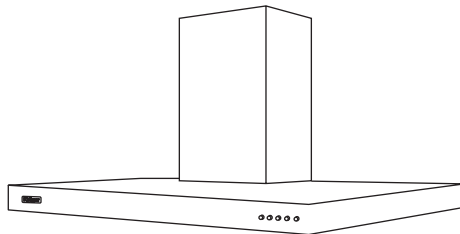


# User Manual

Chimney Style Range Hoods

KA300, KA360, KG300, KG360, KT300, KT360



ENGLISH





# Thank you for choosing Krüger home appliances!

Please follow the recommendations and guidelines contained in this manual. This will ensure that the appliance will give you consistent performance and efficiency for many years to come.

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### Guide To Using This Manual

The following symbols will help you when reading this instruction manual:

 Suggestions & Advice

 Safety Information

# SPECIFICATIONS & TECHNICAL PARAMETERS

## ALTO - A

KA300 & KA360

Rated Voltage	120V
Rated Power Frequency	60Hz
Lighting Power Consumption	2 x 2.5W LED Lights
Motor Power Consumption	210W
Total Power Consumption	215W
Number of Motors	1
Dimensions of Duct Exhaust	6" Ø (Circular)
Overall Dimensions	29 ½" or 35 ½" (W) x 19 ¾" (D) x 30 ¾" (H)

## ALTO - G

KG300 & KG360

Rated Voltage	120V
Rated Power Frequency	60Hz
Lighting Power Consumption	2 x 2.5W LED Lights
Motor Power Consumption	210W
Total Power Consumption	215W
Number of Motors	1
Dimensions of Duct Exhaust	6" Ø (Circular)
Overall Dimensions	29 ½" or 35 ½" (W) x 19 ¾" (D) x 30 ¾" (H)

## ALTO - T

KT300 & KT360

Rated Voltage	120V
Rated Power Frequency	60Hz
Lighting Power Consumption	2 x 2.5W LED Lights
Motor Power Consumption	210W
Total Power Consumption	215W
Number of Motors	1
Dimensions of Duct Exhaust	6" Ø (Circular)
Overall Dimensions	29 ½" or 35 ½" (W) x 19 ¾" (D) x 41" (H)



## WARNING

These instructions have been drawn up for your safety and that of others. You are therefore strongly urged to read them carefully before installing and using the appliance. Keep this instruction manual for future reference as necessary. If the appliance is sold or moved, make sure that the manual is transferred over to the new user.

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

### **i.1 Installation**

- Installation of the appliance and its connection to the electrical mains must only be carried out by **QUALIFIED PERSONNEL** in accordance with local applicable codes and standards, including fire-rated construction.
- The hood must be placed at a minimum distance of 26” and a maximum of 30” from the cooktop for best capture of cooking impurities, and a minimum distance of 28” from the gas range.
- In order to provide sufficient air for proper exhausting of gases through the chimney, follow the heating equipment manufacturer’s guideline and safety standards such as those published by the National Fire Protection Association, and the American Society for Heating, Refrigeration and Air Conditioning Engineer (ASHRAE), and local code authorities.
- To reduce the risk of fire or electric shock, be areful not to use this fan with any solid-state speed control device.
- When cutting or drilling into the wall or ceiling, do not damage electrical wiring and other hidden utilities.
- This unit is meant for household kitchen use only. To ensure your safety, it needs to be connected to a GFCI protected branch circuit.

- ❑ Before any cleaning or service procedure, it is important to check that the appliance is DISCONNECTED from the electrical service panel. This will prevent power from being switched on accidentally.
- ❑ It is risky to modify or attempt to modify the characteristics of this product.
- ❑ After removing the appliance from the packaging, make sure that it is undamaged, and that the electrical lead is in perfect condition. Otherwise contact your dealer before putting the appliance into operation.
- ❑ Use this unit only in the manner it is intended for by the manufacturer. If you have any questions regarding the usage of this appliance, please contact the manufacturer or the local agent closest to you.
- ❑ The Manufacturer declines all responsibility in case of failure to comply with the accident prevention regulations.
- ❑ Make sure that air is able to circulate freely around the appliance. Poor ventilation may result in a shortage of oxygen.
- ❑ Make sure that the appliance is supplied with the type of gas indicated on the relative sticker next to the main gas connection pipe.
- ❑ Use of a gas cooking appliance produces heat and moisture in the room in which it is installed. Ensure that the room is well ventilated by keeping the air intakes open and in good working order or by installing an extractor hood with a discharge pipe.
- ❑ If the appliance is required to be used intensively for a long period of time, the effectiveness of the ventilation will have to be increased, for example by opening a window or increasing the power of any electric extractor fan.
- ❑ The stainless steel structural housing may have sharp edges. Be careful to avoid cuts and abrasions during installation and cleaning.

## **i.2 During Use**

- This product is designed to cook food inside ordinary homes and for non-professional purposes. It should not be used for any other purpose.
- After using the appliance, make sure that all controls are in the “OFF” position.
- If you use an electrical socket in close proximity to this appliance, take care that the cables of the appliances you are using are far away from any parts of this appliance that may heat up.

## **i.3 Child Safety**

- This appliance is designed and intended to be operated by adults only. Children are not allowed to tamper with the controls or play with this appliance.
- The exposed parts of this appliance heat up during cooking and remain hot for some time even after it is switched off. Keep children well away until the appliance has cooled down.

## **i.4 Cleaning & Maintenance**

- Keep the appliance thoroughly cleaned after every use. Grease should not be allowed to accumulate on the fan or filter, as food residues such as scraps, oils, and fats, may become a fire hazard.

## **i.5 Servicing & Parts**

- In the unlikely instance of a malfunction, never attempt to repair the appliance yourself. Repairs by unskilled persons may further damage the unit, and can greatly jeopardize the safety of yourself and your family.
- To diagnose the malfunction, please refer to the contents of this manual. If you do not find the necessary information, please contact your nearest service centre.
- Servicing work on this appliance must be carried out by a KRÜGER™ authorized technical service centre. Always request the use of original replacement parts.

## i.6 Environmental Protection

- ❑ All the materials used to build this appliance are environmentally compatible and recyclable. Please make your contribution to conserving the environment by using the various waste collection channels available.
- ❑ Appliances which are no longer used or usable are not worthless waste. Through environmentally friendly disposal, a number of materials used in the production of your appliance can be recovered.
- ❑ Find out about the current disposal options from your dealer, or your local authority.
- ❑ Before scrapping the appliance, cut the power supply lead and render it unusable for safe handling.

## BOX CONTENTS

Unpack hood and check box contents. You should receive:

1x Hood	10x Mounting Screws (4x8mm)
1x Telescopic Chimney	9x Drywall Anchors (2 for Ø 8mm holes)
1x Mounting Bracket	2x Washer (fits Ø 8mm holes)
1x Vent	1x Flexible Aluminium Duct
1x Lower Duct Support	1x Installation Instruction Manual
1x Upper Duct Support	1x Warranty Card
7x Mounting Screws (4x40mm)	2x Safety Screws (ST4 x 30mm)



# INSTALLATION

 This appliance must only be installed and used in rooms with permanent ventilation to local standards.

Installation of the appliance and its connection to the electrical mains must only be carried out by QUALIFIED PROFESSIONALS.

Before installation, it is important to check that the appliance is DISCONNECTED from the electrical main service terminal. KRUGER™ declines all responsibility for any damages arising from installation in breach of the regulations in force or from failure to comply with the accident prevention regulations.

## Installation Premises

For proper operation of a gas appliance, the air necessary for the combustion of the gas must be able to flow into the room naturally.

The air must flow into the room directly through openings in the outside walls. These openings must have an unobstructed cross-section not less than 1.18CFM or 2m<sup>3</sup>/h for each kw of power (see total power in kw on the appliance nameplate).

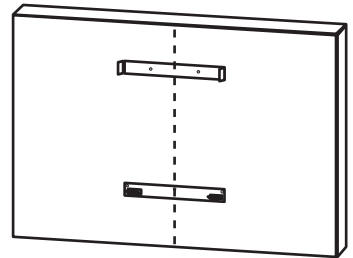
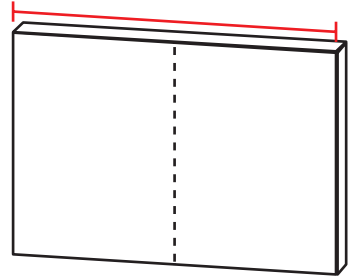
This opening must be constructed so that it will not be obstructed from inside or outside, or constructed close to the floor. The opening is recommended to be on the side opposite to that on which the flue gases are discharged.

If it is not feasible to provide these openings in the room where the appliance is installed, the necessary air may be taken from an adjacent room, provided that:

- This room is not a bedroom or a hazardous environment;
- This room has ventilation;
- The ventilation between the room where the appliance is installed and the adjacent room have openings.

## Mounting Brackets

1. Measure the total width of the space where the hood will be and divide it by half.
2. Draw a vertical line from the cooking surface to the ceiling. This will be the center line of which the hood will be mounted according to.
3. Draw a horizontal line at minimum 25 ½" above an electric element cook top, or minimum 30 ½" above a gas cooking surface.
4. Place the upper chimney mounting brackets on the wall approximately ¾" from the ceiling.
5. Mark the wall where the center holes of the brackets are.
6. Place the hood mounting bracket on the wall aligning the central notches to the vertical reference line.
7. Mark the wall at the center of the holes in the bracket.
8. Attach the brackets to the wall using the mounting screws and drywall anchors if applicable.



**i** Mounting the hood will require at least two people.

## **Mounting The Hood**

1. Raise the hood onto the body onto the hood mounting brackets.
2. Align the hood onto the mounting brackets. Gently lower the hood until it securely engages the bracket.
3. Attach the backdraft damper flaps to the exhaust outlet at the top of the unit.
4. Be sure that the damper is firmly attached while the flaps can still move freely.
5. Attach ductwork to the unit with screws that are included on the two sides of the exhaust outlet.

## **Connecting the Ductwork**

1. Decide the pathway of the ductwork connecting the ventilation unit to the exterior of the house.
2. The shorter and straighter the ductwork, the better the unit will perform.
3. Longer runs, elbows, transitions and other modifications will reduce the performance of the hood. Larger diameter ducts may be required for optimal performance with longer ducts.
4. Attach an adequate length of 6" diameter duct to the exhaust outlet of the unit.
5. Do not exhaust into a shaft, flute, or pipeline that is being used to exhaust fumes from other appliances burning gas or other fuels.
6. Install a roof or wall cap on the exterior of the house. Connect round metal ductwork to cap and work backwards toward the hood's location. Use duct tape to seal the joints between sections. And secure with metal screws if needed.

## Electrical Connection

1. Electrical wiring must be done by a qualified professional in accordance with all applicable codes and standards. Turn off electrical power at service panel before wiring.
2. Do not extend the cord with an extension cord or splitter that is not supplied with the hood.
3. Grounding of this product is compulsory. Do NOT remove ground prong of the plug.

## Telescopic Chimney

1. Attach the inner telescopic chimney sleeve on to the top wall bracket. It can be secured with two screws (included) from both sides.
2. Attach the outer telescopic chimney sleeve onto the top of the unit.
3. Secure the outer telescopic chimney sleeve with two 4 x 8mm screws.
4. Extend the inner telescopic chimney sleeve and secure it to the top bracket on the wall with two 4 x 8mm screws.

 Carefully remove the blue coloured plastic protective film prior to final installation.


## OPERATION


The hood is operated using five push-buttons located at eye-level on the right hand corner or middle of the hood.

 The **Power** button stops all motor operations.

 The **Low** button will power the motor at low speed.

 The **Med** button will power the motor at moderate speed.

 The **High** button will power the motor at its maximum speed.

 Push the **Lights** button and the two lights will come on. Push it again and the lights will turn off.

## LIGHTING

The range hood includes lighting provided by two 4 Volt 2.5W LED light fixtures.



Always switch off the electrical supply before carrying out any operation or maintenance on the appliance.



Wait for the light fixture to cool before touching. LEDs can remain hot for some time after turning off.

1. Remove the mesh filter and locate the locking spring of the light.
2. Push the spring and the light can be removed.
3. Change the light as with an identical 4 Volt, 2.5 Watt LED light.

## MESH FILTER



The mesh filter should be cleaned frequently; minimum every two months, or more for frequent to heavy use.

1. Remove the grease filters individually by pulling on the latch. This will disengage the filter from the hood. Tilt the filter downward and remove.
2. Wash the filters, taking care not to bend them. Allow them to dry completely before reinserting.
3. When inserting the filters, make sure that the latch handle is visible from the outside.
4. Align the rear of the filter tabs with the slots in the crease. Pull out the latch, push filter into position and release.
5. Make sure the filter is securely engaged after assembly.

## CLEANING & MAINTENANCE



Before cleaning or servicing your appliance, disconnect it from the electrical service panel and allow it to cool down.

Stainless steel is one of the easiest materials to keep clean. Occasional care will help preserve its fine appearance for years to come.

### General Cleaning

Wash enameled and stainless steel parts with lukewarm water and detergent. Do not use abrasive products which might damage them.

Hot water with liquid soap can remove most stains easily. Always rinse the surface with clean water and wipe dry with a soft clean cloth to prevent water marks.

For tougher stains, use ordinary non-abrasive detergents or stainless steel polishing powder with a little water.

For stubborn grimes and deposits, use a scouring pad or soft bristle brush along with a stainless steel cleaner and water. Always rub in the direction of the polished lines, or “grain” of the stainless steel finish. Avoid using too much pressure as it may mar the surface. We strongly advise you against using acids for cleaning.


Do not allow deposits to remain for long periods of time. Do not use ordinary steel wool or steel brushes to clean the range hood.

Do not allow salt solutions, disinfectants, bleaches, or cleaning compounds to remain in contact with the stainless steel surface for prolonged periods of time. Many of these compounds contain chemicals that can be harmful to the stainless steel finish. Always rinse with water after every cleaning and wipe dry with a clean cloth.

## **Routine Maintenance**

Have the condition and efficiency of the motor and the structure of the duct work checked periodically. If anomalies are found, do not attempt to repair, but have the faulty part replaced completely.

To ensure good performance and safety, the motor must be inspected periodically.

 Periodic lubrication of the motor must only be carried out by qualified personnel, who must also be contacted if the appliance malfunctions.

## **Service & Parts**

Before leaving the factory, this appliance was tested and adjusted by qualified professional technicians to give the best operating results. Any subsequent necessary repairs or adjustments must be carried out with the greatest care and attention.

For this reason, we strongly advise you always to contact the dealer who sold you the appliance or our nearest service centre, specifying the nature of the problem, the model of the equipment (Mod.), the product number (Prod. No.) and the serial number (Ser. No.). These can be found on a sticker placed underneath the cooktop. Always request the use of original spare parts.

## **Warranty Conditions**

Your new appliance is covered by a warranty. The warranty conditions are provided in full at the back of this manual.

Keep the receipt or delivery note, either of which documents your purchase of the appliance and provides proof of date of purchase, in a safe place together with this manual.

In the event that a technician is required to visit your home, show these documents to the technician prior to the inspection and subsequent repairs. If this procedure is not followed, KRÜGER™ will have no option but to charge for any repairs.

## **1 YEAR LIMITED VENTILATION PRODUCT WARRANTY**

The KRÜGER™ limited warranty is subject to the original purchaser (consumer) of its products only and is not transferable. KRÜGER™ warrants that its products will be free from defects in materials or workmanship for a period of one year from the date of original purchase. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

During this one year warranty period, KRÜGER™ will, at its option, repair any product or part that is found to be defective under normal use and service. The end user will need to submit the defective part(s) to the KRÜGER™ head office for processing. Once the part(s) has been received, a replacement will be sent out to the sender's address.

This warranty does not cover:

- (1) Normal maintenance and service.
- (2) Any products or parts that have been subject to misuse, negligence, accident, improper maintenance or repair, faulty installation or installation not in accordance to recommended installation instructions.
- (3) Any parts that are considered as consumable parts.
- (4) Any normal wear and tear on mechanical and/or movable and/or removable parts, including tracks, ball bearings, and extensions.

The duration of any implied warranty is also limited to the one year period as specified above for the express warranty. In that case the above limitation may not apply to you.

KRÜGER'S OBLIGATION TO REPAIR OR REPLACE PRODUCT OR PARTS, AT KRÜGER'S OPTION, WILL BE THE PURCHASER'S SOLE AND FINAL REMEDY UNDER THIS WARRANTY. KRÜGER™ WILL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH PRODUCT USE OR PERFORMANCE. Some provinces do not allow the exclusion of incidental or consequential damages. In that case the above limitation may not apply to you.



This warranty gives the original purchaser (consumer) specific legal rights, and there may also be other rights that vary depending on provincial legislation. This warranty supersedes all prior warranties.

To qualify for warranty service, first;

(1) Notify your local KRÜGER™ dealership at the address shown below, by telephone: 1-604-214-4477, or by email: warranty@krugerliving.com ;

(2) Give the model number and part identification and;

(3) Describe the nature of any defect in the product or part. At the time warranty service is requested, proof of purchase and evidence showing the original purchase date must be presented.

Keep this manual and your sales slip or receipt together for future reference. You must provide proof of purchase or installation date for in-warranty service. Fax or email this form in to register your warranty with KRÜGER™.

Write down the following information to better help you obtain assistance or service should you need it. You will need to know your complete model number and serial number. You can find this information on the inspection label located on your appliance.



Dealer: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Customer Phone Number: \_\_\_\_\_

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Invoice Number: \_\_\_\_\_

Date Purchased: \_\_\_\_\_







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