

KOBE®

KOBE Range Hoods

Brillia Series

Model No. OVS-CHX8130SQB-40 (30")
OVS-CHX8136SQB-40 (36")



INSTALLATION INSTRUCTIONS
AND OPERATION MANUAL

IMPORTANT READ THIS FIRST

READ BEFORE INSTALLATION

1. Carefully check all contents of packages.
2. Thoroughly inspect the unit for any shipping damages, cosmetic damages or defects.
3. Have a certified contractor/electrician test the unit before installation.

IF THERE IS ANY PROBLEM:

1. **DO NOT INSTALL THE UNIT AND KEEP ALL ORIGINAL PACKAGING MATERIAL.**
2. Have your original invoice as proof of purchase and product serial number ready.
3. Contact your merchant for product replacement due to shipping damages, cosmetic damages or defects.
4. For all other issues, call 1-877-BUY-KOBE (289-5623), or e-mail to info@koberangehoods.com.

NO RETURN, NO REFUND, NO EXCHANGE IF:

1. **PRODUCT HAS BEEN INSTALLED**
2. **KNOCK-OUT HOLES HAVE BEEN PUNCTURED**
3. **MISSING ORIGINAL PACKAGING MATERIAL
AND/OR PARTS**

[ENGLISH]

- READ AND SAVE THESE INSTRUCTIONS -

CONTENTS

IMPORTANT SAFETY INSTRUCTIONS	1
COMPONENTS OF PACKAGE.....	3
INSTALLATION.....	4
OPERATING INSTRUCTIONS.....	8
MAINTENANCE	9
SPECIFICATIONS	10
MEASUREMENTS & DIAGRAMS.....	11
PARTS LIST.....	13
CIRCUIT DIAGRAM.....	15
TROUBLE SHOOTING	16
WARRANTY	17
PRODUCT REGISTRATION	19

- READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING -

ALL WIRING MUST BE DONE BY A PROFESSIONAL AND IN
ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.



IMPORTANT SAFETY INSTRUCTIONS

- PLEASE READ THIS SECTION CAREFULLY BEFORE INSTALLATION -

⚠ WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY, OBSERVE THE FOLLOWING:

- 1) Installation and electrical wiring must be done by qualified professionals and in accordance with all applicable codes and standards, including fire-rated construction.
- 2) When cutting or drilling into wall or ceiling, be careful not to damage electrical wiring or other hidden utilities.
- 3) Ducted fans must be vented to the outside.
 - a) Before servicing or cleaning unit, open the light panel and SWITCH POWER OFF AT SERVICE PANEL.
 - b) Clean all grease laden surfaces frequently. To reduce the risk of fire and to disperse air properly, make sure to vent air outside. DO NOT vent exhaust air into wall spaces, attics, crawl spaces or garages.

NOTE - This warranty is void without an authorized agent's receipt or if unit is damaged due to misuse, poor installation, improper use, mistreatment, negligence or any other circumstances beyond the control of KOBE authorized agents. Any repair carried out without the supervision of KOBE authorized agents will automatically void the warranty.

- KOBE 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.

⚠ WARNING: TO REDUCE THE RISK OF PERSONAL INJURY IN THE EVENT OF A RANGE TOP GREASE FIRE:

- Keep all fan, baffle/spacer/filter/oil tunnel/oil container and grease-laden surfaces clean. Grease should not be allowed to accumulate on fan, baffle/spacer/filter/oil tunnel/oil container.
- Always turn hood ON when cooking.
- Use high settings on cooking range ONLY when necessary.
- Do not leave cooking range unattended when cooking.
- Always use cookware and utensils appropriate for the type and amount of food prepared.
- Use this unit only in the manner intended by the manufacturer.
- Before servicing, switch power off at service panel and lock service panel (if possible) to prevent power from switching on accidentally.
- Clean ventilating fan frequently.

What to Do In The Event Of a Range Top Grease Fire

- SMOTHER FLAMES with a tight fitting lid, cookie sheet, or metal tray, and then turn off the burner. KEEP FLAMMABLE OR COMBUSTIBLE MATERIAL AWAY FROM FLAMES. If the flames do not go out immediately, EVACUATE THE AREA AND CALL THE FIRE DEPARTMENT or 911.
- NEVER PICK UP A BURNING PAN – You May Get Burned.
- DO NOT USE WATER, including wet dishcloths or towels – a violent steam blast will result.
- Use an extinguisher ONLY if:
 - a) You have a Class A, B, C extinguisher and know how to operate it.
 - b) The fire is small and contained in the area where it started.
 - c) The fire department has been called.
 - d) You can fight the fire with your back to an exit.

What to Do If You Smell Gas

- Extinguish any open flame.
- Do not try to turn on the lights or any type of appliance.
- Open all doors and windows to disperse the gas. If you still smell gas, call the Gas Company and Fire Department right away.

CAUTION

- 1) For general ventilation use only. Do not use to exhaust hazardous or explosive materials and vapors.
- 2) To reduce the risk of fire, use only metal ductwork. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) to prevent back drafting.
- 3) 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 for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and code authorities.
- 4) Activating any switch on may cause ignition or an explosion.
- 5) Due to the size and weight of this hood, two people installation is recommended.

WARNING



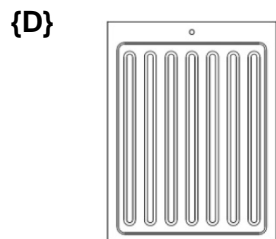
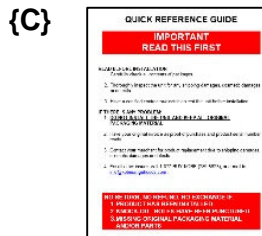
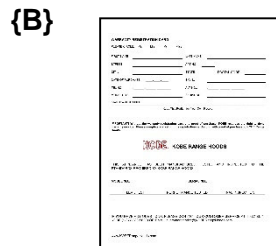
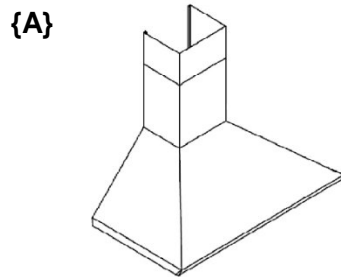
ELECTRICAL SHOCK HAZARD – Can result in serious injury or death. Disconnect appliance from electric power before servicing. If equipped, the fluorescent light bulb contains small amounts of mercury, which must be recycled or disposed of according to Local, State, and Federal Codes.

COMPONENTS OF PACKAGE

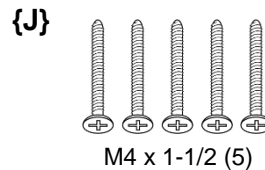
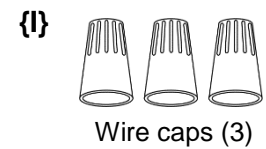
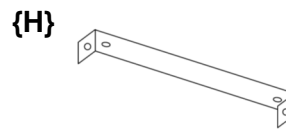
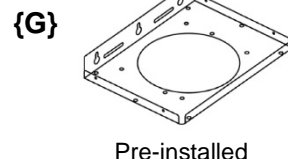
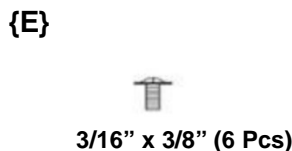
(Must keep all material for returns or refunds)

Range Hood Box

- {A} KOBE Range Hood (with RA092DC-1)
- {B} Warranty Registration Card
- {C} Quick Reference Guide
- {D} Baffle Filter x 2 (30" hood)
x 3 (36" hood)
- {E} Screws Package
- {F} 6" Round Plastic Collar
- {G} Hood Mounting Bracket
- {H} Duct Cover-Mounting Bracket
- {I} Wire Cap x 3
- {J} Screws Package

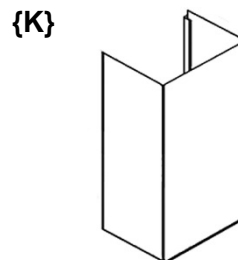


Knob attached to baffle filter



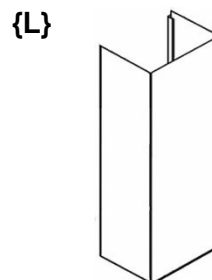
Extension Duct Cover RA0930DC (Sold Separately)

- {K} Duct Cover Extension
Model No.: RA0930DC



Extension Duct Cover RA0946DC (Sold Separately)

- {L} Duct Cover Extension
Model No.: RA0946DC



◆ FOR MORE INFORMATION, PLEASE VISIT OUR WEBSITE www.koberangehoods.com OR CONTACT KOBE RANGE HOODS AT (626) 775-8880.

INSTALLATION

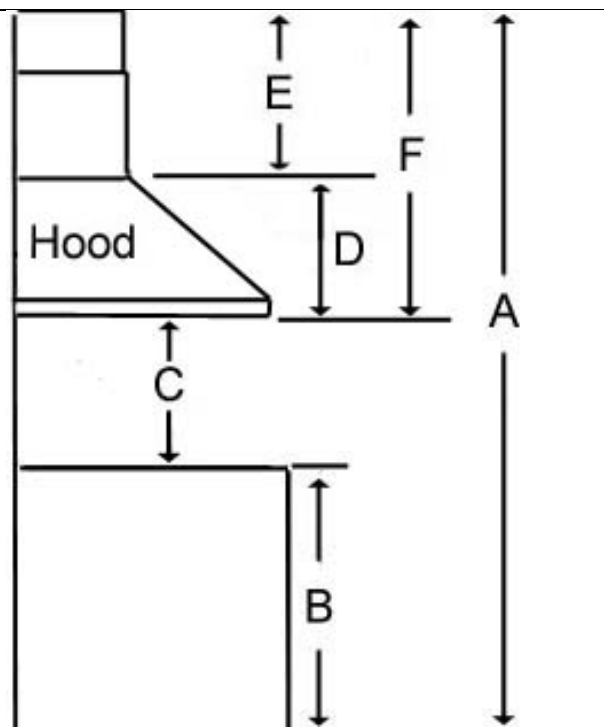
PLEASE READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING

Calculation before installation

To calculate the length of the installation, please refer to Table 1. (All calculation is measure in inches.)

TABLE 1

A = Height of Floor to Ceiling
B = Height of Floor to Counter Top
(Standard: 36")
C = Preferred Height of Counter Top to Hood Bottom (Recommended 26" to 30")
D = Height of Hood
E = Height of Duct Cover [F – D]
F = Height of the Hood Installation
[A – (B+C)]



⚠ SAFETY WARNING

HOOD MAY HAVE VERY SHARP EDGES; PLEASE WEAR PROTECTIVE GLOVES IF REMOVING ANY PARTS FOR INSTALLING, CLEANING OR SERVICING.

NOTE: BE CAREFUL WHEN USING ELECTRICAL SCREWDRIVER, DAMAGE TO THE HOOD MAY OCCUR.

Preparation before Installation

NOTE: TO AVOID DAMAGE TO YOUR HOOD, PREVENT DEBRIS FROM ENTERING THE VENT OPENING.

- Decide the location of venting pipe from the hood to the outside. Refer to **Figure 1**.
- A straight, short venting run will allow the hood to perform more efficiently.
- Try to avoid as many transitions, elbows, and long run as possible. This may reduce the performance of the hood.
- Use duct tape to seal the joints between pipe sections.
- Temporarily wire the hood to test for proper operation before installing.
- If necessary, prepare back wall frame with cross framing lumber for secure installation. Using references on Table 1 and the measurements on pages 11-12, decide the level of the lumber. Refer to **Figure 2**.
- Peel protective film off the duct cover and the hood (if any).

Figure 1

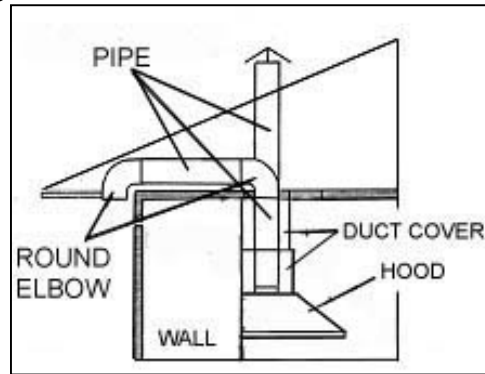
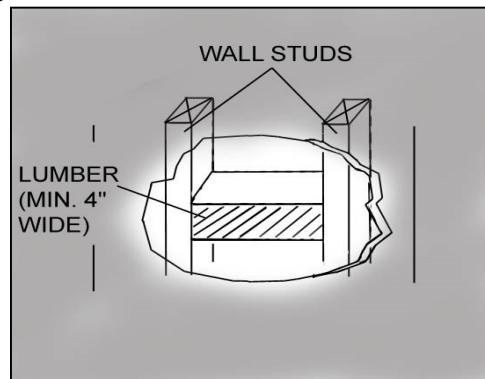


Figure 2

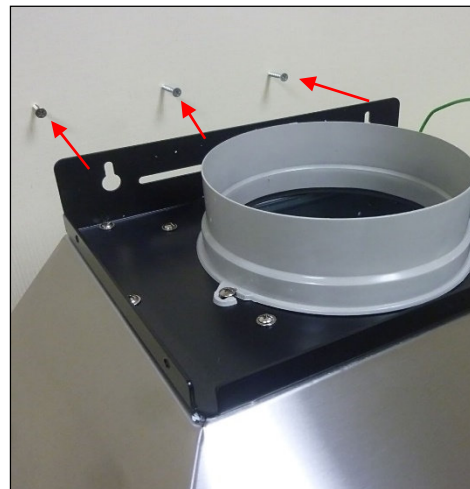


Hood Installation

⚠ CAUTION: If required to move the cooking range to install the hood, turn off the power on an electric range at the main electrical box. **SHUT OFF THE GAS BEFORE MOVING A GAS RANGE.**

1. Using references on Table 1 and measurements on pages 11-12, mark the leveling point for hood-mounting bracket on the wall.
2. Secure 3 mounting screws (provided) on the wall leaving 1/8" away from the wall. Refer to **Figure 3**.
3. Align hood-mounting bracket to the mounting screws on the wall and hook hood into place.
4. Secure and tighten the mounting screws. **CAUTION: MAKE SURE THE HOOD IS SECURE BEFORE RELEASING.**

Figure 3



Ductwork Installation

5. Use 6" round steel pipe (not provided) to connect the plastic exhaust on the hood to the ductwork above. Use duct tape to make all joints secure and air tight. Refer to **Figure 4**.

Wiring to Power Supply

⚠ 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.

- If hood is operating normally, connect three wires (black, white and green) to house wires and cap with wire connectors.
- Store wires in the wiring box.

Duct Cover Installation

NOTE: BE CAREFUL WHEN USING ELECTRICAL SCREWDRIVER, DAMAGE TO THE HOOD MAY OCCUR.

6. Using reference **E** from Table 1 and measurements on pages 11-12, mark the leveling point for duct cover bracket.
7. Secure the duct cover mounting bracket to the wall with two screws (provided). Make sure all screws are tightened Refer to **Figure 5**. NOTE: Inner duct cover will cover the duct cover bracket.
8. Slide the entire duct cover onto the hood. Refer to **Figure 6**.

Figure 4

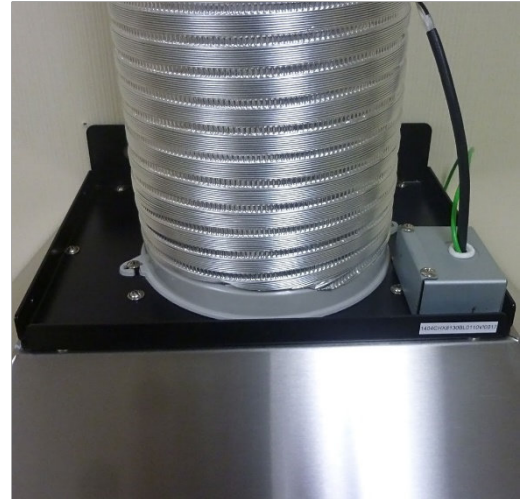
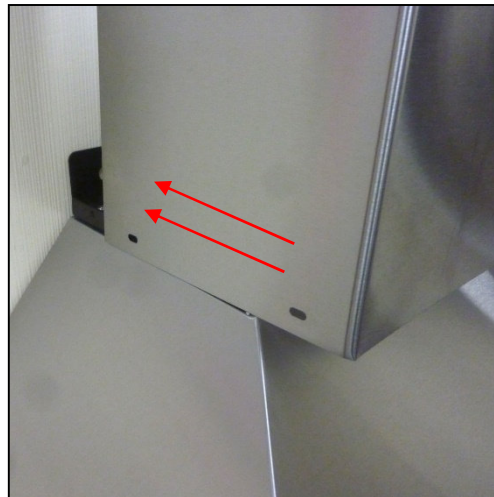


Figure 5



Figure 6



Duct Cover Installation (Cont.)

NOTE: BE CAREFUL WHEN USING ELECTRICAL SCREWDRIVER, DAMAGE TO THE HOOD MAY OCCUR.

9. Secure the outer duct cover to the hood mounting bracket with 4 (3/16" x 3/8") screws (provided). Refer to **Figure 7**.
10. Secure the inner duct cover with 2 (3/16" x 3/8") screws to the duct cover mounting Bracket. Refer to **Figure 8**.

Install Accessories

11. Place baffle filters underneath the hood. Refer to **Figure 9**.

Final Assembly

12. Turn power ON in control panel. Check all lights and fan operation.
13. Make sure to leave this manual for the homeowner.

Figure 7

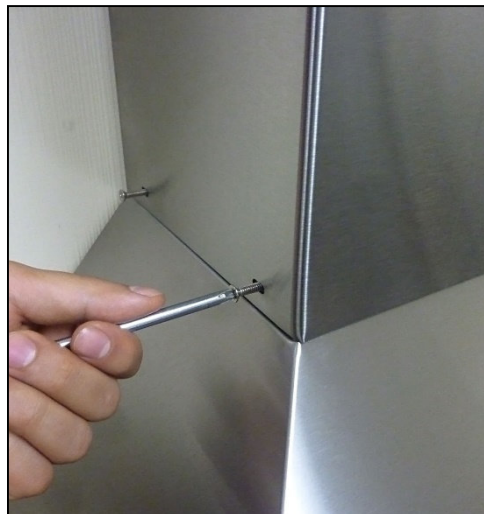
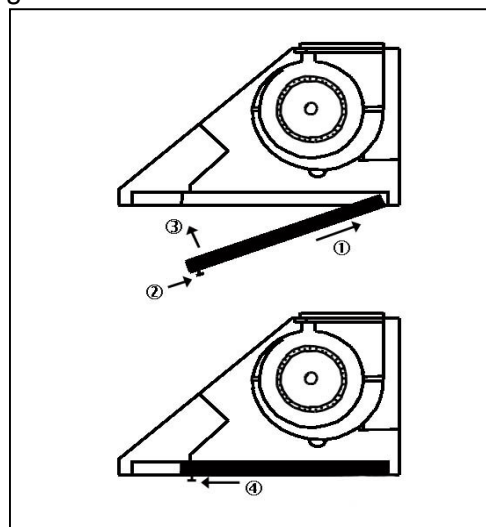


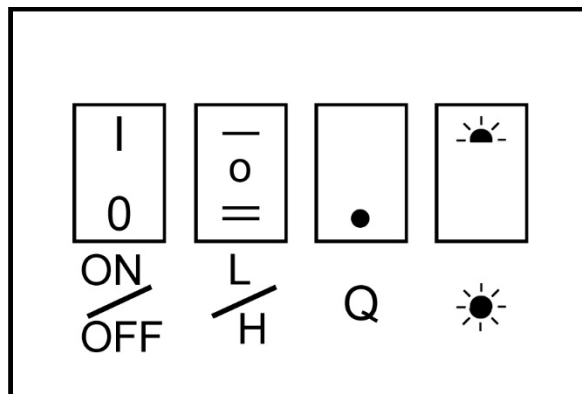
Figure 8



Figure 9



OPERATING INSTRUCTIONS



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

To operate the fan function

- Press On/Off Control to turn on the power.
- Once the On/Off Control is turned on, the prior fan selection will turn on. Press the Speed Controls (Low, High or QuietMode™) to select the desired speed.
- QuietMode™ supersedes all other fan control. Turn off QuietMode™ to use Low or High speed.
- Press On/Off Control to turn fan off.

To operate the light function

- Press the Light Control to turn lights on and off.

Note: The Power Control switch is the main power controller.

MAINTENANCE

SAFETY WARNING

NEVER PUT YOUR HAND INTO AREA HOUSING THE FAN WHILE THE FAN IS OPERATING.

To Clean Hood Surface

 **CAUTION:** NEVER USE ABRASIVE CLEANERS, PADS, OR CLOTHS. DO NOT USE PAPER TOWEL ON STAINLESS STEEL.

For optimal operation, clean range hood and all baffle/spacer/filter/oil tunnel/oil container regularly.

*** Regular care will help preserve the appearance of the hood.

1. Use only mild soap or detergent solutions. Dry surfaces using soft cloth.
2. If 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 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. Rinse with water after exposure and wipe dry with a clean lint free cloth.

To Clean Baffle Filter/Oil Tunnel

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

1. Remove all the baffle filters, 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.)

SPECIFICATIONS

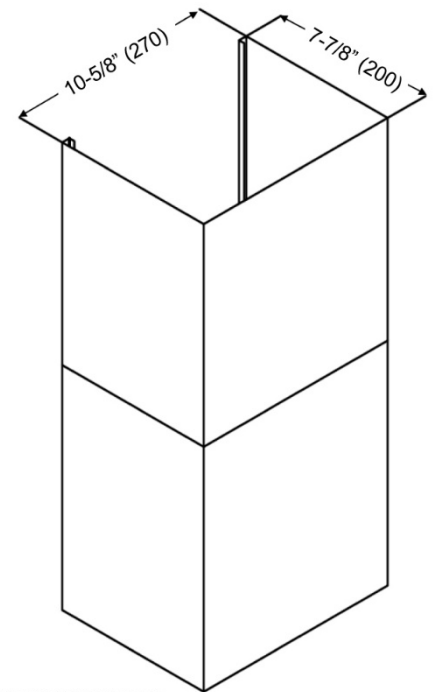
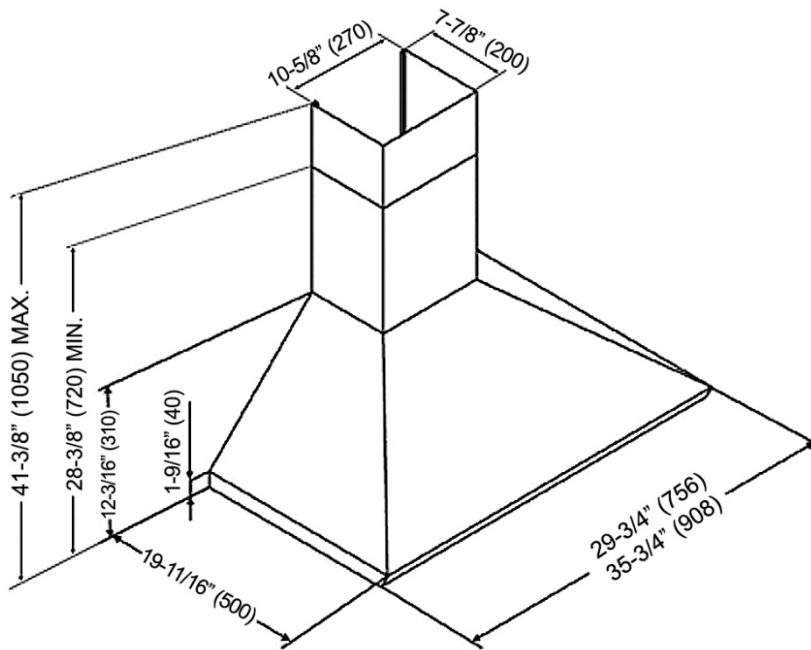
MODEL / SIZE	OVS-CHX8130SQB-40 (30") OVS-CHX8136SQB-40 (36")		
COLOR	18-Gauge Commercial Grade Stainless Steel		
CONSUMPTION / AMPERE	180W / 1.5A		
NUMBER OF BLOWER	1		
DESIGN	Seamless / Satin Finish		
BLOWER TYPE	Single Horizontal Squirrel Cage		
EXHAUST	Top: 6" Round		
CONTROLS	Rocker Switch		
LIGHTS	3-watt LED light x 2		
HOOD DIMENSION (W x D x H)	OVS-CHX8130SQB-40	29-3/4" x 19-11/16" x 12-3/16"	
	OVS-CHX8136SQB-40	35-1/4" x 19-11/16" x 12-3/16"	
OPTIONAL ACCESSORIES (W x D x H)	1) 30" Stainless Steel Back Panel (SSP30) 30" x 1/10" x 32" 2) 36" Stainless Steel Back Panel (SSP36) 36" x 1/10" x 32" 3) 1-Piece Inner Extension Duct Cover (RA0930DC) 10-5/8" x 7-7/8" x 29-7/8" 4) 1-Piece Inner Extension Duct Cover (RA0946DC) 10-5/8" x 7-7/8" x 46-7/8"		
HOOD WEIGHT (lbs)	OVS-CHX8130SQB-40 (30")	Net 34.4	Gross 42.0
	OVS-CHX8136SQB-40 (36")	37.5	48.5
SPEED	QuietMode™	Low	High
Air Capacity (CFM)	260	380	560
Sone* (dB)	1.0	2.2	5.6

*One Sone is equivalent to the sound of a refrigerator at 40 decibels.

**Specifications subject to change without notice.

MEASUREMENTS & DIAGRAMS

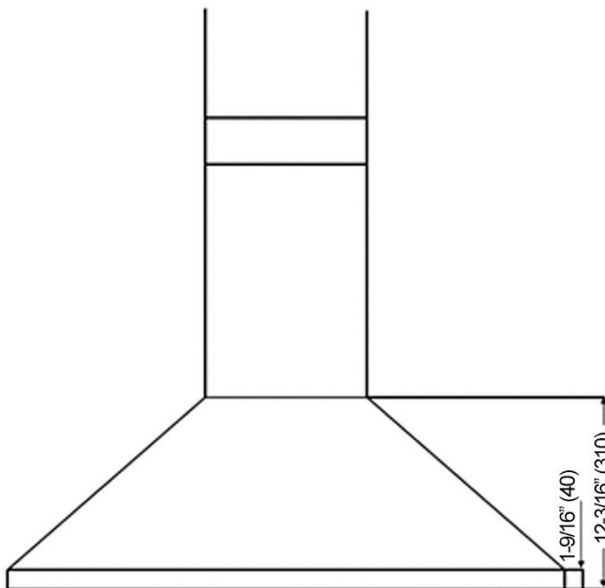
- All measurements in () are millimeters.
- All inch measurements are converted from millimeters. Inch measurements are estimated.



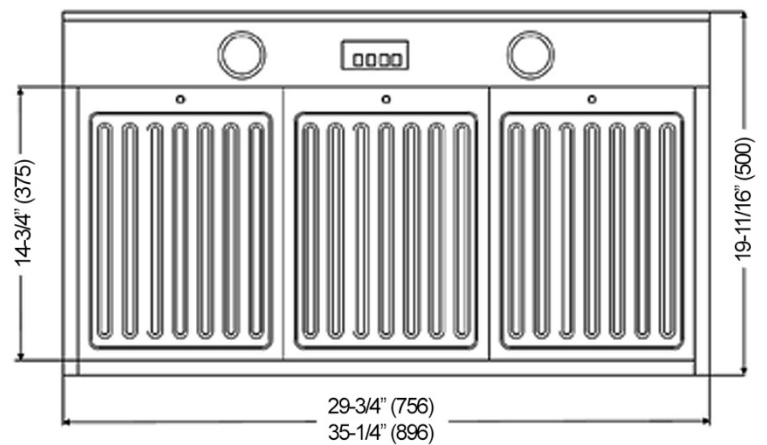
Inner: 15" (380)
Outer: 15" (380)

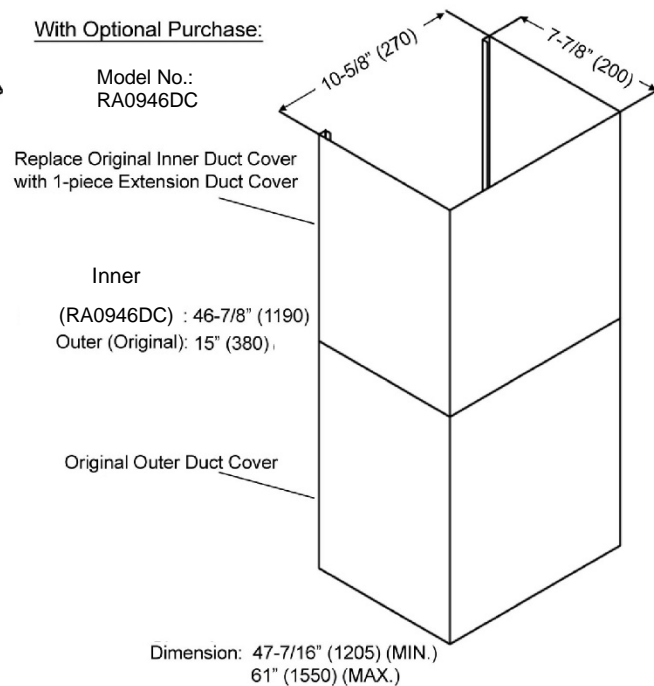
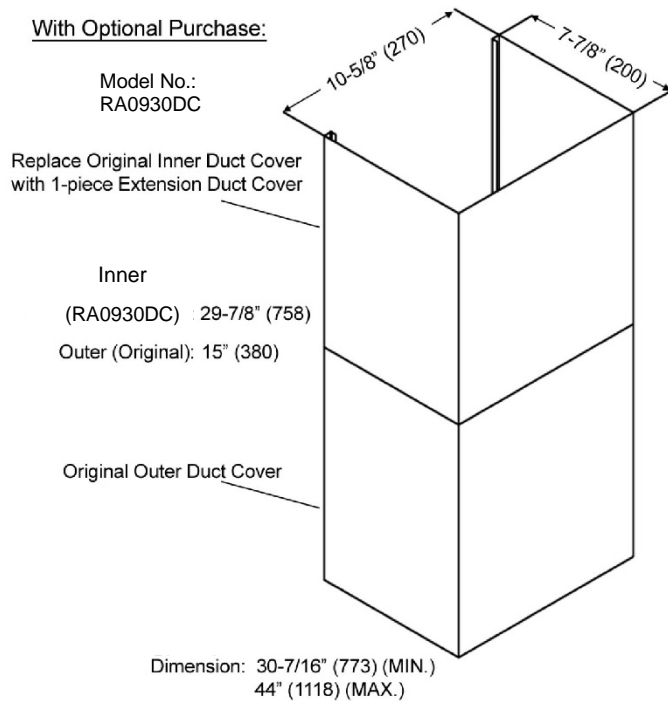
Dimension: 16-1/8" (410) (MIN.)
29-1/8" (740) (MAX.)

Front View



Bottom View



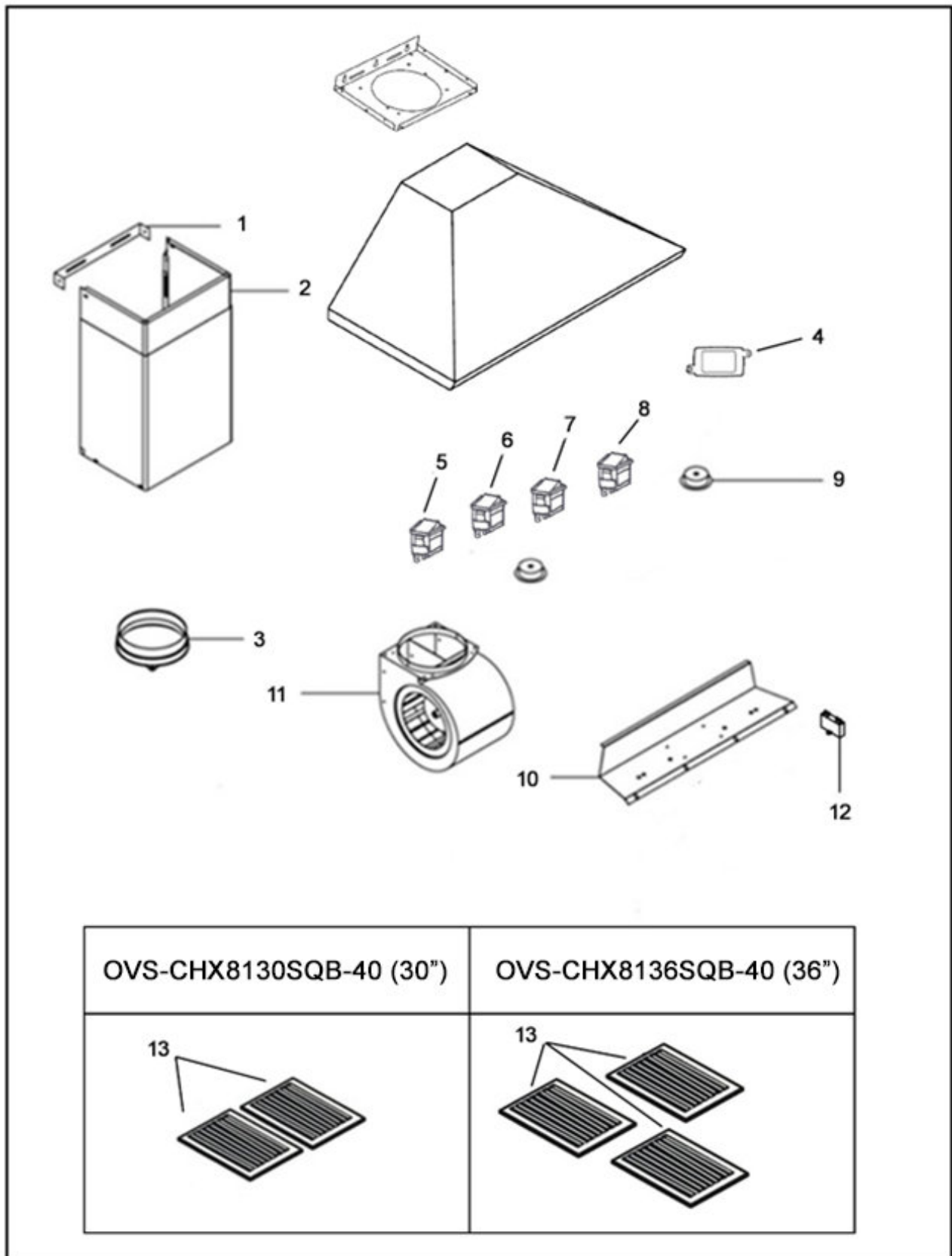


PARTS LIST

MODEL NO.: OVS-CHX8130SQB-40 (30")
OVS-CHX8136SQB-40 (36")

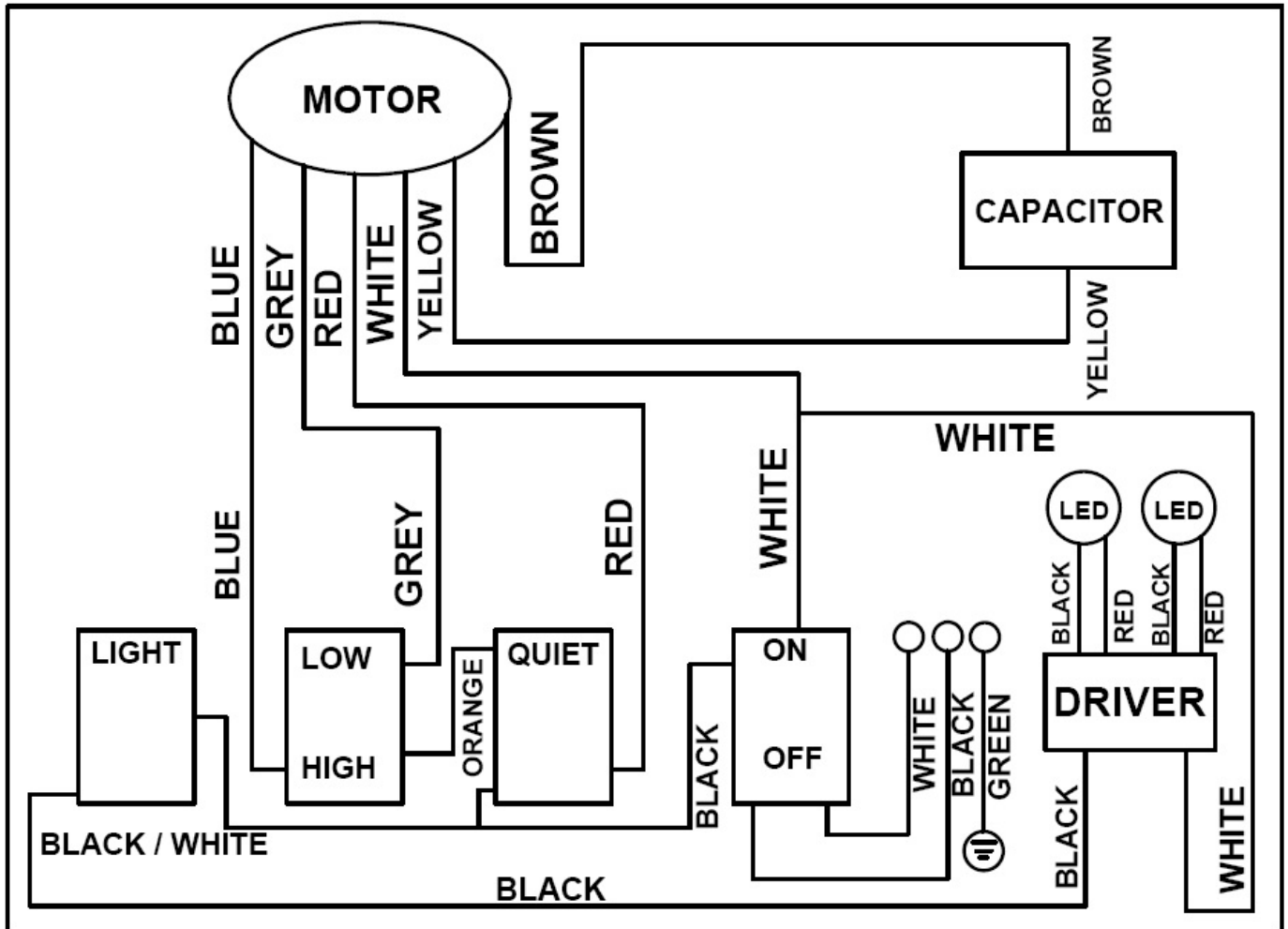
NO.	DESCRIPTION	MODEL /SIZE	PART NO.
1	Duct Cover-Mounting Bracket		L1-0203-0092
2	Duct Cover	RA092DC-1	12-00920-61
3	6" Round Plastic Exhaust		L1-0505-0003
4	LED Light Driver		L1-0402-D001
5	ON/OFF Switch		L1-0405-0101
6	Speed Switch (I/II)		L1-0405-0103
7	Speed Switch (Q)		L1-0405-0104
8	Light Switch		L1-0405-0102
9	LED Light (3W)		L1-0403-0301
10	Capacitor Support		L1-0201-0092
11	Blower System		L1-0302-0120-802S2
12	Capacitor x 1PCS		L1-0401-0120-24
13	Baffle Filter		L1-0214-0122

MODEL NO.: OVS-CHX8130SQB-40 (30")
OVS-CHX8136SQB-40 (36")



CIRCUIT DIAGRAM

MODEL NO.: OVS-CHX8130SQB-40 (30")
OVS-CHX8136SQB-40 (36")



TROUBLE SHOOTING

Issue	Possible Cause	Solution
After Installation, both motors and lights are not working.	The power is not on.	Make sure the circuit breaker and the unit's power is ON. Use a voltage meter to check the power supply.
	The wire connection is not secure.	Check and tighten wire connection.
	The processor board is defective.	Check the power input and power output on the processor board. If it's needed, replace the processor board.
	The control panel is defective.	Replace the control panel.
Lights are working, but motor(s) is not.	The motor(s) is defective.	Replace the motor.
	The capacitor(s) is defective.	Replace capacitor(s).
	The control panel is defective.	Replace the control panel.
The range hood is vibrating.	The blower system is not secure.	Tighten the squirrel cage and air chamber.
	The squirrel cage is not balanced.	Replace the squirrel cage.
	Hood is not secured in place.	Check the installation of hood, tighten the mounting bracket.
The motor is working, but the lights are not working.	LED(s) is defective.	Replace the LED(s).
	The light wiring(s) is loose.	Check wire continuity from light transformer to light housing(s).
	Light driver is defective.	Check power input and power output on the light driver. If it's needed, replace the light driver.
	The control panel is defective.	Replace the control panel.
The range hood is not venting out correctly.	The range hood is installed outside of the manufacture recommended clearance.	Adjust the clearance between the range hoods and cook top to 27" to 30". For Island range hood, the clearance between the range hoods and cook top is 30" to 36".
	There is no make-up air inside the house.	Open the window to enhance the performance of the range hood by creating a sufficient make-up air.
	Obstacle blocking the pipe work.	Remove all obstacles from the duct work.
	The pipe size is smaller than the suggested pipe size.	Change the ducting according to the manufacture suggestion.
Cold air is coming into the home.	The pipe connection is not properly sealed.	Check the pipe installation.
	The damper is not properly installed or is missing from the installation.	Check the damper installation.
	The damper is not installed.	By installing the damper, it will help to eliminate air backflow.

WARRANTY

WARRANTY CERTIFICATE

KOBE Range Hoods (referred to herein as “we” or “us”) warrants to the original purchaser (referred to herein as “you” or “your”) all products manufactured or supplied by us to be free from defect in workmanship and materials as follows:

TWO-YEAR LIMITED WARRANTY FOR PARTS AND LABOR ON KOBE PREMIUM/ BRILLIA SERIES:

For two years from the date of your original invoice from a KOBE authorized dealer, we will, at our sole discretion, choose to repair or replace the product free of charge that failed due to manufacturing defects.

It is your sole responsibility to ensure the product is readily accessible for the service technician to perform repairs. **The service technician will not, under any circumstance, remove, alter or modify any fixture built around and/or connected to the product to gain access to perform repairs.**

During the two-year Limited Warranty period, additional charges may apply which include but are not limited to:

- Service technician travel charges if the requested service location is 30-miles out of KOBE’s authorized service area
- Parts shipping expenses
- Un-installation of defective product and Installation of replacement product

Warranty Exclusions:

This warranty does not cover, including but not limited to the following:

- a. Improper installation.
- b. Any repair, alteration, modification not authorized by KOBE.
- c. Duct alteration, modification and connection.
- d. Incorrect electric current, voltage or wiring.
- e. Normal maintenance and service required for the product.
- f. Consumable parts such as light bulbs and carbon filters.
- g. Improper usage of the product that it is not intended for, such as commercial use, outdoor use and multi-family use.
- h. Normal wear and tear.
- i. Chips, scratches or dents by abuse or misuse of the product.
- j. Damages caused by accident, fire, flood and other Acts of God.
- k. Expenses incurred for service located outside of the designated service area.
- l. Purchases from unauthorized dealers.
- m. Removal fees of defective product and Installation fees associated with replacement product.
- n. Scratches inside the hood, back of the baffle filter, and inside the duct cover are not covered by the warranty.

If we determine that the warranty exclusions listed above apply or if you fail to provide all necessary documentation for warranty service, you will be responsible for all expenses associated with the requested service, including parts, labor, shipping, travelling and any other expense related to the service request.

To qualify for warranty service, you must:

1. Have the **ORIGINAL** proof of purchase
2. Be the **ORIGINAL** purchaser of the product
3. Have the model number
4. Have the serial number
5. Have a description of the nature of any defect in the product or part

TO REQUEST WARRANTY SERVICE, PLEASE CONTACT THE KOBE RANGE HOODS SERVICE CENTER:

KOBE Service Center (USA Only)

Tel: 1-877-BUY-KOBE (289-5623)

E-mail: customer.service@koberangehoods.com

For service in Canada or

To report a problem, please contact:

Tel: 1-626-775-8880

Email: customer.service@koberangehoods.com

WARRANTY INFORMATION FORM

Fill in the blanks and keep this paper with the **original invoice** in a safe place for future service purpose.

1. Date of purchase : _____

2. Model No. : _____

3. Serial No. : _____

For warranty service or spare parts purchase contact:

KOBE Service Center (USA Only)

Toll Free: 1-877-BUY-KOBE (289-5623)

Email: customer.service@koberangehoods.com

For service in Canada or to report a problem, please contact:

Tel: 1-626-775-8880

Email: customer.service@koberangehoods.com

Your notes:



KOBE Range Hoods
11775 Clark Street
Arcadia, CA 91006 USA

www.koberangehoods.com

This hood is made for use in the USA and CANADA only. We do not recommend using this hood overseas as the power supply may not be compatible and may violate the electrical code of that country. **Using a this hood overseas is at your own risk and will void your warranty.**

Ce capot est conçu pour une utilisation aux États-Unis et au Canada seulement. Nous ne recommandons pas d'utiliser cette hotte à l'étranger que l'alimentation peut ne pas être compatible et peut violer le code de l'électricité de ce pays. **L'utilisation d'un cette hotte à l'étranger est à vos propres risques et annulera votre garantie.**

Esta campana está hecha para su uso en los EE.UU. y Canadá. No se recomienda el uso de esta campana en el extranjero como la fuente de alimentación puede no ser compatible y puede violar el código eléctrico de ese país. **El uso de un esta campana en el extranjero es a su propio riesgo y anulará la garantía.**

VER. 170101

Information subject to change without notice.