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48" WALL MOUNTED HOOD

INSTALLATION GUIDE AND USER MANUAL

APPLICABLE MODEL: KRH4815A - COLOR SERIES

Model KRH4815A – 48” Wall Mounted Color Series Hood

Product Introduction

Thank you very much for choosing our range hood. KUCHT has developed a series of range hoods based on assimilating the advantages of high volume of air, lower noise and elegant appearance.

USE, CARE, AND INSTALLATION GUIDE

Please read all manual carefully before installing and operating this appliance.

CONTENTS

1. Tools
2. Installation
3. Technical parameters
4. Maintenance
5. Cautions

READ ALL INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS APPLIANCE.

• 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 done by qualified professionals and in accordance with all applicable codes and standards, including first-rated construction.

DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background. Due to the size and weight of this range hood, two people installation is recommended.

- Range hood may have very sharp edges; please wear protective gloves if it is necessary to remove any parts for installing, cleaning or servicing.
- Activating any switch ON before completing installation may cause ignition or an explosion.

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

• 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 those published by the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.

Sufficient air is needed for proper combustion and exhausting of gases through the duct to prevent back drafting.

- Before servicing or cleaning unit, switch power OFF at service panel and lock service panel to prevent power from being switched ON accidentally.
- Metal ductwork may be required based on local codes.

BEFORE STARTING

TOOLS THAT YOU NEED

1



Power Drill



Screwdrivers



Drill Bits



Tape Measure



Masking Tape



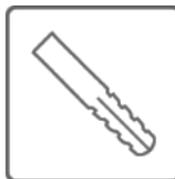
Pencil/Marker



Metal or Aluminum
HVAC Tape



Level



Wall Anchors*



Scissors/Box Cutter

2

INSPECT THE UNIT

- 1) PLUG IN AND TEST CONTROLS, LIGHTS, AND FAN.
- 2) INSPECT FOR ANY DAMAGE CAUSED DURING SHIPPING.
- 3) REPORT ANY DAMAGE TO KUCHT CUSTOMER SERVICE BY CALLING 866-685-8248

3

PREPARE DUCTWORK

PLAN WHERE YOUR DUCTWORK WILL BE LOCATED. INSTALL THE PROPER SIZED DUCTWORK AND EXTERIOR ROOF OR WALL CAP, DEPENDING ON WHERE YOU WILL BE VENTING YOUR HOOD TO THE EXTERIOR.

DUCTWORK SHOULD ALREADY BE PUNCHED THROUGH THE CEILING (OR WALL IF THE CEILING IS NOT AN OPTION) AND READY TO HOOK UP TO THE RANGE HOOD BEFORE BEGINNING INSTALLATION.

1. INSTALLATION

STEP 1

1- Find the perfect location for mounting the range hood. For best results, the mounting height of the range hood should be 25"- 36" above the top of the cooking range.

2- Trace the outline of your hood on a panel of its cardboard box.

3- Find the mounting holes and center point of the hood (directly between the mounting holes) and mark them on the cardboard panel.

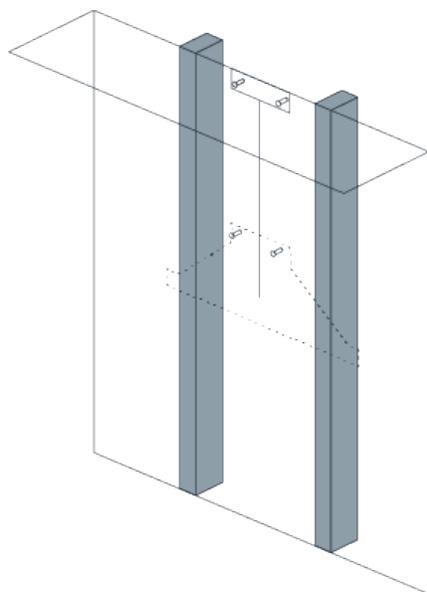
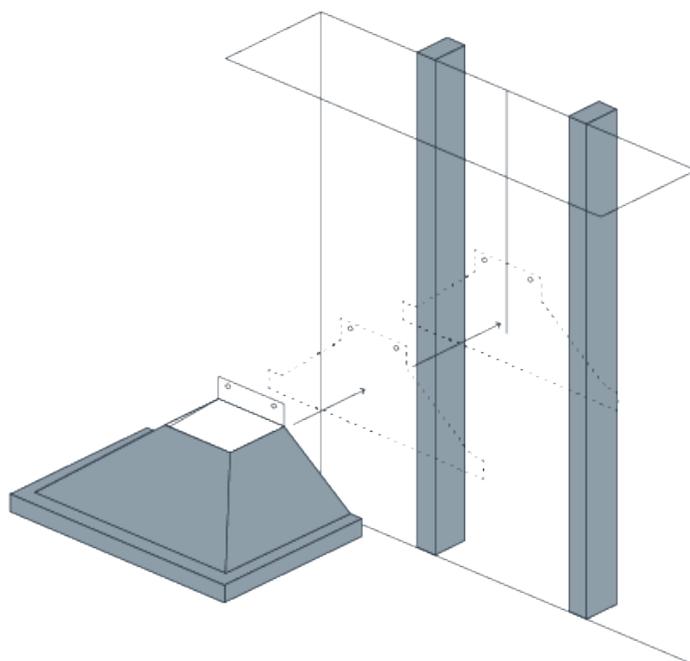
4- Carefully cut out the cardboard outline.

5- Tape the cardboard cutout panel to the wall lining it up with the horizontal line (bottom of hood location) and matching the center point with the center line of the installation area.

6- Poke holes through the mounting points on the cardboard marking the locations on the wall and remove the cardboard.

7- If using wall anchors, pre-drill the mounting holes where your marks are with the correct size bit and insert the wall anchors.*

8- Screw in mounting screws to the marked studs and or wall anchors, leaving roughly a 1/4" gap. This gap will be used to hang the hood in STEP 3.



STEP 2

1- Place the chimney bracket against the ceiling, matching the center point of the bracket with the center line of the installation area.

2- Mark the locations of the bracket holes on the wall and drill the holes where the locations are marked (The size of drill bit will depend on the size of hole that the wall anchor calls for).

3- Insert wall anchors in the drilled holes and screw the bracket into place. The chimney will mount to the bracket.

STEP 3

1- Hang the hood on the mounting screws in place from STEP 1. Tighten the mounting screws to secure the hood. The bottom of the hood should match up with the the horizontal line marked on the wall.

2- Drill holes in the back of the hood lining up with the wall studs that have been previously marked (Use an appropriate drill bit for the mounting screws if not included in the hardware bag).

3- Secure the hood to the wall studs using the screws included in the hardware bag.

4- Using a Multi-Blower transition adapter (not included) (fig A), attach the previously installed ductwork to the hood's blowers, taping it in place using duct tape or HVAC tape.

5- Power the hood by connecting the three pronged plug to a nearby electrical outlet or by hardwiring the hood to a power source (Always consult an electrician before directly wiring a hood to a power source and make sure all switches are off and then insert the electrical plug into an outlet.).

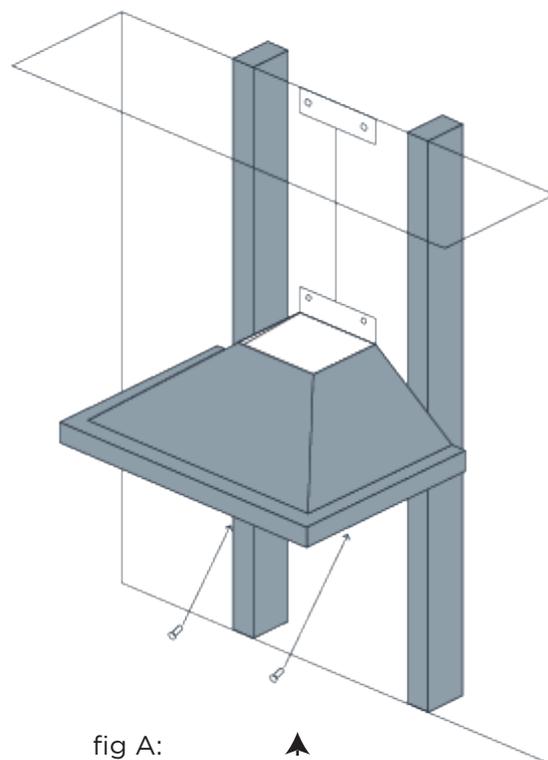
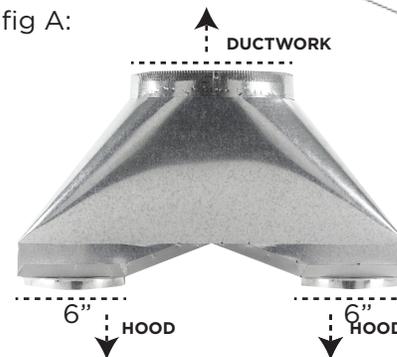


fig A:



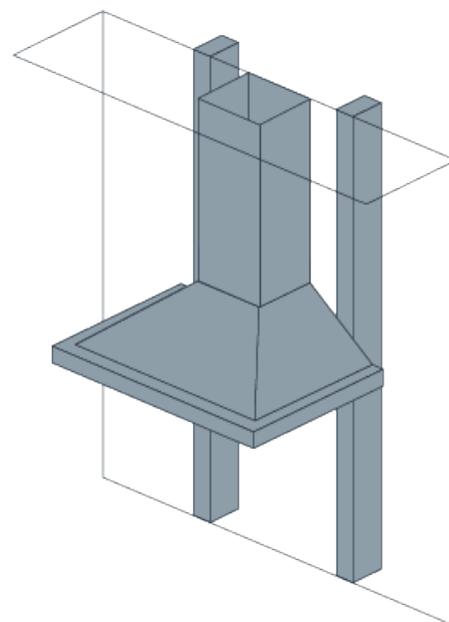
STEP 4

1- Remove protective film coating.

2- Place the two pieces of chimney on top of the range hood, making sure the vent in the upper section is towards the top and the upper section slides inside the lower section in a telescoping manner.

3- Attach the top section of the chimney to the mounting bracket, allowing the bottom section of the chimney to rest securely on the top of the hood.

4- Affix the base of the decorative chimney to the top of the hood.



STEP 5

Install baffle hood filter

- 1- Remove protective tape or film coating.
- 2- Insert filter in to place.

3. TECHNICAL PARAMETERS

WIDTH: 47.5"

HEIGHT: 13"

DEPTH: 22"

DUCT SIZE: 2x 6"

AVAILABLE COLORS: WHITE, RED, BLACK

ITEM	unit	parameter
Rated Voltage	V	110-120
Rated frequency	Hz	60
Motor input power	W	2x148w
Lamp power	W	2X21w
Air volume	CFM	700~1200
Air pressure	Pa	>160
Noise level	dB(A)	<70
Air output diameter	inches	2x6"

3. CLOCK CONFIGURATION



Scan this code with your smartphone or tablet to watch a video tutorial.

4.1 MAINTENANCE

- 1) Make sure to pull out the plug and cut off the power before maintenance to ensure your safety.
- 2) Clean the inside and outside of the range hood with warm water containing neutral detergent, then dry them with a piece of dry cloth. Do not scrub them with rough materials such as cleansing ball to avoid damages to the surface. Put on gloves to avoid injuring your hands when cleaning the inside. The cleaning can be done once half a month to a month.
- 3) Do not crush the wind wheel when cleaning the inside of the wind track of the wind wheel to avoid the deformation of the wind wheel. Otherwise the movement will be increased, which will result in more noise and influence the effect of absorbing the oil-smoke.
- 4) Frequent cleaning of the filter shall be done. First press the spring on the edge of the filter to dismantle the filter, dip it into strong detergent and brush its surface with soft brush; then hold the filter with both hands and move it up and down in the detergent, clean it with clean water, after which dry it by airing and install it as what it is as before. The cleaning can be done once a week. Do not clean it with combustible detergent such as banana oil and gasoline.
- 5) Keep all fans, baffle, spaces, filter, grease tunnel, oil container and greaseladen surfaces clean. Grease should not be allowed to accumulate on fan, baffle, spaces, filter, grease tunnel or oil container. Clean grease-laden surfaces frequently.

DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary

4.2 CLEANING TIPS

Stainless steel is one of the easiest materials to keep clean. Occasional care will help preserve the fine look of your hood.

Hot water with soap or detergent is all that is usually needed.

Follow all cleaning by rinsing with clear water. Wipe dry with a clean, soft cloth to avoid water marks. For discolorations or deposits that persist, use a non-scratching household cleanser or stainless steel polishing cream, and a soft cloth.

For stubborn cases, use a plastic scouring pad or soft bristle brush together with cleanser and water. Rub lightly in direction of polishing lines or "grain" of the stainless steel finish. Avoid using too much pressure that may mar the surface.

Do not allow deposits to remain for long periods of time.

Do not use ordinary steel wool or steel brushes. Small bits of steel may adhere to the surface causing rust.

Do not allow salt solutions, disinfectants, bleachers or cleaning compounds to remain in contact with stainless steel for long periods. Many of these compounds contain chemicals that may be harmful. Rinse with water after exposure and wipe dry with a clean cloth.

Painted surfaces should be cleaned with warm water and mild detergent only..

5. CAUTIONS

- 1) Do not attempt to install this appliance yourself without appropriate electrical and technical background.
- 2) When maintaining this range hood or changing a light bulb, please be sure that all power switches are in the off position.
- 3) Do not let the detergent flow into the electric appliance box and the switches when cleaning the inside of the range hood to avoid leaking electricity.
- 4) Do not flambé under the range hood.
- 5) There is a fire risk if cleaning is not carried out according to the instructions.
- 6) Cut off all the circuits with power before approaching the connection ends.
- 7) This appliance is not intended for use by young children and infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely.
- 8) Young children should be supervised to ensure that they do not play with the unit.
- 9) There should be adequate ventilation of the room when the range hood is used at the same time as appliance burning gas or other fuels.
- 10) The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas and other fuels.
- 12) The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood, when the range hood is located above a gas appliance. This distance should be at least 25". If the instructions for installation for the gas hob specify a greater distance this must be considered.
- 13) Regulations concerning the discharge of air must be fulfilled.
- 14) Warning! If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person to avoid a hazard.

CAUTION: For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors

CAUTION: To reduce risk of fire and to properly exhaust air, be sure to duct air outside - do not vent exhaust air into space within walls or ceilings, attics or into crawl spaces, or garages.

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A STOVE TOP GREASE FIRE:

- SMOTHER FLAMES WITH A CLOSE FITTING LID, COOKIE SHEET OR METAL TRAY, THEN TURN OFF THE BURNER. NEVER PICK UP A FLAMING PAN—YOU MAY BE BURNED.
- KEEP FLAMMABLE OR COMBUSTIBLE MATERIAL AWAY FROM FLAMES. IF THE FLAMES DO NOT GO OUT IMMEDIATELY, EVACUATE AND CALL THE FIRE DEPARTMENT.
- DO NOT USE WATER, INCLUDING WET DISHCLOTHS OR TOWELS — A VIOLENT STEAM EXPLOSION WILL RESULT.



WE TRANSFORM A SIMPLE KITCHEN INTO A PRO ONE.
THIS IS WHY WE CARE ABOUT MAKING VERY HIGH PERFORMANCE
RANGES AND HOODS, TO MAKE YOU FEEL LIKE A PRO AND STYLISH COOKER.

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FOR MORE DETAILS AND INFORMATION, PLEASE VISIT OUR WEBSITE WWW.KUCHT.COM