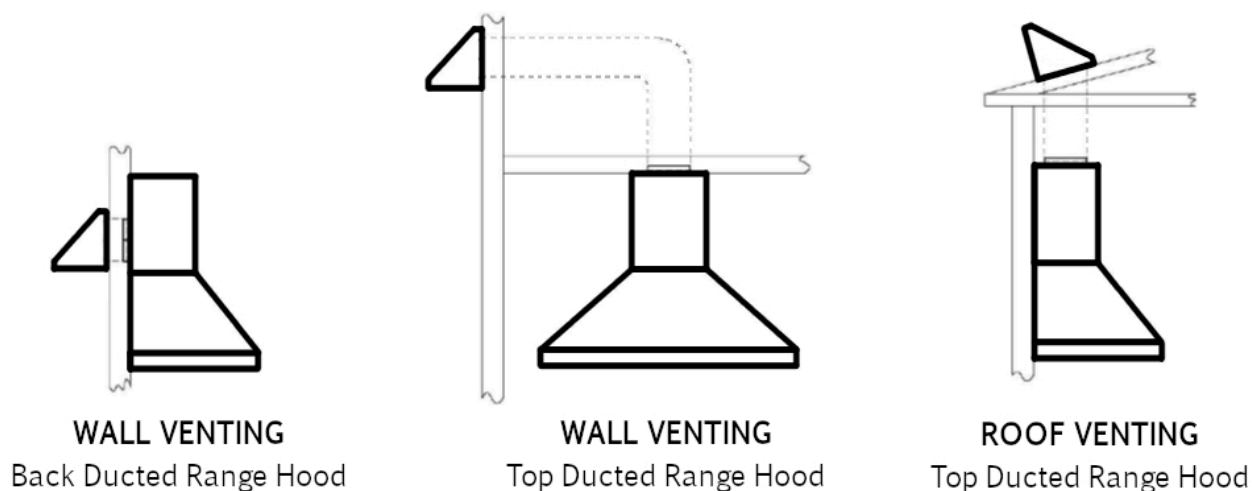


FIGURE 1: VENTING METHODS

Ensure the following principles when designing and installing ductwork (refer to FIGURE 2, page 11):

- **ALWAYS** exhaust the ductwork to the outside. **NEVER** terminate or exhaust ductwork into spaces between walls, crawl spaces, ceiling, attics, soffits, or garages.
- Use metal / aluminum ductwork only.
- For the 600 CFM exhaust blower system a minimum of a 6-inch diameter duct system must be installed.
- For the 1200 CFM exhaust blower system a minimum of a 10-inch diameter duct system must be installed.
- Ensure the opening of the damper is equivalent to the open area of the duct.
- If a long duct run is required, increase the duct size.
- Fasten all connections with sheet metal screws and tape all joints with certified Sliver Tape.
- Use caulking to seal external wall or roof opening around cap.

- Reduce turns or transitions to a maximum of two if possible (or use the lowest number possible). Install them as far as possible from the opening and as far apart as possible from each other.
- Limit the calculated length of the duct system to 50 feet.

i NOTE:

The calculated length is determined as follows:

- 1 ft of straight duct = 1 ft
- 90-degree elbow = 9 ft
- 45-degree elbow = 5 ft
- Caps = 0 ft (do not contribute to the calculated length of the system)

For example, if a duct system has 25 ft of straight duct, two 90 degree elbows, one 45 degree elbow and one roof cap, the calculated length of the duct system would be: $25\text{ft} + 9\text{ft} + 9\text{ft} + 5\text{ft} + 0\text{ft} = 48\text{ft}$.

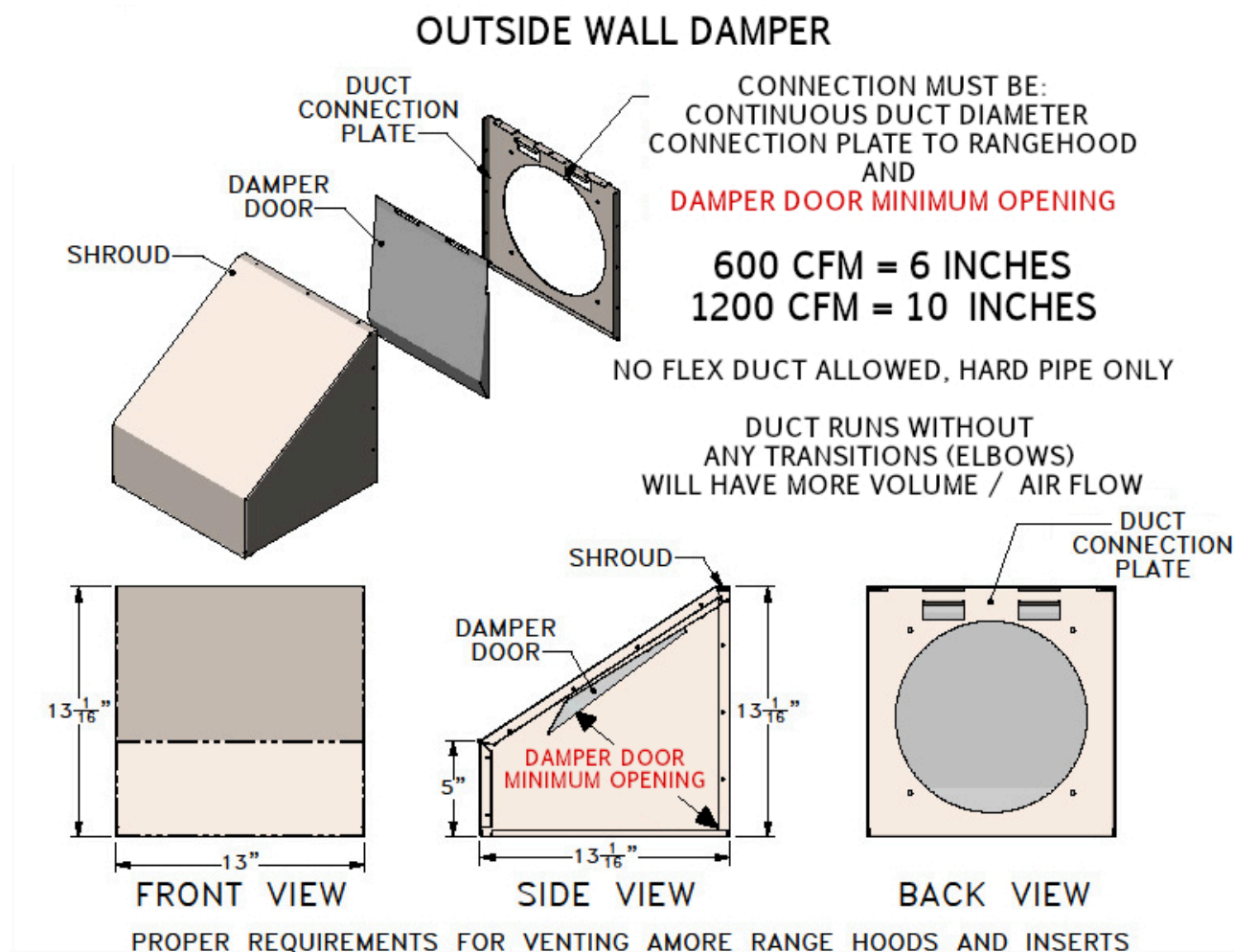


FIGURE 2: DUCTWORK AND DAMPER REQUIREMENTS

Ductless (Purification) Systems

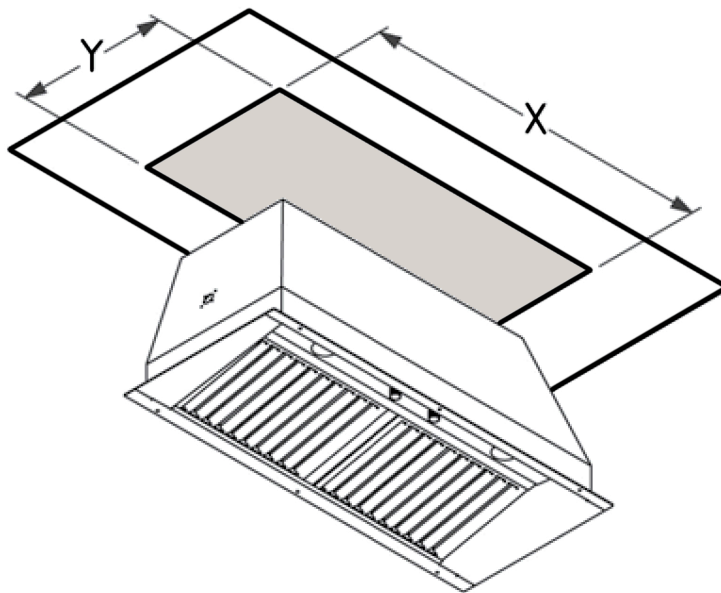
In ductless system installations, the hood insert provides a purification function instead of exhausting as in the ducted hood system. Fumes and exhaust from cooking is drawn and filtered by a set of charcoal filters. The air is purified and re-circulated back into the room.

The design incorporates a set of charcoal filters and an air-diverter in addition to the standard aluminum filter sets that exist in the vented hood system. The standard stainless filters are intended to capture residue from the cooking, the charcoal filters help to purify the fumes exhausted from the cooking, and the air-diverter redirects the filtered clean air back into the room.

INSTALLATION PREPARATIONS

DUCTED AND DUCTLESS SYSTEMS:

1. Put a thick, protective covering over the countertop/cooking surface to protect it from damage or dirt.
2. Remove any hazardous objects from the work area.
3. Verify that the insert cut-out is properly dimensioned under your cabinet or hood structure (SEE FIGURE 3)



Model	WALL MOUNT				CEILING MOUNT	
	15" Depth		18" Depth		20" Depth	
	X	Y	X	Y	X	Y
28" Wide	25-1/8"	13-5/8"	25-1/8"	16-5/8"	25-1/8"	18-5/8"
34" Wide	31-1/8"	13-5/8"	31-1/8"	16-5/8"	31-1/8"	18-5/8"
40" Wide	37-1/8"	13-5/8"	37-1/8"	16-5/8"	37-1/8"	18-5/8"
46" Wide	43-1/8"	13-5/8"	43-1/8"	16-5/8"	43-1/8"	18-5/8"
52" Wide	49-1/8"	13-5/8"	49-1/8"	16-5/8"	49-1/8"	18-5/8"
58" Wide	55-1/8"	13-5/8"	55-1/8"	16-5/8"	55-1/8"	18-5/8"

FIGURE 3: CUT-OUT DIMENSIONS

4. Verify the proper mounting height of the range hood insert (SEE FIGURE 4).

**NOTE:**

The recommended height is 30" to 36" above the cooking surface. If mounting more than 36" above the cooking surface, the hood should be at least 6" wider than the cooking surface to ensure proper capture of heat and grease.

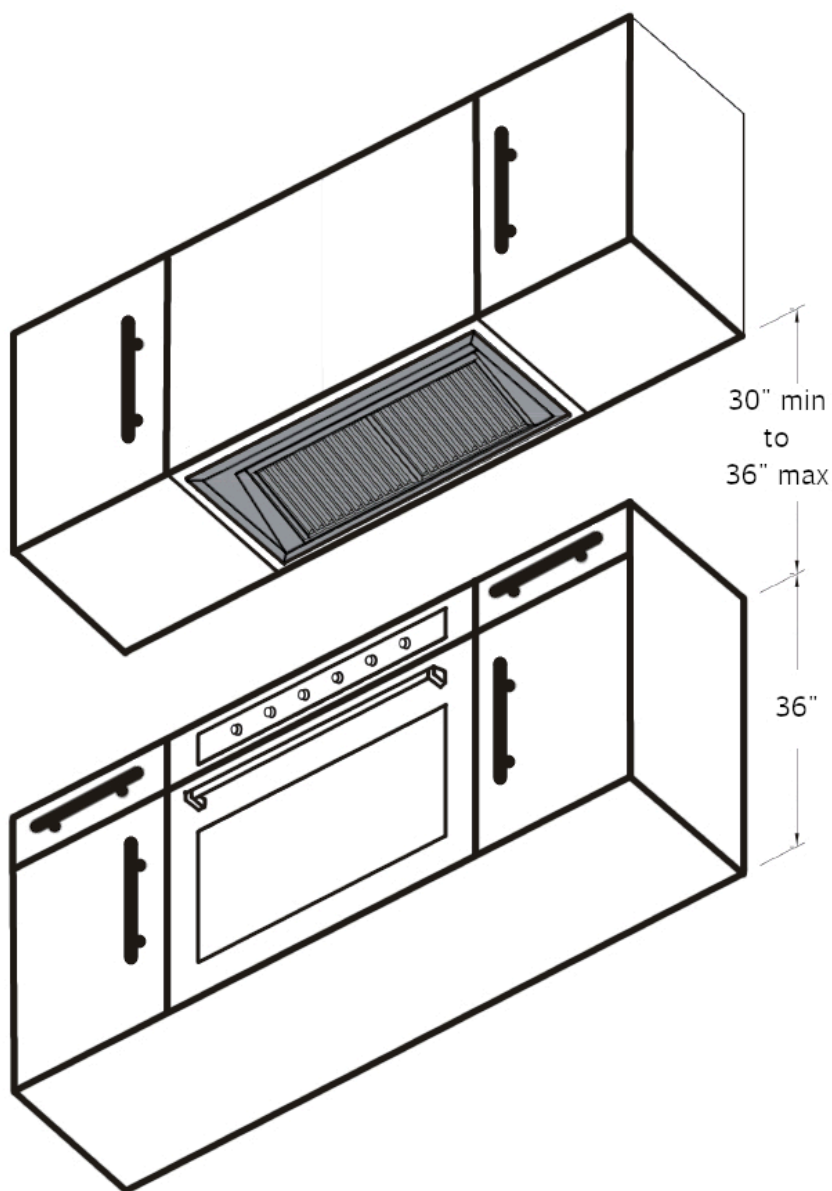


FIGURE 4: INSTALLATION HEIGHT

5. Locate the electrical power inlet hole on the side of the range hood insert (SEE FIGURE 5).

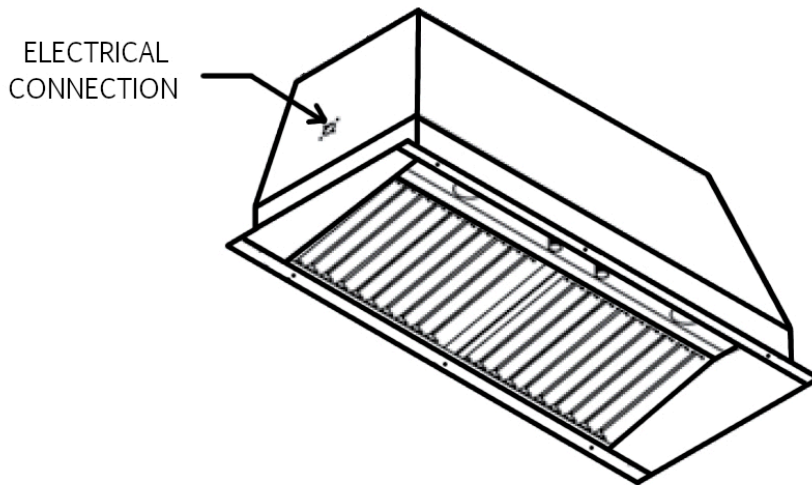


FIGURE 5: ELECTRICAL INLET HOLE LOCATION

6. Disconnect the main electric power, prepare and run a 115 volt, 15 amp electrical cable to the range hood insert's mounting location.



WARNING:

Electrical wiring must be performed by qualified professionals and in accordance with all applicable codes and standards, including fire rated construction.

DUCTED (EXHAUST) SYSTEMS ONLY:

7. Mark the location of the duct entrance in the ceiling or wall. Use a drill and saber saw or keyhole saw to cut the opening for the duct.
8. Install the ductwork from the ceiling or wall to the exterior of the house.



NOTE:

Refer to the ductwork requirements listed in VENTING METHODS, page 9.

INSTALLATION

Once the INSTALLATION PREPARATIONS (page 12) have been made, follow the installation steps that apply to your installation:

**WARNING:**

DANGER OF ELECTRIC SHOCK! Do not perform work on any live electrical system. Disconnect the main electrical supply before installing this range hood. Touching electrical connectors or other exposed electrical circuitry inside the range hood when energized could result in death, serious bodily injury, or property damage.

**CAUTIONS:**

The range hood insert may have very sharp edges; please wear protective gloves when installing, servicing, or cleaning unit.

Excessive weight. Three or more persons are required to move and install this range hood insert. Less than three persons may result in spinal or other serious injury.

Mounting the Insert

DUCTED AND DUCTLESS SYSTEMS:

1. Lift the range hood insert up into the cut-out under the cabinet or hood structure (SEE FIGURE 6)

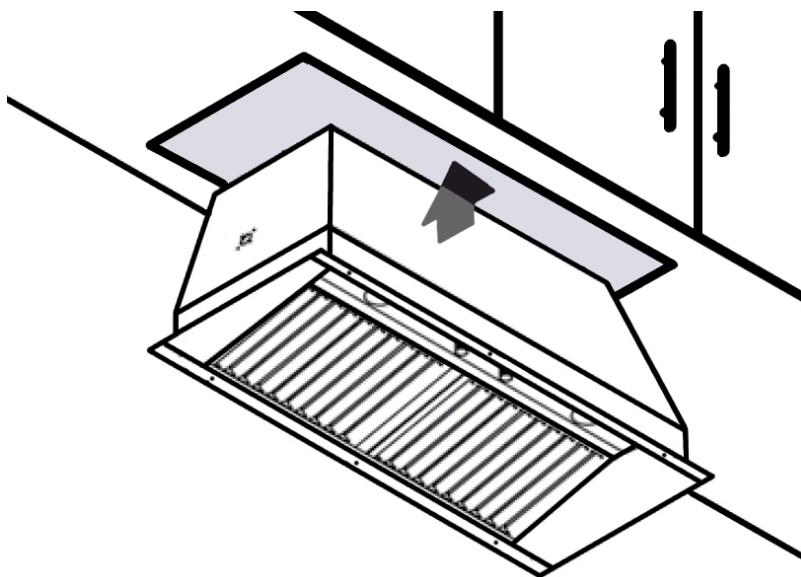


FIGURE 6: INSERT UP INTO CUT-OUT

2. Once inserted, use customer provided hardware to secure the flange to the mounting location using the flange perimeter mounting holes (SEE FIGURE 7)



WARNING:

Ensure the range hood insert is secured to with appropriate hardware for your selected mounting location.

DO NOT attempt to install this appliance yourself. Injury could result. Installation and must be performed by qualified professionals.



NOTE:

The quantity of flange perimeter mounting holes will vary by insert size. Be sure to secure the insert using **EVERY AVAILABLE MOUNTING HOLE ON THE FLANGE PERIMETER.**

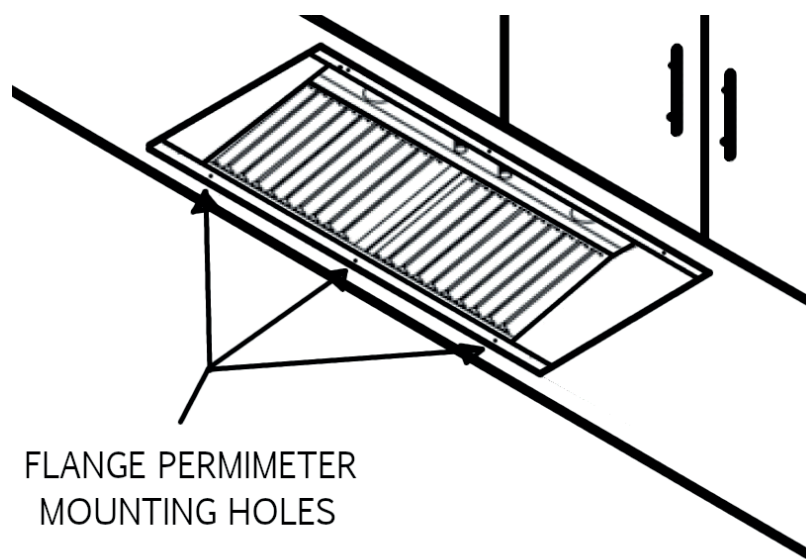


FIGURE 7: SECURE FLANGE TO MOUNTING LOCATION

DUCTED (EXHAUST) SYSTEMS ONLY:

3. Install the ductwork between the wall or ceiling and the starter collar on the hood. Fasten connections with sheet metal screws and tape joints with certified Sliver Tape to secure and ensure the connection is airtight.



NOTE:

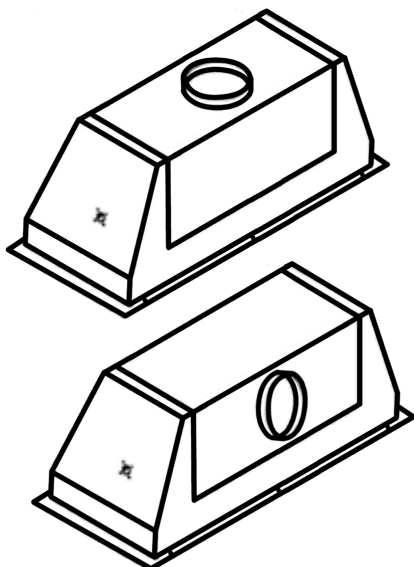
Extraction performance will be affected and may result in excessive noise if the ductwork connection is not airtight.



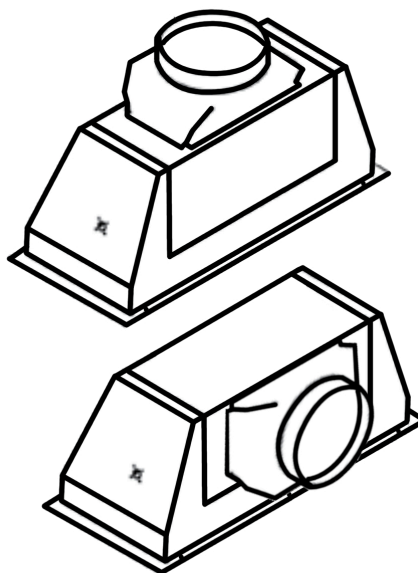
TIP:

Insert blower orientation is preset at factory, but can be changed from back ducted to top ducted (and vice versa) at job site if necessary.

TOP DUCTED VS BACK DUCTED
(0-600 CFM)



TOP DUCTED VS BACK DUCTED
(900-1200 CFM)



4. Continue to **Complete the Installation**, next page.

Complete the Installation



CAUTION:

DO NOT remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.

DUCTED AND DUCTLESS SYSTEMS:

1. Extend the electric power cable through the range hood insert and into the wiring box. Make sure the power cable is secured in the wiring box with an UL rated clamp.



WARNING:

Electrical wiring must be performed by qualified professionals and in accordance with all applicable codes and standards, including fire rated construction.

2. Referring to the Wiring Diagram displayed in FIGURE 8, connect the black and white wire of the power cable to the blank locations on the terminal block. Make sure:
 - a. the black wire is terminated opposite the existing black wire on the terminal block.
 - b. the white wire is terminated opposite the existing white wire on the terminal block.
 - c. the green wire from the electric power cable should be connected to the green screw in the wiring

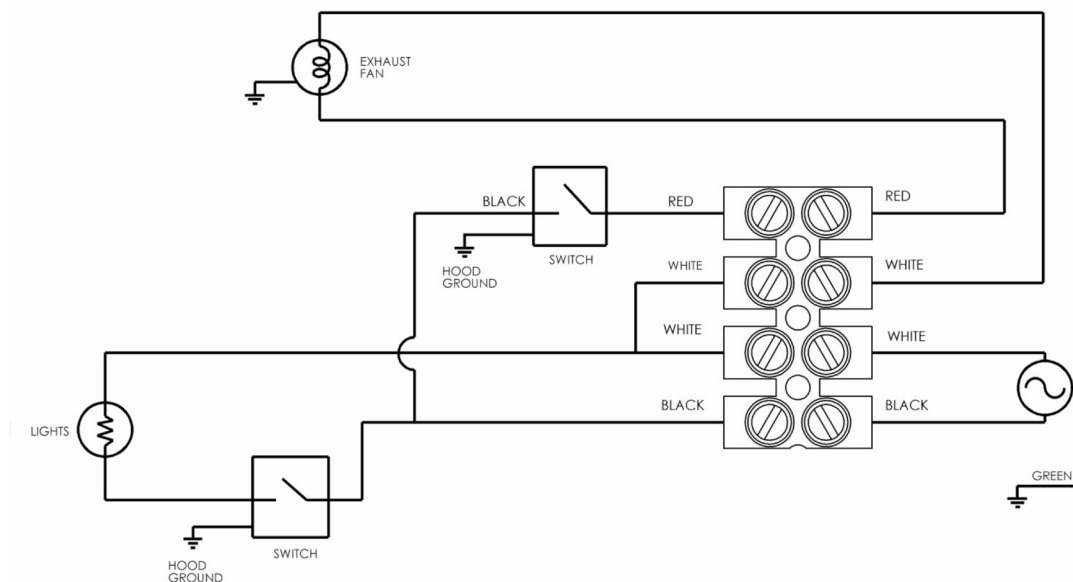


FIGURE 8: WIRING DIAGRAM

DUCTED AND DUCTLESS SYSTEMS:

3. Install the stainless steel baffle filters as follows:

- a. Angle the baffle filter and insert front edge into front channel of hood (FIGURE 9).

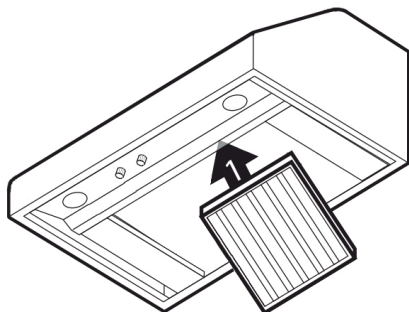


FIGURE 9: INSTALL THE STAINLESS STEEL BAFFLES – PART A

- b. Bring up the rear edge of baffle until it clears the back edge of hood (FIGURE 10).

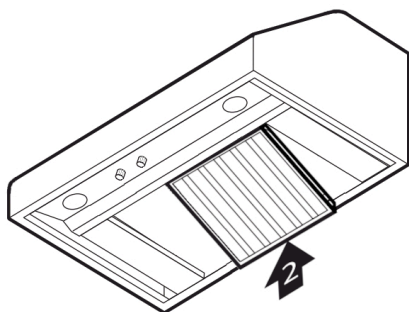


FIGURE 10: INSTALL THE STAINLESS STEEL BAFFLES – PART B

- c. Slide the baffle filter backward clearing the catch and rest securely on back edge of hood (FIGURE 11).

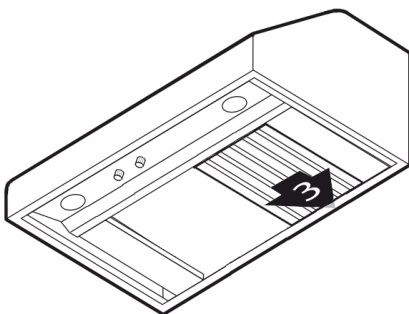


FIGURE 11: INSTALL THE STAINLESS STEEL BAFFLES – PART C

OPERATION



WARNINGS:

NEVER put your hands into the fan housing while the fan is operating. Danger of bodily injury.

This appliance is not to be used 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 the use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.

Turn the blower ON:

Turn the knob marked **Blower** clockwise until you hear a click. The first position after the click is the lowest speed for the blower. Continuing to turn the knob clockwise will increase the speed of the blower.

Turn the blower OFF:

Turn the knob marked **Blower** counterclockwise until you hear a click. Turning the knob counterclockwise also decreases the speed of the blower.



NOTE:

Always turn the range hood ON 5 minutes before cooking to begin the flow of air, and OFF 5 minutes after cooking to ensure gases and fumes are properly exhausted/purified.

Turn the lights ON:

Turn the knob marked **Lights** clockwise until you hear a click. The first position after the click is the highest brightness. Continue to turn the knob clockwise to lower the brightness.

Turn the lights OFF:

Turn the knob marked **Lights** counterclockwise until you hear a click. Turning the knob counterclockwise also increases lights to maximum brightness.

MAINTENANCE & CARE

**TIP:**

You can also find this information on our website. Scan this QR code with a smart phone to view our Maintenance and Care guidance online.

**WARNING:**

DANGER OF ELECTRIC SHOCK! Do not perform work on any live electrical system. Disconnect the main electrical supply before servicing this range hood. Touching electrical connectors or other exposed electrical circuitry inside the range hood when energized could result in death, serious bodily injury, or property damage.

**CAUTION:**

The range hood may have very sharp edges; please wear protective gloves when installing, servicing, or cleaning unit.

Cleaning Exterior Surfaces

- For daily cleaning, use the microfiber e-cloth provided dampened with warm, soapy water.
- For best results and, dry the surface completely with a towel to prevent spotting or glass rings.
- Clean the surface as often as needed, depending on heavy use and dust.

**CAUTION:**

DO NOT use steel wool or any other abrasive sponges or scrubber pads.

DO NOT use any chlorine-based cleaner or anything with chloride in it.

DO NOT use oven cleaner.

Cleaning Stainless Steel Baffle Filters

**CAUTION:**

DO NOT allow grease to accumulate on fan, filter, or baffles.

The stainless steel baffles supplied are designed to filter out residue and grease. These baffles do not need to be replaced regularly but must be kept clean to avoid risk of fire. Baffles should be cleaned after every 30 hours of use or once a month (whichever is first).

1. Remove the stainless steel baffles as follows:
 - a. Push up on rear of baffle to clear the catch and slide towards the front of the hood (FIGURE 12).

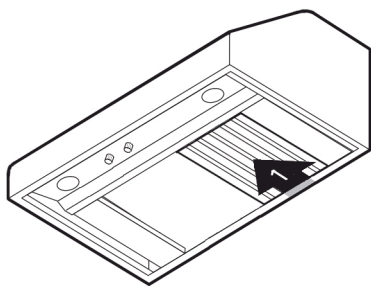


FIGURE 12: REMOVE THE STAINLESS STEEL BAFFLES – PART A

- b. Lower the rear edge of the baffle filter enough to clear the back edge of hood (FIGURE 13).

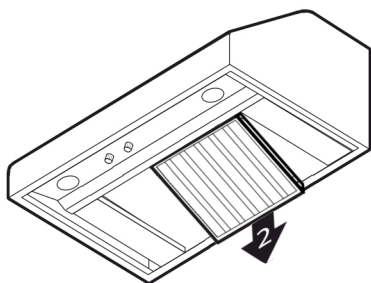


FIGURE 13: REMOVE THE STAINLESS STEEL BAFFLES – PART B

- c. Slide the baffle filter out of front channel of hood (FIGURE 14).

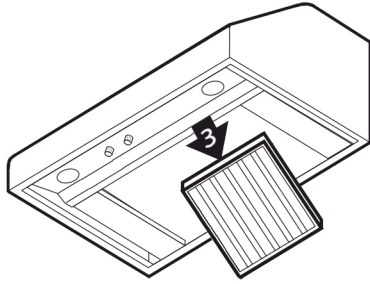


FIGURE 14: REMOVE THE STAINLESS STEEL BAFFLES – PART C

2. If the baffles contain a charcoal filter (purification systems), remove the charcoal filter and bracket assembly by releasing the screws around the perimeter before cleaning (FIGURE 15).

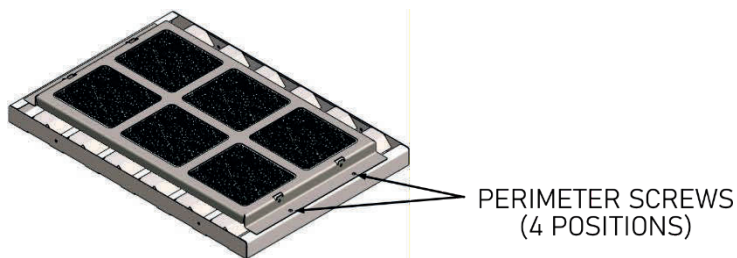


FIGURE 15: CHARCOAL FILTER REMOVAL

3. Clean the stainless steel baffles by hand or dishwasher.



TIP:

If the baffles are heavily soiled, spray on Formula 409 or equivalent degreasing detergent and leave to soak.

4. Once clean and dry, reinstall the charcoal filter if removed.
5. Reinstall the stainless steel baffles as follows:

- a. Angle the baffle filter and insert front edge into front channel of hood (FIGURE 16).

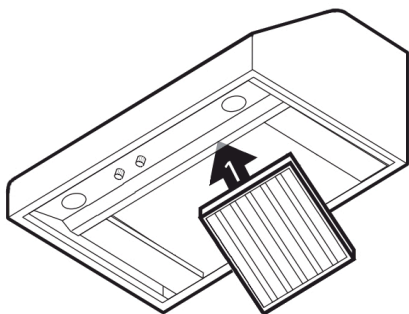


FIGURE 16: INSTALL THE STAINLESS STEEL BAFFLES – PART A

- b. Bring up the rear edge of baffle until it clears the back edge of hood (FIGURE 17).

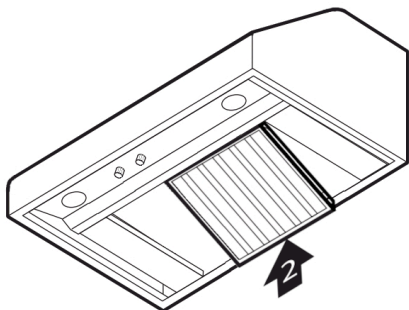


FIGURE 17: INSTALL THE STAINLESS STEEL BAFFLES – PART B

- c. Slide the baffle filter backward clearing the catch and rest securely on back edge of hood (FIGURE 18).

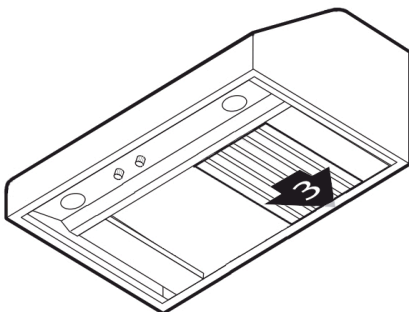


FIGURE 18: INSTALL THE STAINLESS STEEL BAFFLES – PART C

Charcoal Filter Change

**CAUTION:**

DO NOT place charcoal filters in the dishwasher.

Replace charcoal filters (FIGURE 15, page 23) when required. Replacements are sold by your retailer.

Light Bulb Replacement

**WARNING:**

DANGER OF ELECTRIC SHOCK! Ensure the hood circuit breaker is OFF and lights are OFF.

**CAUTION:**

The light bulbs become extremely hot when turned on. **DO NOT** touch bulbs until switched off and cooled. Touching hot bulbs could cause serious burns.

Replace bulbs with part number G5.3/FL/C, 110V, 50W (UPC: 844366034213) as follows:

1. Using the tips of your fingers or fingernails, gently pull the bulb downwards (FIGURE 19).

**NOTE:**

These bulbs have a push-in connection (not a twist connection).

**TIP:**

For easy removal, use a small suction cup to remove the bulb from its housing.

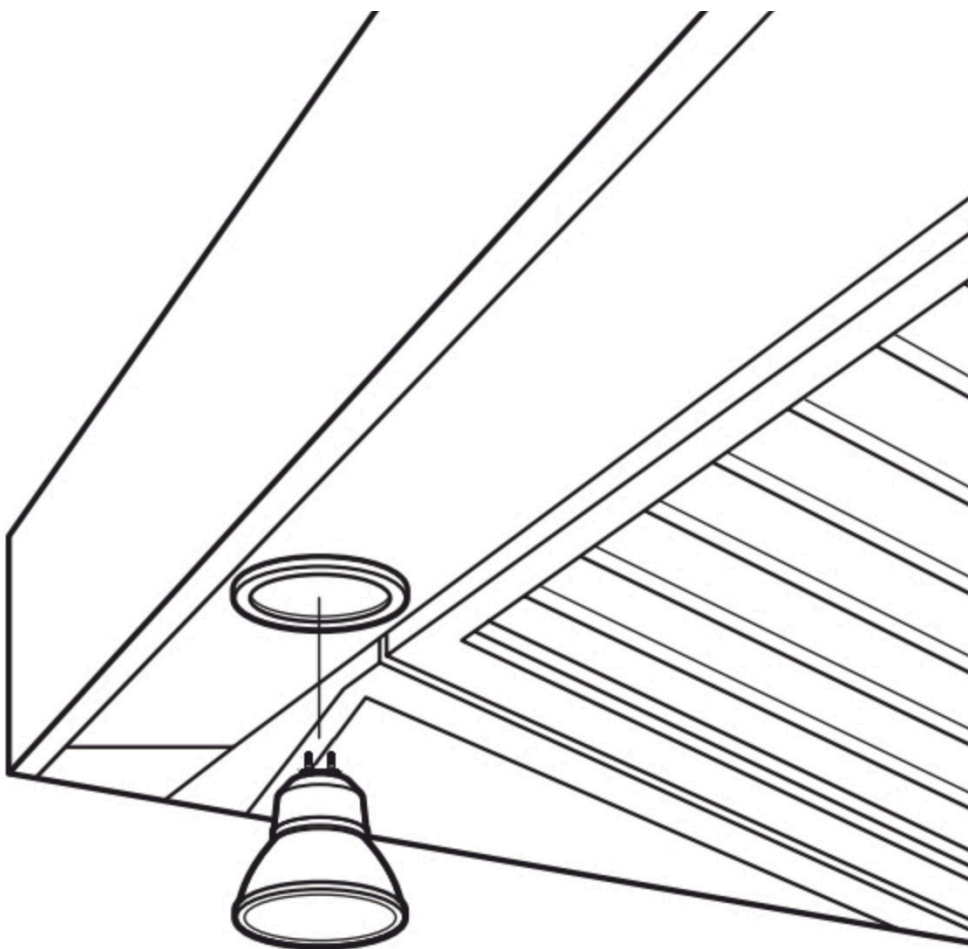


FIGURE 19: LIGHT BULB REPLACEMENT

2. Align the two connection prongs of the replacement bulb and push back into the bulb housing.

WARRANTY

Amore Design Factory’s warranty is extended to the original consumer purchaser of its products and includes:

ITEM	PERIOD
Electrical components	Twelve (12) months from the date of final billing
Factory installed internal fans (blowers)	Five (5) years from the date of final billing

Not included in warranty:

- ITEM**
- Light bulbs, mesh filters, and items fabricated to customer’s design
 - Normal wear of finishes
 - Work done by others or materials supplied by others as part of the installation of Amore Design Factory products
 - Damage caused by improper or negligent handling, installation, repair, or service
 - Damage caused by improper use, lack of maintenance, or accident

Visit our website below or scan the QR code from a smart phone for more information on replacement parts:

<https://amoredesignfactory.com/maintenance-and-care/>





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