



INSTALLATION AND OPERATING MANUAL
OF FULLY INTEGRATED – DROP DOWN
AR-60-761A, AR-90-761A



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FALCO THE COMPANY

Falco Domestic Appliances was founded in 1991 and is proud to be a trusted name in the South African appliance industry.

Our business has been built on providing higher spec products offered at reduced prices.

More importantly, is the service aspect of our business, we value every customer and will always strive to assist to the best of our ability.

We thank you for supporting our company by purchasing this product and we hope that it will give you many years of use.

USING THIS MANUAL

Before installing the appliance, we strongly recommend that you read through the entire manual which includes safety instructions, proper installation and use of its functions.

It is important that you retain these instructions and your proof of purchase for future reference.

Due to ongoing product development Falco reserves the right to alter specifications and appearances without notice.

WARNING AND SAFETY INSTRUCTIONS

- Incorrect installation, maintenance and repairs could cause harm to the user. Please ensure repairs are carried out by an authorised Falco technician.
- A damaged appliance can be dangerous. Please check for any visible damage before installation and notify your retailer should there be any signs of damage.
- Before connecting the appliance to the electrical mains supply, ensure that the electrical data on the rating label matches that of the electricity supply. Consult your local electrician if in doubt.
- Do not use electrical extension cables or multi-sockets when connecting your appliance electrically as this could cause a fire hazard.
- Any tampering with electrical or mechanical components can cause injury and will also void the product's warranty.
- During installation and repair the appliance must be disconnected from the mains electricity supply.

- CAUTION: Some parts of the extractor may become hot during use with a gas cooker.

CORRECT USE

- To avoid accidental fire do not flambé or grill over a naked flame. If the extractor is switched on it could draw flames into the filter. Fat deposits could then ignite and present a fire hazard.
- Excessive heat can damage the internal components of the extractor.
 - When using the extractor over a gas hob or cooker, select the correct sized pan suitable for the size of gas burner.
 - Regulate the size of the flame to ensure that it does not spread above the sides of the pan.
- When cooking ensure that the extractor is on to prevent the build-up of condensation which could cause corrosion.
- When cooking with oil and fat never leave the pan or pot unattended. Overheated oil and fat could ignite and create a fire hazard.
- Do not use the extractor without the correct grease filters installed to prevent oil build up on the internal motor and other components.

CORRECT INSTALLATION

- Never install this extractor above a solid fuel stove or braai.
- Insufficient distance between the hob/cooker and the extractor could result in damage to the extractor. The minimum distances given in the “installation” section of this manual must be adhered to.
- The maximum distance between the hob/cooker and the extractor as recommended in the “installation” section of this manual must be adhered to. If not, a reduction in cooking vapour drawn into the extractor may be experienced.
- If installed to duct outside, the correct flue pipe must be used.
- The appliance must not be connected to a chimney or flue that is used by a fireplace or other appliance.
- Should additional ducting be used for outside extraction, a reduction in motor suction power will be experienced. Remedies to overcome this drop in suction power may include an additional inline type of motor or an alternative smooth and rigid type of ducting pipe may be used to help the air flow along easier.

CLEANING AND CARE

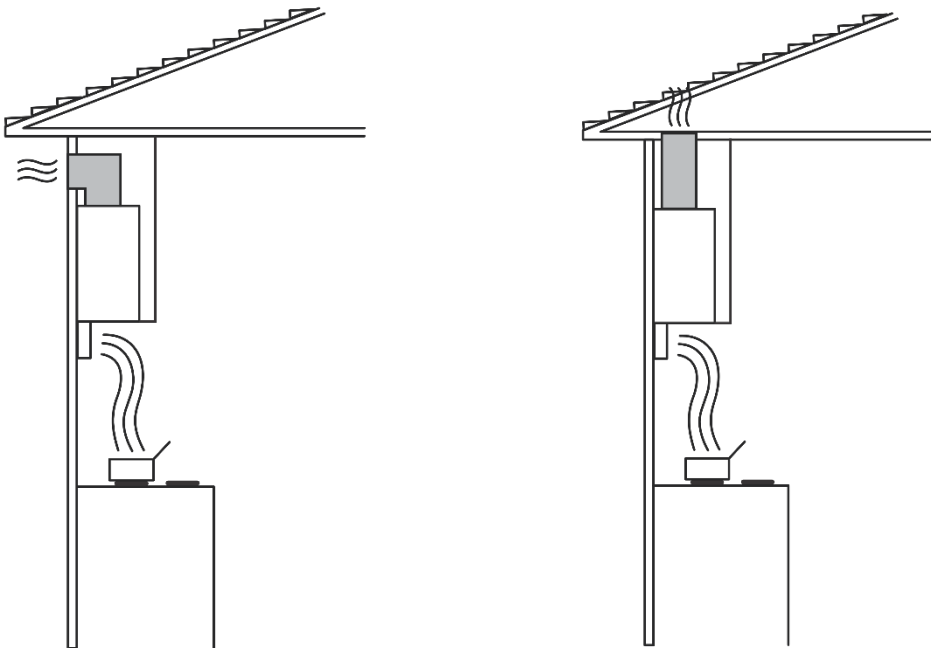
- There is a risk of fire if the extractor is not cleaned on a regular basis. Please clean and remove flammable oil deposits.
- Do not use steam when cleaning as it can damage the electrical components.

INSTALLATION

TYPE OF EXTRACTION TO BE USED

Your extractor can be used in the following two ways:

Outside Extraction is when cooking vapours are drawn in by the extractor, passing through the grease filters, which are then filtered and ducted to the outside by means of a ducting pipe, with an internal diameter of 180mm, either through the wall or up through the ceiling.

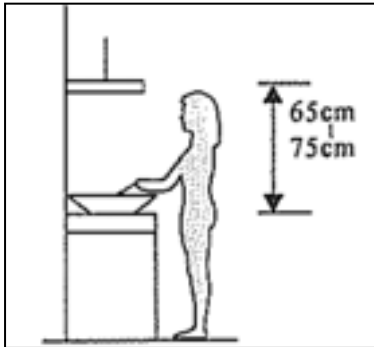


Recirculated Extraction is when the cooking vapours are drawn in by the extractor, passing through the grease filters before recirculating back into the kitchen space via a louvre vent grill/cover (not included).

PRE-INSTALLATION

If installed above an electric hob – a minimum distance of 650mm is required, but not exceeding 750mm.

If installed above a gas hob – a minimum distance of 750mm is required.



MOUNTING THE EXTRACTOR

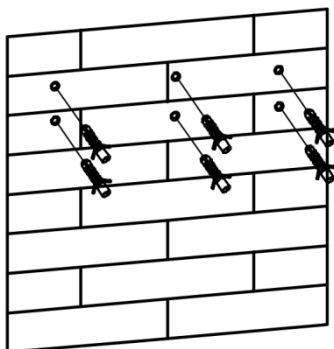
The Falco drop down extractor makes use of a wall bracket from which the extractor fan hangs on the wall. The base of the cupboard must be cut out for the unit to fit in.

Please ensure that the top of the motor outlet remains closed to prevent any debris which may fall into the motor during the installation process.

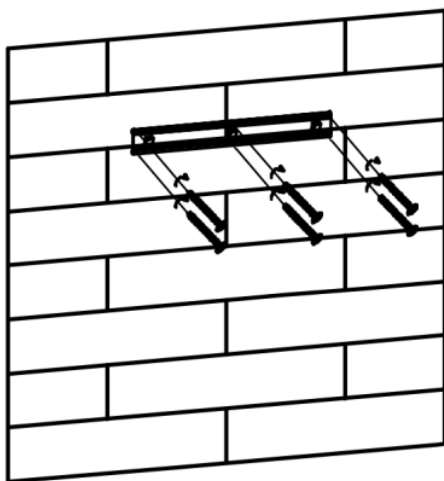
Failure to do so may result in the barrel fan breaking on first start-up due to debris damage.

Should any debris accidentally fall into the motor, please remove before initial start-up.

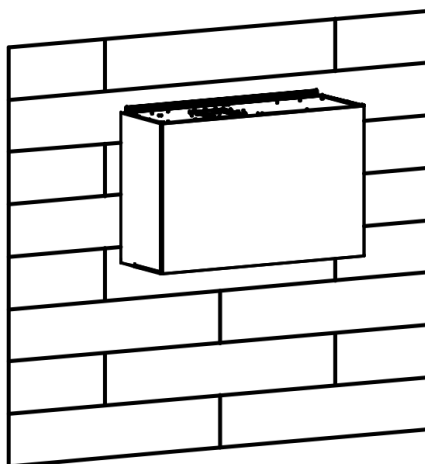
1. Drill holes in the wall and install expansion rubber plugs according to the 1:1 installation diagram.



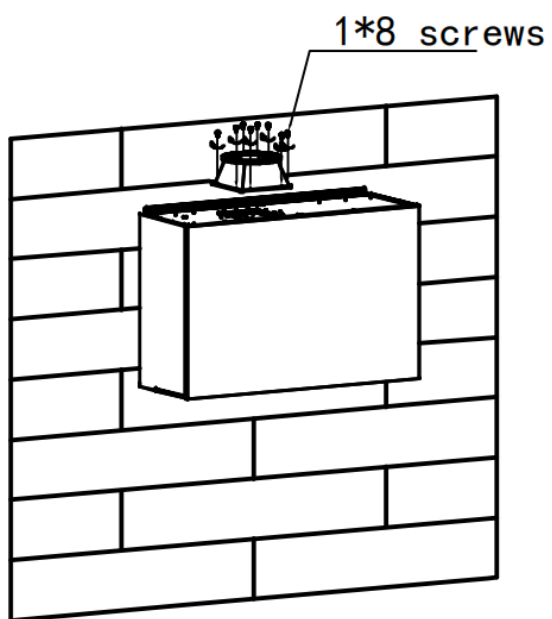
2.Install the hanging bracket.



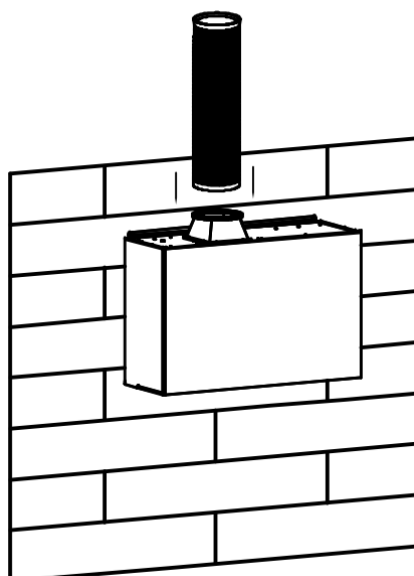
3.Hang the extractor on the bracket.



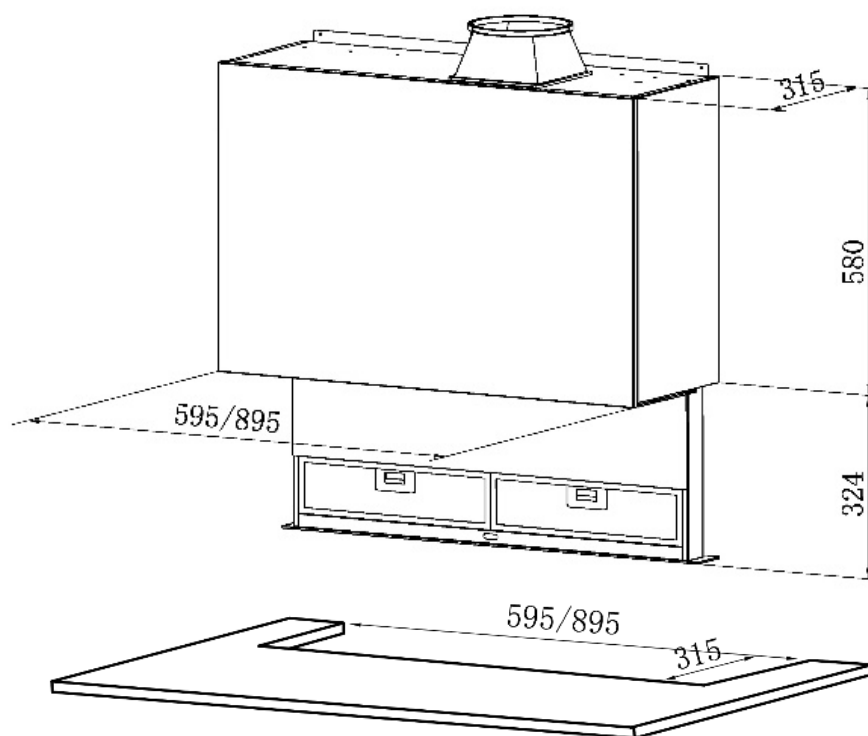
4.Install the ducting adapter.



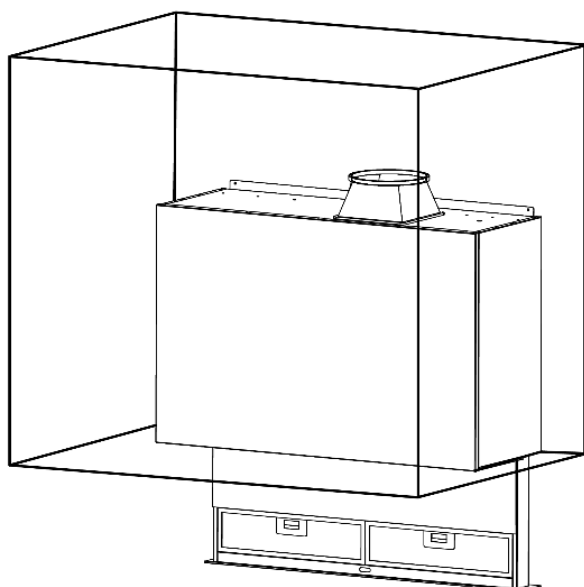
5.Install the ducting pipe.



6. Cut the base of the cupboard.

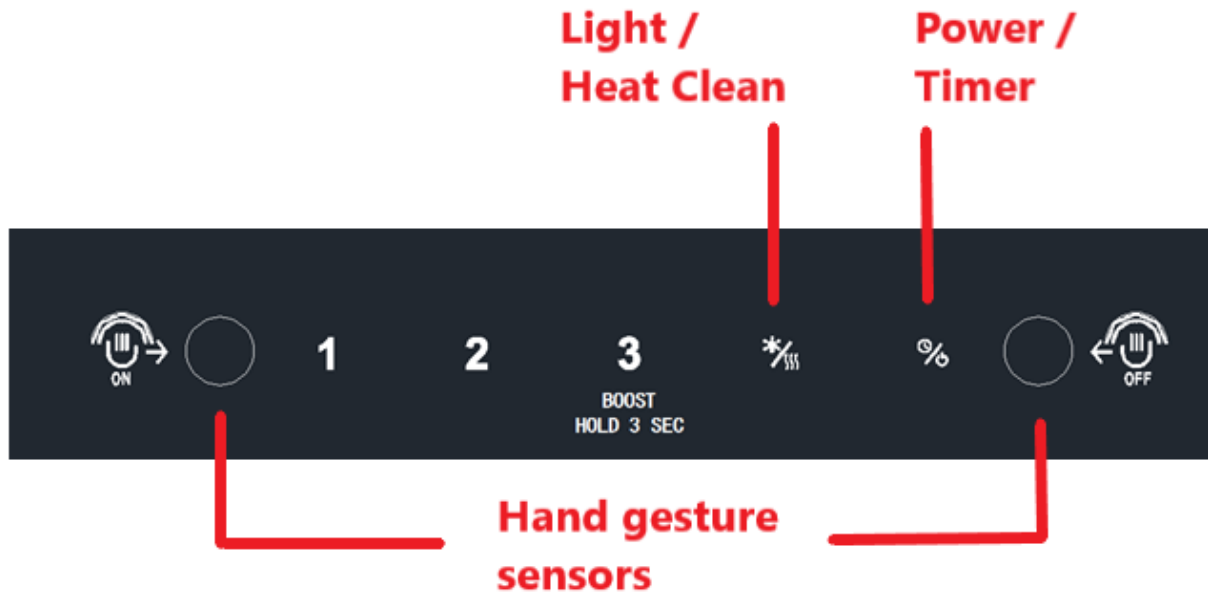


7. Install the cupboard.



OPERATING INSTRUCTIONS

MODELS: AR-60-761A, AR-90-761A



POWER



Power on:

There are two ways to power on the unit:

1. Start by short pressing the power button.
2. Wave your hand from left to right over the hand gesture sensors.

This will turn on the power button indicator light and cause the push rod to open. During this time, all buttons will be unresponsive. Once the push rod is fully opened, the motor will automatically start running at high speed (speed setting 3), and the LED downlight will turn on. Additionally, the motor gear and light button indicators will be illuminated.



Power off:

There are two ways to power on the unit:

1. Start by short pressing the power button.

Short press the power button to enter the 90-second delayed shutdown. After the 90 seconds, the light and motor will turn off, all button indicators will go dark, and after 5 consecutive beeps. The push rod will then close, and all buttons will become unresponsive again. The device will then enter its shutdown state.

Short press the power button a second time to shut down directly.

2. Wave your hand from left to right over the hand gesture sensors.

This will enter a 90-second delayed shutdown. After the 90 seconds, the light and motor will turn off, all button indicators will go dark, and after 5 consecutive beeps. The push rod will then close, and all buttons will become unresponsive again. The device will then enter its shutdown state.

Wave your hand from left to right over the hand gesture sensors a second time to shut down directly.

Note: Please wait approximately 30 seconds after a single beep before attempting switch the extractor on again.

FAN SPEED

1 Low Speed Button

It's used for Ventilation on the kitchen. It is suitable for simmering and cooking which do not make much steam.

2 Medium Speed Button

Airflow speed is ideally for ventilation in standard cooking operation.

3 High Speed Button

When high density smoke or steam is produced, press fan speed 3 button for the highest effective ventilation. Press and hold the fan speed 3 button for three seconds to turn on the boost speed. The fan speed 3 button indicator will flash, and it will automatically return to fan speed 3 after running for 5 minutes.

LIGHT & CLEANING

Light and Heat Clean button

Light: Pressing the light/heat clean button will switch on the downlight. Pressing the light/heat clean button a second time will turn it off.

Heat Clean: Press and hold (3 seconds) the light/heat clean button for heat clean start. The machine will begin a 10-minute countdown. During the first 8 minutes, the heating film will be activated while the motor remains off. When the countdown reaches the final 2 minutes, the heating film will turn off, the push rod will activate, and the motor will start running at fan speed 3.

Once the countdown finishes, the motor will turn off. The machine will then emit 5 beeps. Afterwards, the push rod will close, all button indicators will turn off, and the machine will enter the shutdown state.

To stop the heat clean function short-press the light/heat clean button, the power button or wave (from right to left).

CHANGING FAN SPEEDS

Wave on:

Wave your palm from left to right at a constant speed (approximately 1 second per wave).

First Wave: This action will open the push rod. Once the push rod is fully opened, the motor will start running at speed setting 3, and the light will turn on.

Second Wave: The motor will switch to boost speed.

Third Wave: The motor will change to speed setting 1.

Fourth Wave: The motor will shift to speed setting 2.

The motor will cycle through the speeds in the following order: 3, boost, 1, and 2.

Wave off:

Wave your palm from right to left at a constant speed (approximately 1 second per wave).

First Wave: This will initiate a 90-second delay before the device shuts down. During this period, the motor and light will remain on. After 90 seconds, the device will turn off, and the push rod will close.

Second Wave: This action will immediately shut down the device. The motor and light will turn off right away. After 5 beeps, the push rod will close, and the device will enter the shutdown state.

Note: Ensure that the palm of your hand completely crosses both the left and right sensing areas, with about 2 seconds between the start and end of each wave gesture.

GENERAL MAINTENANCE

- All external surfaces and controls can be cleaned using small amount of washing -up liquid applied with a soft cloth.
- Do not use abrasive cleaning agents that contain soda, acids, chlorides or solvents such as “Handy Andy”, as well as abrasive sponges as these will damage the surface material.
- Stainless Steel surfaces can be cleaned with special stainless steel cleaning agents.

FILTER MAINTENANCE

- Aluminium filters should be removed regularly and washed using soapy water.
 - ❖ Some discolouration of the filter may occur if washed in the dishwasher.

***For models with aluminium filters**
- The charcoal filter is designed to remove additional grease from the cooking vapours. This should be replaced every 6 months.
 - ❖ Fully saturated filters can become a barrier to free flow air movement restricting the performance of the extractor.
 - ❖ Grease laden filters can also be a fire hazard and should therefore be replaced regularly.

PARTS AND SERVICE

Falco extractors are covered by a 3 year “nationwide” guarantee within the borders of South Africa.

Should a service call be required please contact us on:

Tel: 010 880 1823 / 011 454 4314

Cel: 082 769 2715

Website: www.falco.co.za

Email: service@falco.co.za

WARRANTY

Warranty and service certificate:

This certificate is issued by Falco Domestic Appliances, supplier of Falco models. Hereinafter referred to as 'The Company', to the original purchaser only, of the product/appliances described on the certificate and shall constitute the only warranty given in respect of this product/appliance.

The Company warrants to the original purchaser that for the period of **THREE YEARS** on domestic products from date of purchase the appliance should be free from defect under normal domestic use, both in workmanship and material.

Important Notice:

Please **DO NOT** remove the warning label on the motor housing until the installation is finished. Debris dropped inside the motor housing during installation causes the motor fans to break when the unit is turned on resulting in a very loud and noisy extractor. All fans are tested on the assembly line before packaging.

Venting Outwards and Ducting: Please ensure your ducting hose (if venting outwards) does not exceed more than 2.5m. An additional in-line extraction motor must be fitted in-line with the ducting on all ducting exceeding 2.5m. To avoid a reduction in extraction rate, it is important to keep the length of your ducting under 2.5m. The longer the ducting, the less extraction power your extractor will have unless you fit an additional in-line motor to support in the extraction of the air. Failure to comply with the above shall void the purchaser's warranty until such time they correct the installation.

If not, the warranty is subject to the following conditions:

1. Repair or replacement of any part of this product/appliance, found by The Company to be defective, shall be at the cost of The Company. The Company reserves the right to affect such service through any Service Division authorised by The Company to carry out service on The Company's products/appliances. The cost of the service shall be borne by The Company in full, providing that the product/appliance is located no further than 50km from an authorised service agent.
Where the product/appliance is located beyond the 50km radius, the purchaser shall be liable for the standard travelling charges, as determined by The Company or alternatively, The Company reserves the right to ask the purchaser to deliver any faulty product/appliance to the dealer from which it was bought or nearest service agent, for repairs. After the said repair has been completed, the original purchaser is again responsible for the collection and transportation of said product/appliance.
2. Where the purchaser lives in an outlying area (farms/ remote locations) where appointed Service Agents are limited or non-existent, The Company reserves the right to request such a purchaser to transport the unit to and from the nearest appointed Service Agent for repairs.
3. The Company shall not be held responsible for transportation/other costs other than those incurred within the provisions of Clause 1 and 2 of this Certificate.
4. Abuse, misuse in conflict with the operating instructions or connection to incorrect voltages (generators, solar panels, wind turbines without the additional and compulsory addition of pure sine wave invertors), shall release The Company from all its obligations under warranty. It is an express condition of these warranties that the purchaser takes due care and attention in the installation, use and maintenance of the product/appliance.
5. Any physical damage to the product/appliance that occurred prior to delivery/receipt of the product/appliance will only be included in this warranty provided that it is reported, together with the proof of purchase within 48 hours thereof. Any part on any of the abovementioned products/appliances will be excluded from this warranty, should findings indicate that the parts are damaged or malfunctioning because of any form of physical damage.
6. This warranty shall become void and cease to be valid if the product/appliance is dismantled by, or any repairs to the product/appliance are affected by any person not authorised by The Company, or if replacement parts not approved by The Company are used in any product/appliance, or if the serial number of the product/appliance is removed.
7. These warranties shall not apply if the product/appliance is purchased or used beyond the borders of the Republic of South Africa (Swaziland, Lesotho, Namibia, Botswana and Zimbabwe).
8. The Company shall not be responsible for damages resulting from fire, floods, civil disturbances or any Act of God. The Company shall not, in terms of these warranties be responsible, nor held liable for any consequential loss or damage of any kind caused by or due to the failure or malfunctioning of the appliance/product.
9. Where service is requested under warranty and no fault or any defect is found by the Company service agents, all costs incurred will be for the purchaser's account.
10. This certificate together with the purchaser's proof of purchase (Invoice from Dealer) will serve as proof of purchase. For warranty purposes, it will be essential to produce this Certificate with the Invoice. Failure to do so will render the purchaser liable for service costs.
11. The Company will not exchange any faulty product/appliance still under warranty EXCEPT if the appointed service agent inspects and confirms with valid proof that the appliance is irreparable.
12. This warranty shall become void and cease to be valid if the product is installed at the incorrect height. Please refer to your manual.
13. This warranty shall become void and cease to be valid if the incorrect size Extractor Fan is installed above any electrical or gas hob. Example of such an installation is installing a 600mm Extractor above a 900mm gas or electrical hob.
14. This warranty does not cover rodent or insect infestation.
15. Repairs and parts covered by the Company includes: the motor, the PCB, the power and light switch, the capacitor, the motor fan blade and transformer.
16. This warranty shall become void and cease to be valid if the extractor fan is used for commercial purposes or on the incorrect application. This may be subjected but not limited to; outdoors use, use in commercial kitchens, use on motorboats, use above any braai facilities, boarding school kitchens, restaurant kitchens, coffee shops, tuck shops, commercial cookers and chips fryers. Installing and operating your domestic extractor fan above the wrong application poses a serious fire hazard.

Appointed call centre:

FALCO DOMESTIC APPLIANCES (PTY) LTD

Service call centre: Tel: (010) 880-1858; Whatsapp: 082-769-2715

E-mail: service@falco.co.za

Alternatively book a service call online using the following link: www.falco.co.za/service.

Any service-related queries should be directed directly to the dealer (store) where the unit was purchased. Alternatively, the purchaser can contact the appointed call centre on the details provided above. The appointed call centre, Falco Domestic Appliances (PTY) Ltd, will allocate the service call under the warranty procedure to one of their closest service agents in the purchaser's area. No service call will be considered under the warranties if no proof of purchase can be presented.

Compliments or Complaints regarding service can be directed to Info@falco.co.za