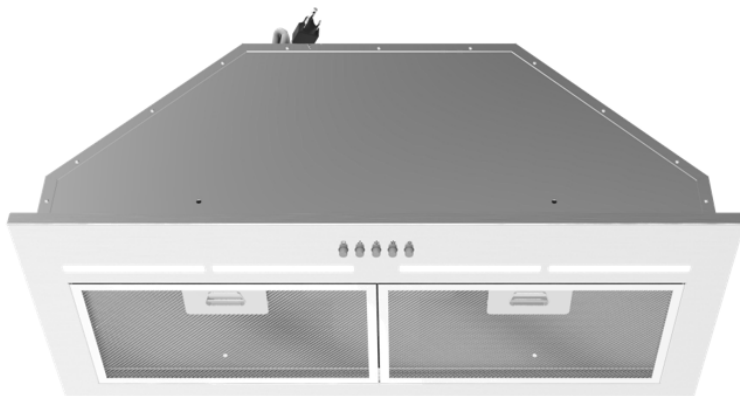


Professional Built-In Range Hood

Installation Guide & Users Manual



Model Name: KMB02M

Available Sizes: 30" or 36"

NOTICE:

For residential use only.

Installer: Leave this guide with the homeowner.

Homeowner: Keep this guide for future reference.

Visit: www.itylza.com

Email: support@itylza.com

phone number: +1(213)352-5535



THANK YOU FOR YOUR PURCHASE

Thank you for your purchase. We know that you have many brands and products to choose from and we are honored to know that you have decided to take one of our products into your home and hope that you enjoy it.

We follow the most advanced manufacturing philosophy. Each appliance leaves the factory after thorough quality inspection and testing. We are ready to answer any questions you may have regarding how to install, use and care for your products. We hope that this manual will help you learn to use the product in the safest and most effective manner.

If you have any questions or concerns, please contact our Customer Support at: ***support@itylza.com***

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IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

Save these instructions for future references

Approved for residential appliances

For residential use only

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS OR VAPORS.

CAUTION

To reduce risk of fire and to properly exhaust air, do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces, or garages.

WARNING

TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK. Install this hood in accordance with all requirements specified.

WARNING

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

- A. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
- B. Before servicing or cleaning the unit, switch power off at service panel and lock service panel 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.
- C. Installation Work and Electrical Wiring Must Be Done By Qualified Person(s) In Accordance With all Applicable Codes & Standards, Including Fire-rated Construction.
- D. Sufficient air is needed for proper combustion and exhausting of gases through the flue (Chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturers guideline and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- E. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- F. Ducted systems must always be vented to the outdoors.

WARNING

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.

WARNING

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

A. **SMOTHER FLAMES** with a close-fitting lid, cookie sheet, or other metal tray, then turn off the gas burner or the electric element. **BE CAREFUL TO PREVENT BURNS.** If the flames do not go out immediately, **EVACUATE AND CALL THE FIRE DEPARTMENT.**

B. **NEVER PICK UP A FLAMING PAN** - you may **DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result.

Always leave safety grills and filters in place. Without these components, operating blowers could catch onto hair, fingers and loose clothing. The manufacturer 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 further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

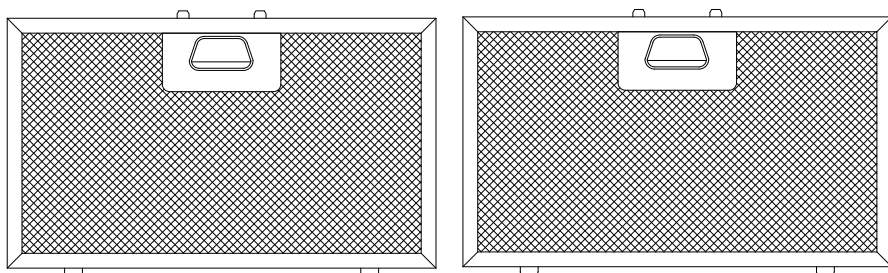
WARNING

To Reduce The Risk Of Fire Or Electric Shock, Do Not Use This Hood With Any External Solid State Speed Control Device.

WARNING

Unplug or disconnect the appliance from the power supply before servicing.

ALUMINUM FILTERS



About Your New Filters

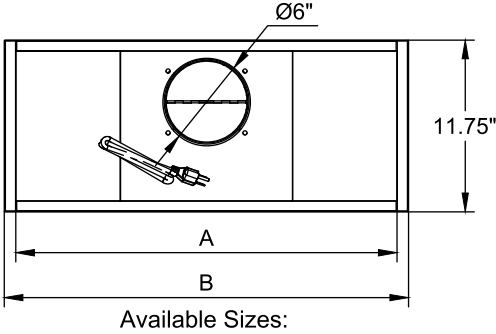
Aluminum Filters are recommended to be replaced every 6 months depending on usage.

Cleaning my Aluminum Filters

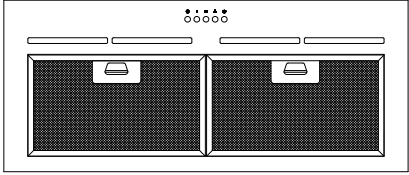
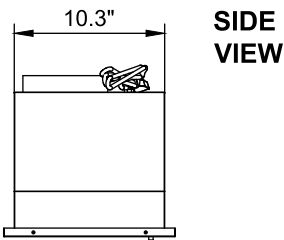
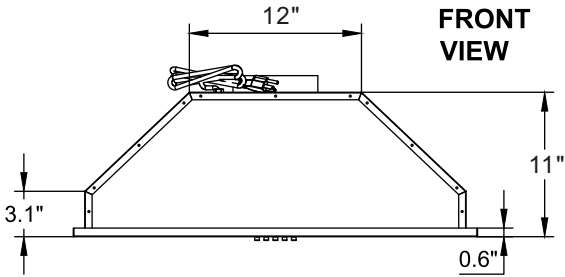
Your filters can be hand washed and cleaned to increase time between replacements. Aluminum Filters may not be placed in the dishwasher.

MEASUREMENTS & DIAGRAMS

***All inch measurements are converted from millimeters. Inch measurements are estimated.
***All measurements in () are millimeters.

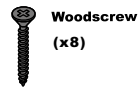
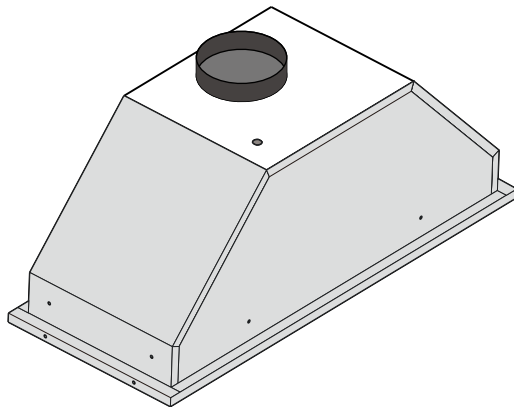


KMS-M		
Model	A	B
30"	26.3"	27.9"
36"	33.85"	35.4"

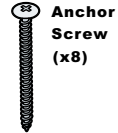


PARTS DIAGRAM

Ø - 6" Vent Pipe



**Woodscrew
(x8)**

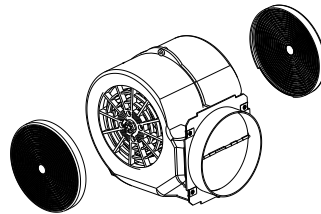


**Anchor
Screw
(x8)**

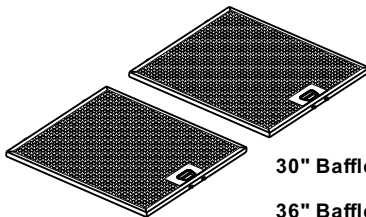


**Self-Drilling
Plastic
Drywall
Anchor
(x8)**

Charcoal Filter(x2)



blower Motor System



30" Baffle Filters (x2)

36" Baffle Filters (x3)

INSTALLATION 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" (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 duct clean to ensure proper airflow.
- Calculate the following figures before installation:
 1. *Distance from the floor to the ceiling.*
 2. *Distance between the floor to the countertop/stove (recommend* 24" to 30").*
 3. *Distance between the countertop/stove to the range hood.*
 4. *Height of hood and duct cover.*

For the most efficient & quiet operation:

- A distance of 24" to 30" is recommended between stove top and the bottom of range hood (30" min for 9' ceilings)
- It is recommended that the range hood be vented vertically through the roof through 6" or bigger round metal/aluminum vent work.
- The size of the vent should be uniform.
- Use no more than three 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.
- The vent system must have a damper. If roof or wall cap has a damper, DO NOT use damper (if supplied) on top of the range hood.
- Use aluminum tape to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap. **USE 6" ROOF OR WALL VENT CAP MINIMUM.**

TOOLS NEEDED FOR INSTALLATION



Measuring tape



Level



Safety Gloves



Pencil



Tape



Safety Goggles



⊕ Phillips screwdriver



⊖ Flathead screwdriver



Hammer



Drill

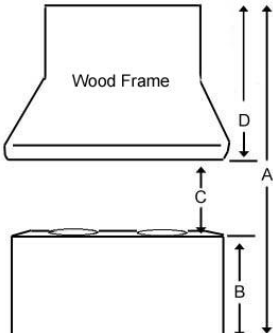
INSTALLATION

PLEASE READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING

Calculation before installation

To calculate installation, please refer to TABLE 1. (All calculation in inches).

- FOR BUILT-IN / INSERT -

TABLE 1 A = Height of Floor to Ceiling B = Height of Floor to Counter Top (Standard: 36") C = Height of Counter Top to Wood Frame Bottom (Recommended 26" to 30") D = Height of Wood Frame	
---	---

⚠ SAFETY WARNING

- HOOD MAY HAVE SHARP EDGES, PLEASE WEAR PROTECTIVE GLOVES IF REMOVING ANY PARTS FOR INSTALLING, CLEANING, OR SERVICING.
- BE CAREFUL WHEN USING ELECTRICAL SCREWDRIVER, DAMAGE TO THE HOOD MAY OCCUR. USING HAND TOLLS IS RECOMMENDED. DO NOT TIGHTEN SCREWS.
- MAKE SURE TO PREVENT ANY DEBRIS FROM ENTERING THE VENT OPENING TO AVOID DAMAGE OR MALFUCTION.

INSERT INSTALLATION

Before Installation

1. Read any provided document(s).
2. Test the range hood by temporarily connecting it to an outlet and turning ON the fan and lights.
3. If failure or any problem occurs to your product after purchase, please contact us, or you can always contact our customer service through email at support@itylza.com.

Venting Requirements

4. The range hood has top 6" round exhaust (default).
5. Decided the location of the venting pipe from the hood to the outside. A straight, short vent run will allow the hood to perform more efficiently. Try to avoid elbows, transitions, and long run as much as possible as this may reduce the performance of the hood. Make sure that the duct work leads to the outside.

INSTALLATION (Continued)

6. It is recommended to use metal / aluminum duct/pipe with a uniform size (ex. 6" round pipe from range hood to the outside).
7. If an elbow is necessary, a minimum of 12" straight run is necessary before the elbow.

Clearance

8. Clearance is the distance between the cooktop and the bottom of the range hood. The recommended minimum clearance for this model is 26" and the maximum clearance is 30".
9. It is important to install the hood at the recommended clearance. Installing too low could result in damage and/or fire hazard while installing too high may result in reduced performance and efficiency.

Hood Installation

10. The hood has to be installed inside the cabinet. It is recommended to install a front and rear stud support. Refer to Figure 1. The stud supports are located 1-1/2" from the rear and 2" from the front.
11. Determine and mark the centerlines on the base of the hood frame where the insert will be installed.
12. Determine and make all necessary cuts in the wall or ceiling of the ductwork. Note: Install the duct work before installing the hood.
13. Cut out the opening where the hood will be installed. Refer to Figure 2.
14. Slide the hood to the opening.
15. Locate the screw holes (2) on each side of the hood. Adjust the level of the hood casing support according to the thickness of the base.
16. Secure the hood using the screw holes that are located at the front and back of the unit (screw provided). Refer to Figure 3.
17. Make sure the hood casing support is secure before releasing.

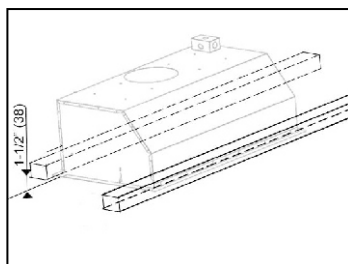


Figure 1

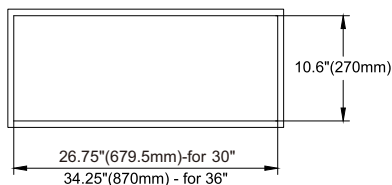
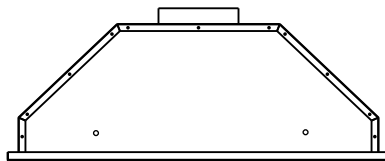


Figure 2

Ductwork

18. Connect the pipe to the vent adapter and seal the joint with duct pipe. Make sure it is completely tight.



*Note: Sample image only. May not be actual model.

Figure 3


INSTALLATION (Continued)

Electrical Wire

19. Connect the range hood to an outlet.
20. If hardwired is desired, cut off the plug and connect three wires to the outlet wires and cap with wire connectors. Connect the wires according to color (ex. black to black).

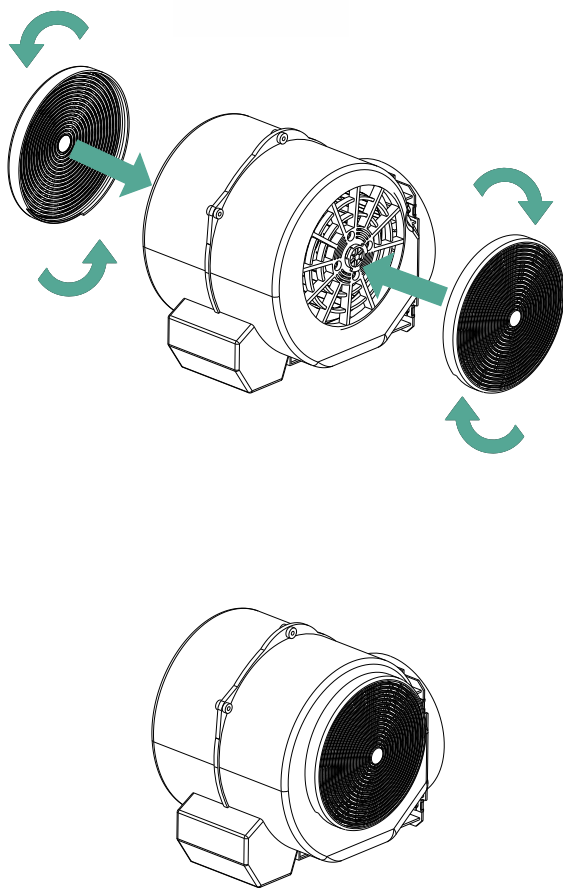
Finish

21. Remove any protective film from the hood, if any.
22. Before using, make sure that any accessories such as baffle filters are properly installed when applicable.
23. Test the range hood to see if it is working properly.

 THIS RANGE HOOD MUST BE PROPERLY GROUNDED. MAKE SURE THIS IS DONE BY A 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.

RECIRCULATING CHARCOAL FILTERS

Skip this step if you are installing a Ducted Range Hood. Charcoal Filters are only included with Ductless Models.

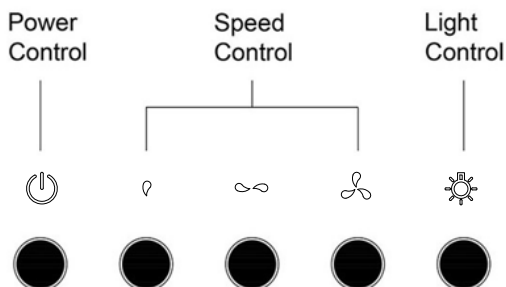


Capable of Vent-less or recirculation Operation, please install this charcoal carbon filter as picture.(NO NEED TO DISASSEMBLE THE VOLUTE)

Warning: if installed this charcoal filter to be ductless or recirculation mode, the noise would be more loudly, and the airflow would be less.

OPERATING INSTRUCTIONS

3-Speed Mechanical Control



Note: For best results, turn fan on prior to any preparation or cooking and keep fans running while cooking. Adjust speed as needed.

Button Control

- ⏻ = Turns the range hood ON/OFF.
- ☪ = Lowest fan speed (QuietMode)
- ∞ = Middle fan speed (Low)
- ☪ = Highest fan speed (High)
- ☀ = Turns the lights ON/OFF

Power Control

To turn the hood off, press the ⏻ button once while it is ON.

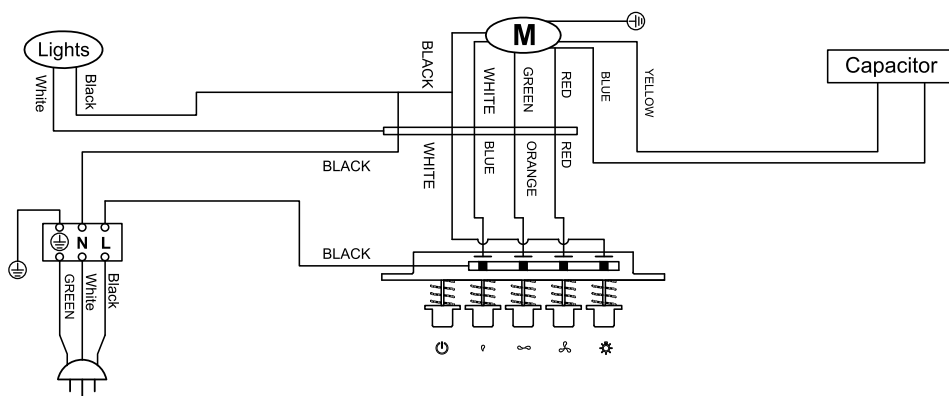
Speed Control

Press the speed buttons (☪ ∞ and ☪) to increase/decrease the fan speed level.

Light Control

Press the light button to turn ON/OFF the lights

WIRING DIAGRAM



MAINTENANCE

For optimal performance, clean the range hood surface and filters regularly.

To Clean Hood Surface

CAUTION: NEVER USE ABRASIVE CLEANERS, PADS, OR CLOTHS.

***Regular care will help preserve its fine appearance.

1. Use only mild soap or detergent solutions. Dry surfaces using soft cloth.
2. If hood looks smudged (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 hood finish.** Use soft towel to wipe off the cleaning solution, gently rub off any stubborn spots. Use dry soft towel to dry the hood.
3. DO NOT allow deposits to accumulate or remain on the hood.
4. DO NOT use ordinary steel wool or steel brushes. Small bits of steel may adhere to the surface and cause rusting.
5. 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 to the hood. Rinse with water after exposure and wipe dry with a clean lint free cloth.

For Baffle Filter models only: to Clean Baffle Filter / Oil Tunnel

CAUTION: DRAIN OIL FROM BAFFLE FILTERS, SPACERS & OIL TUNNEL REGULARLY TO PREVENT OVERFLOW.

1. Remove all the baffler filters, spacers and oil tunnel. Note: Not all models have spacers and oil tunnel.
2. Using a sponge, wash with warm soapy water. Dry completely before returning into place.

CAUTION: SHARP EDGES

(Note: Baffle Filters are top rack dishwasher safe)

For Aluminum Filter models only: to Clean Aluminum Filter

CAUTION: CLEAN THE FILTERS PERIODICALLY.

1. Remove all the aluminum filters.
2. Using a sponge, wash with warm soapy water. Dry completely before returning into place.

CAUTION: SHARP EDGES

BULB REPLACEMENT



WARNING

Hazard of Burns

Light bulb can become extremely hot when turned on.
DO NOT touch bulb until switched off and cooled.
Touching hot bulbs could cause serious burns.



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.

Replacing LED 3W 12V Light Fixture:

1. Ensure the range hood's plug is unplugged or the circuit breaker is switched off, and the light feels cool to the touch.
2. Remove both grids, unscrew the screws on both sides with a screwdriver, disconnect the wires from the light and remove the panel.
3. Forcefully pry open the clips on both sides.
4. Remove the damaged light fixture.
5. Repeat the above steps to install the new LED light.
6. Turn on the circuit breaker and range hood to test if it's working properly.

TROUBLESHOOTING

CAUTION: ALWAYS UNPLUG UNIT FROM POWER BEFORE SERVICING

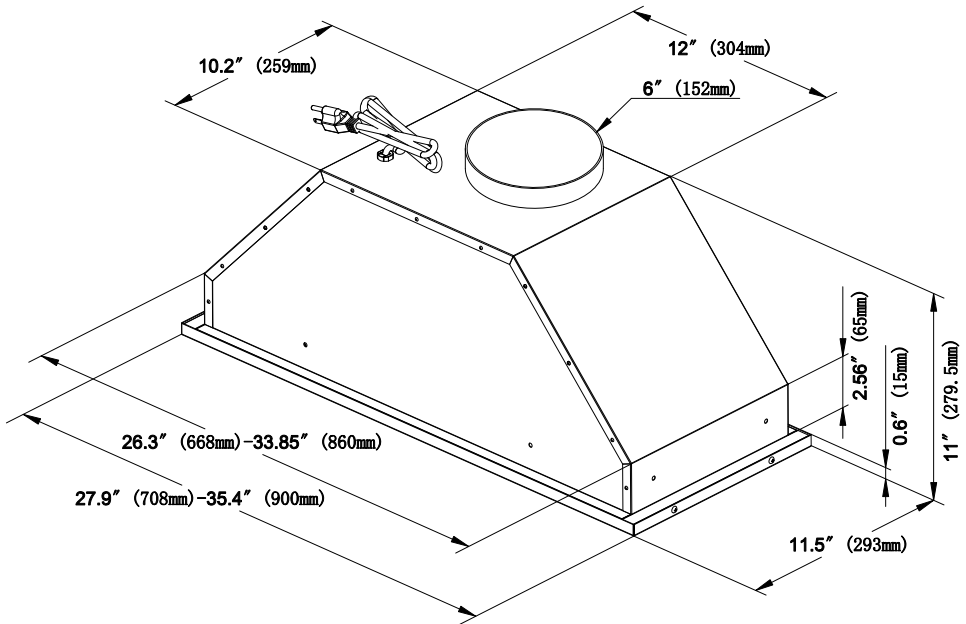
PROBLEM	SOLUTION	TOOLS
My range hood is noisy.	A. Check inside the range hood for any loose debris and remove.	Phillips Screwdriver
My range hood has poor performance.	<p>A. The range hood and cook top are too far away from each other. Optimal distance is 24" to 36"</p> <p>B. There are too many open windows or doors in the area. Close some doors or windows.</p> <p>C. The motor performance has decreased due to wear. Replace motor.</p> <p>D. Check and make sure the tape holding down the damper flaps at the vent hole are removed before use.</p>	Phillips Screwdriver
My range hood shakes.	<p>A. The installation is not secure. Check again and make sure the installation hardware is securely mounted.</p> <p>B. The fan is broken or not balanced. Realign or replace fan.</p> <p>C. The motor is loose. Check and make sure the motor is solidly mounted to the unit.</p>	Phillips Screwdriver
The motor no longer runs.	<p>A. Replace control panel or circuit board.</p> <p>B. Replace with new motor assembly.</p>	Phillips Screwdriver
Light bulb went out.	A. Replace with a new LED Bulb 3watt max.	Phillips Screwdriver

MEASUREMENTS & DIAGRAMS

***All inch measurements are converted from millimeters. Inch measurements are estimated.

***All measurements in () are millimeters.

MODEL NO.: KMB02M-30"
KMB02M-36"



WARRANTY AND SERVICE

Warranty Period

1. Customers are entitled to replacement or free repair service in case of quality defect(s) found in the product within 15 days upon receipt of the product.
2. Customers are entitled to free repair service from us for any product proven defective in material or workmanship that results in product failure during normal consumer usage and conditions within the valid warranty period, which is 12 months counting from the date of selling. However warranty period varies by product component and country of purchase. Please contact our after-sales service team via **support@itylza.com** for detailed warranty information.

Warranty Exclusions

1. Products subjected to unauthorized repair, misuse, collision, neglect, mishandling, soaking, accident, and unauthorized alteration.
2. Products subjected to improper use or whose labels or security tags have been torn off or altered.
3. Products whose warranty has expired.
4. Products damaged due to force majeure, such as fire, flood, lightening, etc.

Warranty Claim Procedure

1. If failure or any problem occurs to your product after purchase, please contact us, or you can always contact our customer service through email at **support@itylza.com**.
2. Our customer service will guide you through the whole service procedure regarding any product issue or problem you have encountered. We reserve the right to reexamine damaged or returned products.

Contact Card

E-mail: support@itylza.com

phone number: +1(213)352-5535



Correct Disposal of this product:

This marking indicates that this appliance should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.