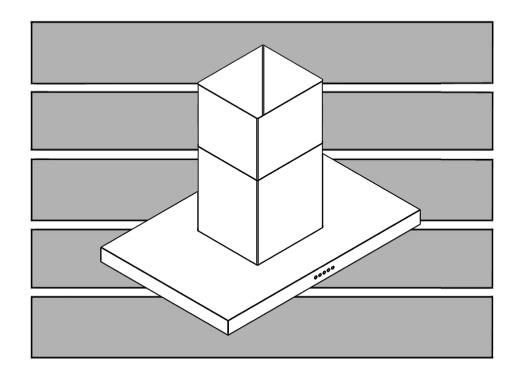


# **Brillia Series**

Model No. ISX2130SQB-1 (30")

ISX2136SQB-1 (36")

ISX2142SQB-1 (42")



INSTALLATIONS 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
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- 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 -

# **AWARNING**: 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.

# **AWARNING**: TO REDUCE THE RISK OF PERSONAL INJURY IN THE EVENT OF A RANGE TOP GREASE FIRE:

- 1. 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.
- 2. Always turn hood ON when cooking.
- 3. Use high settings on cooking range ONLY when necessary.
- 4. Do not leave cooking range unattended when cooking.
- 5. Always use cookware and utensils appropriate for the type and amount of food prepared.
- 6. Use this unit only in the manner intended by the manufacturer.
- 7. Before servicing, switch power off at service panel and lock service panel (if possible) to prevent power from switching on accidentally.
- 8. 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 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.

# **A**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, installation by 2 persons is recommended.





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 (Box 1 of 2) Duct Cover Box (Box 2 of 2) {F} Duct Cover - 1 {A} Brillia Range Hood - 1 **{B} Warranty Registration Card – 1** {G} Telescopic Stack - 1 {C} Quick Reference Guide – 1 {H} Motor Casing - 1 {D} Baffle Filters – 2 (30" hood) {I} 6" Round Plastic Exhaust - 1 - 3 (36" & 42" hood) {J} Screws Package – 1 **{E}** Mounting Template – 1 **{K} Screws Package** {L} Wire Cap - 3 {A} {G} {F} {B} {C} QUICK REFERENCE GUIDE {H} **{I} {J**} {K} {E} {D} 3/16" x 3/8" (8PCS) 4 x 8mm (14PCS) M4 x 1-1/2" (10) Knobs attached to FRONT OF HOOD baffle filter {L} Wire caps (3)

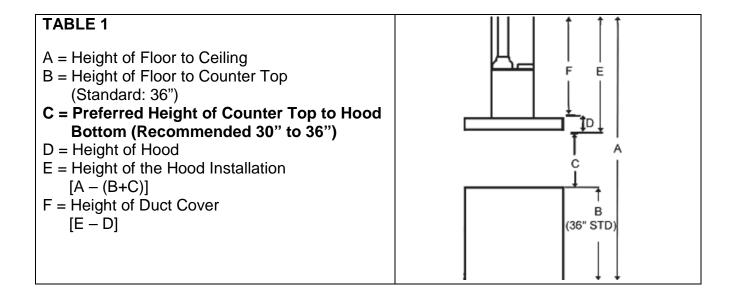
♦ FOR MORE INFORMATION, PLEASE VISIT OUR WEBSITE <a href="www.koberangehoods.com">www.koberangehoods.com</a> OR CONTACT KOBE RANGE HOODS AT (626) 775-8880.

# **INSTALLATION**

#### PLEASE READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING

# **Calculation before Installation**

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



# **A**SAFETY WARNING

HOOD MAY HAVE VERY SHARP EDGES; PLEASE WEAR PROTECTIVE GLOVES IF IT IS NECESSARY TO REMOVE ANY PARTS FOR INSTALLING, CLEANING OR SERVICING.

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

# **Preparations of Ductwork and Location**

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

- Decide the location of the 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.
- Temporarily wire the hood to test for proper operation before installing.
- Important: Peel any protective film off the hood.
- Use duct tape to seal the joints between pipe sections.

# Island Installation

A CAUTION: USE HAND TOOLS ONLY. DO NOT OVER TIGHTEN SCREWS. IT MAY CAUSE DAMAGE TO THE HOOD.

▲ CAUTION: If moving the cooktop range is necessary to install the hood, turn off the power in an electric range at the main electrical box. SHUT OFF THE GAS BEFORE MOVING A GAS RANGE.

And use a protective covering to protect cooktop and/or countertop from damage.

- 1. Mark centerline of cooktop or range on ceiling. Use centerline marked on ceiling to position the range hood as shown in Figure 2.
- 2. Cut and remove ceiling drywell. Install 2" x 4" cross framing lumber (not provided) between ceiling joists.
- 3. Framing should be 11-2/16" (O.C. = on center) between front and back, and 10-3/16" (O.C.) between both sides of the 2" x 1" cross framing lumber. Refer to Figure 3.
- 4. Finish the ceiling surface. Be sure to mark the location of the ceiling joists and cross framing lumber.
- 5. Cut a 6-1/2" duct opening and approximately a 1" wire access hole.

Figure 1

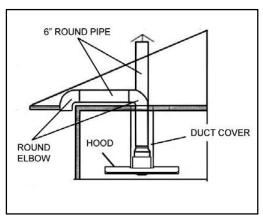


Figure 2

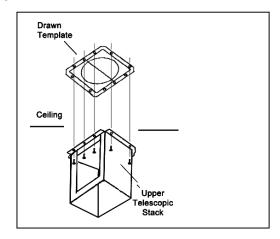
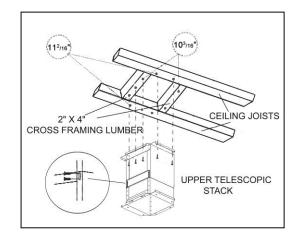


Figure 3



# **Telescopic Stack**

- Adjust the telescopic stack with the screws provided to the desired height. Refer to Table 1 and Figure 4. (Lower screws must be drilled into the metal motor housing.)
- 7. Place only the inner duct cover over top of the telescopic stack prior to mounting to the ceiling and let it rest on the bottom flanges.
- 8. Align the telescopic stack to the mounting surface and secure ten hood mounting screws (provided) into the ceiling joist and cross framing lumber. Make sure screws are driven into the ceiling at the middle of joists and cross framing lumber for maximum support and stability.

A CAUTION: MAKE SURE THE TELESCOPIC STACK IS SECURE BEFORE RELEASING.

# 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.
- Route house wiring into the ceiling as close to the installation location as possible. Allow additional length of wiring to drop down from the ceiling to the electric box.
- 10. Connect the electrical wires according to color (green to green, white to white, and black to black) and cap with wire connectors. Green wire must be grounded to reduce risk of electric shock.

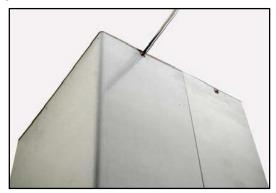
# **Ductwork Installation**

- 11. Use 6" round aluminum or steel pipe (not provided) to connect to the plastic collar.
- 12. Slide the outer duct cover downward so that it slits properly on the hood.
- 13. Fasten the inner duct cover in place with 4 screws (provided). Refer to Figure 5.
- 14. Slide the outer duct cover up the telescopic stack, and temporarily hold or fasten in place.

Figure 4



Figure 5



# **Hood Installation**

- 15. Align the hood with the telescopic stack so that the motor harness is on the same side as the control unit harness. Refer to Figure 6.
- 16. Fasten the hood body to the telescopic stack using 8 screws (provided). Refer to Figure 7.
- 17. Use 2 screws (provided) to secure the outer duct cover to the hood body. Refer to Figure 8.



A CAUTION: MAKE SURE THE HOOD IS SECURE BEFORE RELEASING.

# **Final Assembly**

- 18. Install the Baffle Filters.
- 19. Turn power ON in control panel. Check all lights and fan operation.
- 20. Make sure to leave this manual for the homeowner.

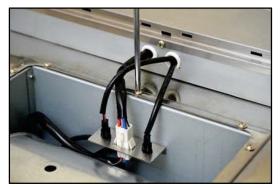
Figure 6



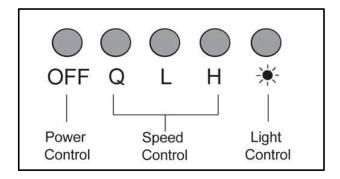
Figure 7



Figure 8



# **OPERATION 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 button to choose from speed.
  - $Q = QuietMode^{TM}$  speed
  - $\circ$  L = Low speed
  - H = High speed
- Press "OFF" to turn fan off.

# To operate the light function

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

## **MAINTENANCE**

For optimal performance, clean the range hood surface and baffles 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 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 ISX2130SQB-1 (30")

ISX2136SQB-1 (36") ISX2142SQB-1 (42")

**COLOR** Commercial Grade Stainless Steel

CONSUMPTION / AMPERE 180W / 1.5A

VOLTAGE 120V 60Hz

NUMBER OF BLOWER 1

**DESIGN** Seamless / Satin Finish

**BLOWER TYPE** Single Horizontal Squirrel Cage

**EXHAUST** Top 6" Round

**CONTROLS** 3-Speed Mechanical Push Control

**LIGHTS** 3-Watt LED light x 4

HOOD DIMENSION ISX2130SQB-1 29-3/4" x 23-11/16" x 2-3/8" (W x D x H) ISX2136SQB-1 35-3/4" x 23-11/16" x 2-3/8" 1SX2142SQB-1 41-3/4" x 23-11/16" x 2-3/8"

**DUCT COVER DIMENSION** ISX21DC-1 11-13/16" x 10-13/16" x (min. 24-1/4"~max. 37-13/16")

 $(W \times D \times H)$ 

WEIGHT (lbs)		<u>Net</u>	<u>Gross</u>
112.011 (130)	ISX2130SQB-1 (30")	18.0	22.0
	ISX2136SQB-1 (36")	23.0	27.0
	ISX2142SQB-1 (42")	27.5	32.0
	ISX21DC-1	42.0	46.5

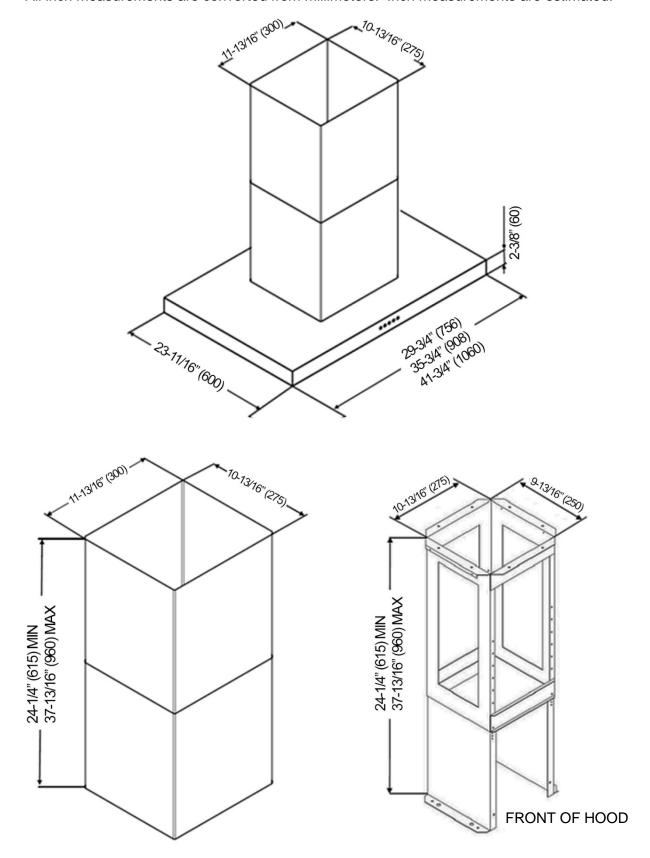
SPEED	<u>QuietMode™</u>	<u>Low</u>	<u>High</u>
Air Capacity (cfm)	300	510	750
Sone* (dB)	1.0	3.0	5.6

<sup>\*</sup>One sone is equivalent to the sound of a refrigerator at 40 decibels.

<sup>\*\*</sup>Specifications subject to change without notice.

# **MEASUREMENTS & DIAGRAMS**

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



# PART LIST

MODEL NO.: ISX2130SQB-1 (30") ISX2136SQB-1 (36")

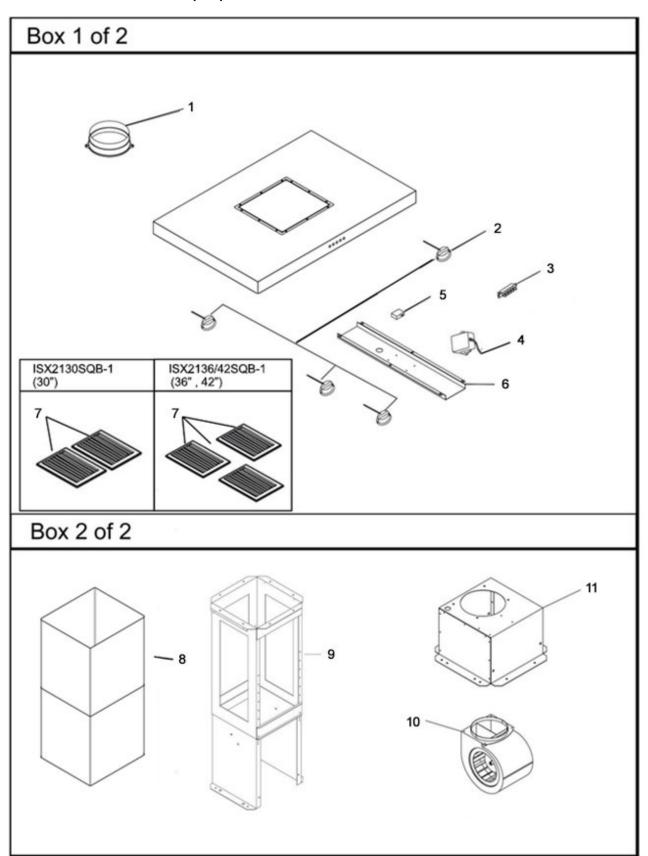
ISX2142SQB-1 (42")

BOX 1 of 2			
NO.	DESCRIPTION	MODEL / SIZE	PART NO.
1	6" Round Plastic Exhaust		L1-0505-0003
2	LED Light (3W) x 4 PCS		L1-0403-0301
3	Control Switch		L1-0405-0301
4	LED Light Driver		L1-0402-D001
5	Capacitor		L1-0401-0120-24
	Capacitor Support	ISX2130SQB-1	L1-0201-2130
6	Capacitor Support	ISX2136SQB-1	L1-0201-2136
	Capacitor Support	ISX2142SQB-1	L1-0201-2142
7	Baffle Filter		L1-0214-0122

BOX 2 of 2			
NO.	DESCRIPTION	MODEL / SIZE	PART NO.
8	Duct Cover	ISX21DC-1	12-21360-61
9	Telescopic Stack		L1-0203-21360A/B
10	Blower System		L1-0302-0120-802RO
11	Motor Casing		L1-0106-21360

MODEL NO.: ISX2130SQB-1 (30")

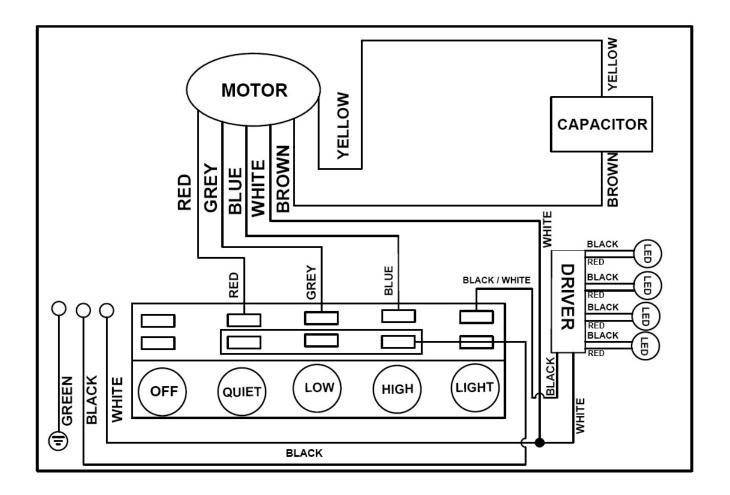
ISX2136SQB-1 (36") ISX2142SQB-1 (42")



# **CIRCUIT DIAGRAM**

MODEL NO.: ISX2130SQB-1 (30")

ISX2136SQB-1 (36") ISX2142SQB-1 (42")



# TROUBLE SHOOTING

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

# WARRANTY CERTIFICATE

In order to obtain warranty service, you must provide proof of original purchase from a KOBE authorized Dealer. Please keep a copy of your original invoice as proof of purchase.

#### ONE-YEAR LIMITED LABOR WARRANTY ON KOBE BRILLIA SERIES:

For one year from the date of your original invoice from a KOBE authorized dealer, we will repair any parts or components free of charge that failed due to manufacturing defects. KOBE reserves the right to replace, rather than repair the product free of charge at our sole discretion.

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.

#### TWO-YEAR LIMITED PARTS WARRANTY ON KOBE BRILLIA SERIES:

For two years from the date of your original invoice from a KOBE authorized dealer, we will provide nonconsumable replacement parts or components free of charge that failed due to manufacturing defects. Consumable parts such as lights bulbs, filters, fuses, and oil cups are not covered by this warranty.

#### WHAT IS COVERED:

This warranty is valid in the United States and Canada. It is non-transferable and applies only to the original purchaser and does not extend to subsequent owner of this product. In Hawaii, Alaska and Canada, this warranty is limited. There may be additional shipping charges for parts and service technician travel costs in remote areas or locations 30 miles outside of KOBE authorized service area.

#### WHAT IS NOT COVERED:

- 1. Normal wear and tear, regular service and maintenance required for the product.
- 2. Consumable parts such as light bulbs, filters, fuses, and oil cups.
- 3. Chips, scratches or dents due to abuse or misuse of the product, use of corrosive and abrasive cleaning products.
- 4. Damages caused by accident, fire, flood and other Acts of God.
- 5. Services in remote areas or locations 30 miles outside of KOBE authorized service area.
- 6. Labor cost incurred in connection with the removal of range hood, and reinstallation of replacement range hood, nor does it cover any other contingent expenses.
- 7. Scratches inside the hood, back of the baffle filter, and inside the duct cover.

#### THIS WARRANTY WILL BE VOIDED WHEN:

- 1. Improper installation and failure to follow installation instructions.
- 2. Any repair, alteration, modification not authorized by KOBE.
- 3. Duct alteration, modification and connection.
- 4. Incorrect electric current, voltage or wiring.
- 5. Improper usage of the product such as commercially, outdoor or other usage other than its intended purpose which is residential indoor usage only.

- 6. Product is purchased from an unauthorized KOBE dealer.
- 7. Product is damaged due to negligence, misuse, abuse, accident.

If we determine that the warranty exclusions listed above applies 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 REQUEST WARRANTY SERVICE, PLEASE CONTACT KOBE RANGE HOODS SERVICE CENTER:

From the 48 contiguous states:

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

E-Mail: customer.service@koberangehoods.com

From Alaska, Hawaii, and Canada:

TEL: 1-626-775-8880

E-Mail: customer.service@koberangehoods.com

# WARRANTY INFORMATION FORM

Fill in the blanks and kees safe place for future ser	ep this paper with the <b>original invoice</b> in a vice purpose.
1. Date of purchase	:
2. Model No.	:
3. Serial No.	:
KOBE Service Center (UTO) Toll Free: 1-877-BUY-KOEmail: customer.service	OBE (289-5623) <a href="mailto:oberangehoods.com">oberangehoods.com</a>
Tel: 1-626-775-8880	and to report a problem, please contact:  @koberangehoods.com
Your notes:	



# KOBE Range Hoods 11775 Clark Street Arcadia, CA 91006 USA

www.koberangehoods.com

This KOBE 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 KOBE hood overseas is at your own risk and will void your warranty.** 

Cette hotte KOBE est fabriquée pour usage aux États-Unis et au Canada seulement. Il n'est pas recommandé d'utiliser cette hotte à l'étranger puisque l'alimentation électrique pourrait ne pas être compatible et enfreindre le code de l'électricité de ce pays. L'usage de la hotte KOBE à l'étranger est à votre propre risque et la garantie sera annulée.

Esta campana de extracción KOBE ha sido fabricada para ser utilizada únicamente en EE.UU. y CANADÁ. No recomendamos la utilización de esta campana en el extranjero debido a que la fuente de energía podría no ser compatible y podría violar el código eléctrico de dicho país. Utilizar una campana KOBE en el extranjero será a su propio riesgo y anulará la garantía.

VER. 170301

Information subject to change without notice.