



SEMI & FULLY INTEGRATED EXTRACTORS INSTALLATION AND OPERATION MANUAL

Dear Customer,

Thank you for your purchase. To ensure the best use of your new appliance,
please read the user manual carefully and retain it in a safe place for future reference.

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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 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.

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

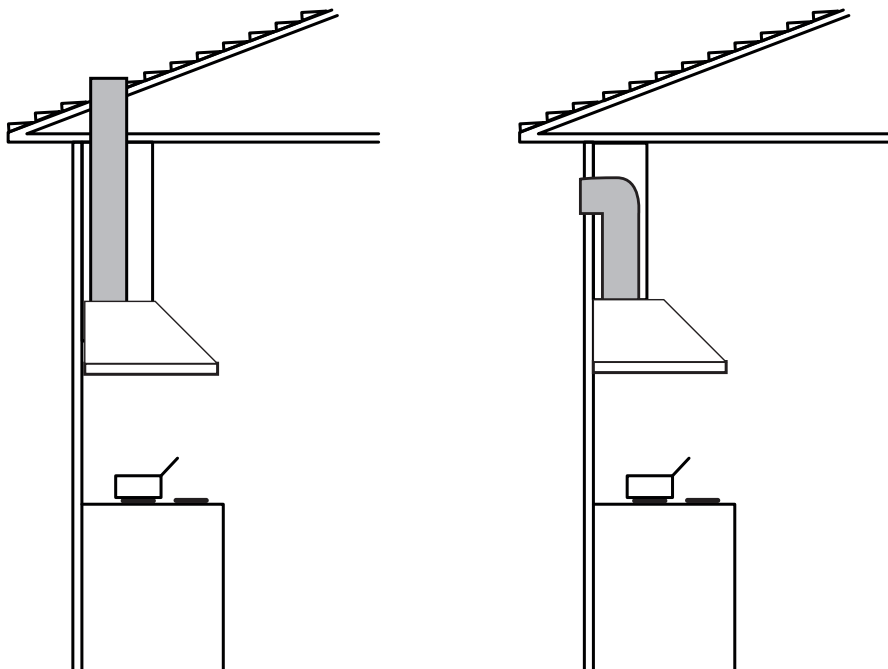
- There is a risk of fire if the extractor is not cleaned on a regular basis. Please clean and remove flammable oil deposits.
- Do not use steam when cleaning as it can damage the electrical components.

INSTALLATION

TYPE OF EXTRACTION TO BE USED

Your extractor can be used in the following two ways:

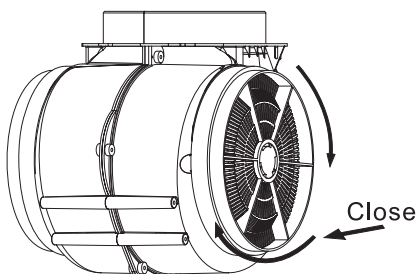
Outside Extraction is when cooking vapours are drawn in by the extractor, passing through the grease filters, which are then filtered and ducted to the outside by means of a ducting pipe either through the wall or up through the ceiling.



Recirculated Extraction is when the cooking vapours are drawn in by the extractor, passing through the grease filters. The vapour then passes through the charcoal filters before recirculating back into the kitchen space via the outlet.

CHARCOAL FILTER TYPES

- Most charcoal filters are round and fit onto the sides of the motor as per the picture below. Once fitted on the motor, turn clockwise to secure in place.

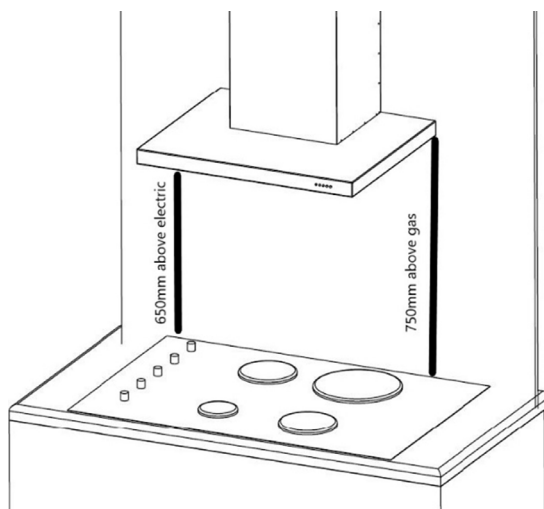


It is recommended to replace the charcoal filters every six months.

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 but not exceeding.



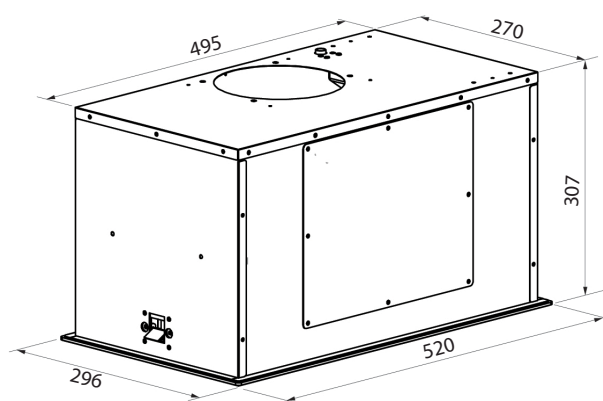
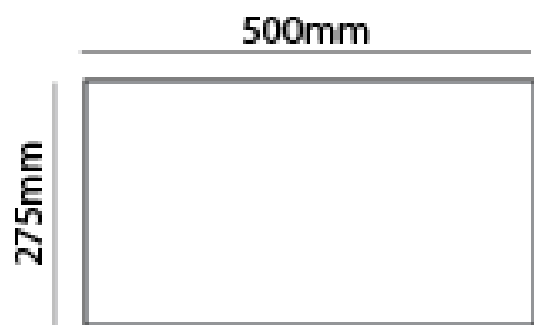
*Please note that if the distance exceeds 750mm less cooking vapour may be drawn in by the extractor for filtration.

CUPBOARD CUT OUTS

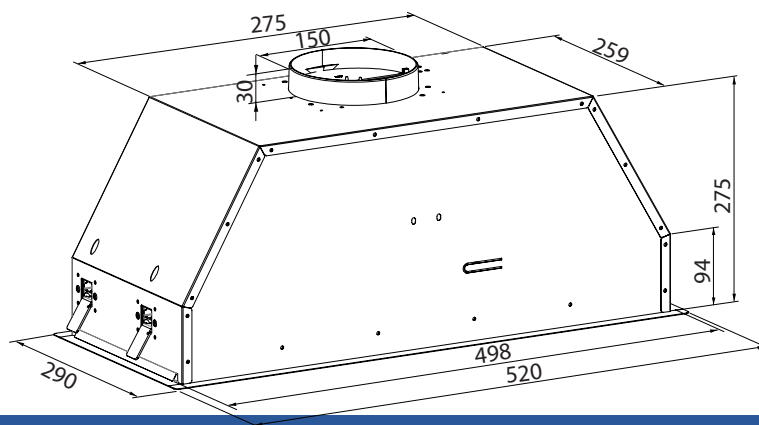
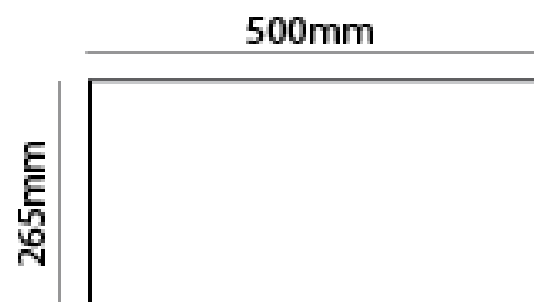
Before starting to cut a hole in the bottom of the cupboard please ensure that the cupboard is big enough to house your model of extractor.

Depending on your integrated extractor, a cut out will be required as follows:

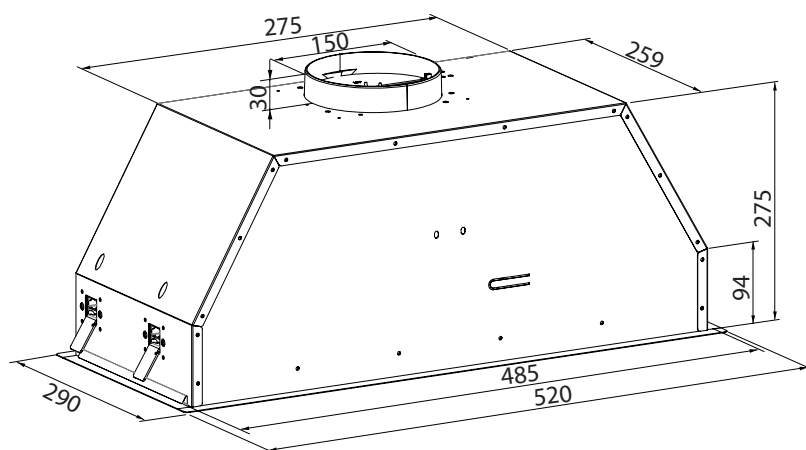
FAL-52-BIS / FAL-52-BIG / FAL-52-BIG-B



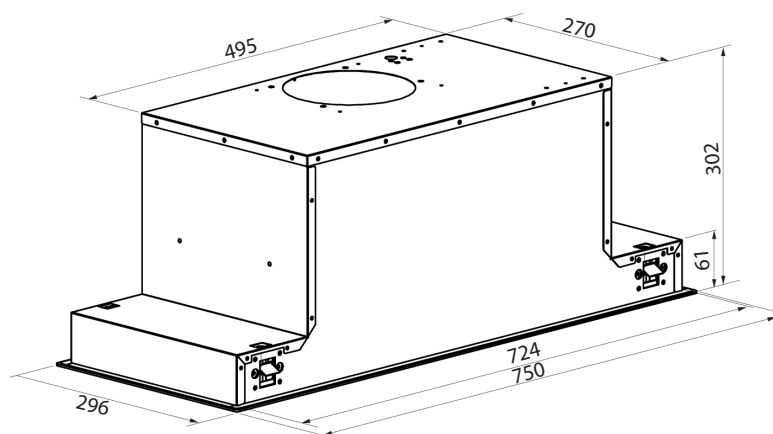
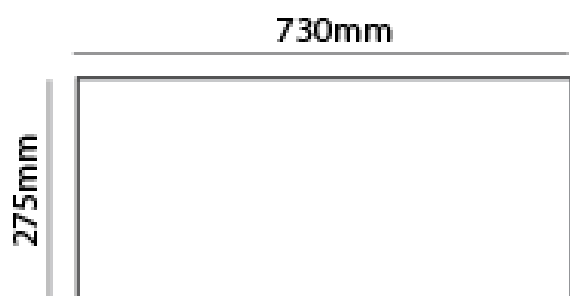
FAL-52-BISB



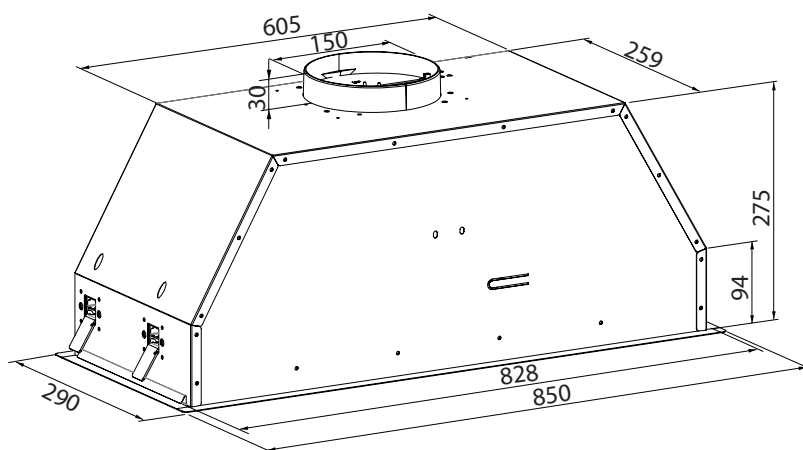
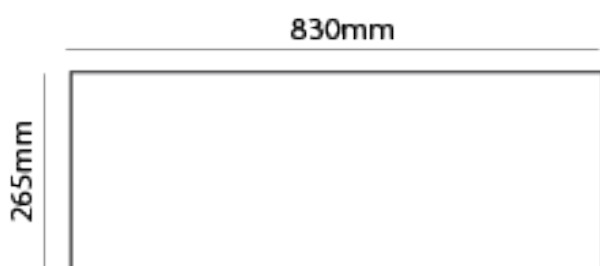
FAL-52-U68SS / ONL-60INTST



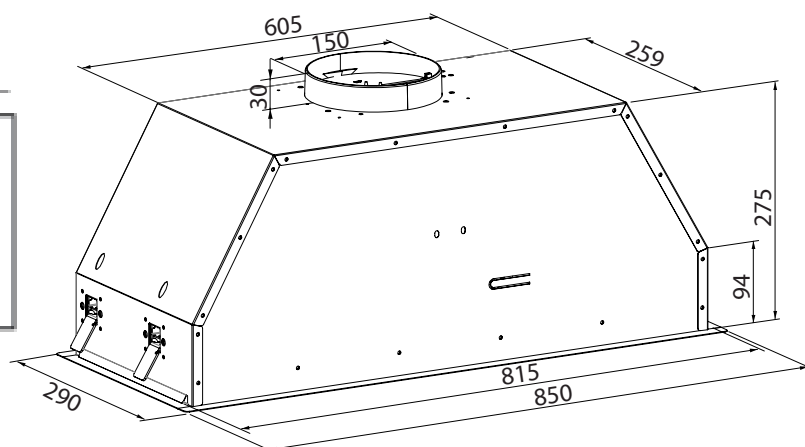
FAL-75-BIS / FAL-75-BIG / FAL-75-BIG-B



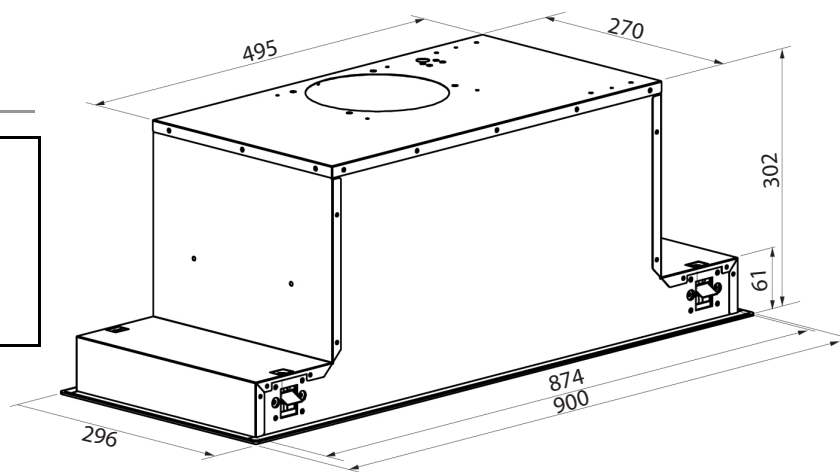
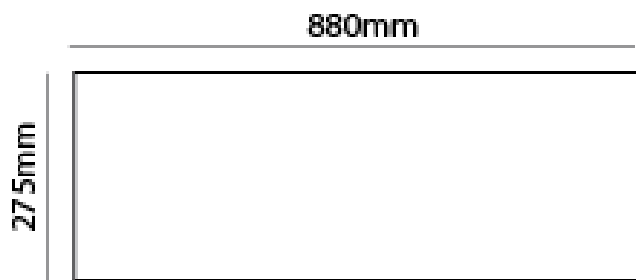
FAL-85-BISB



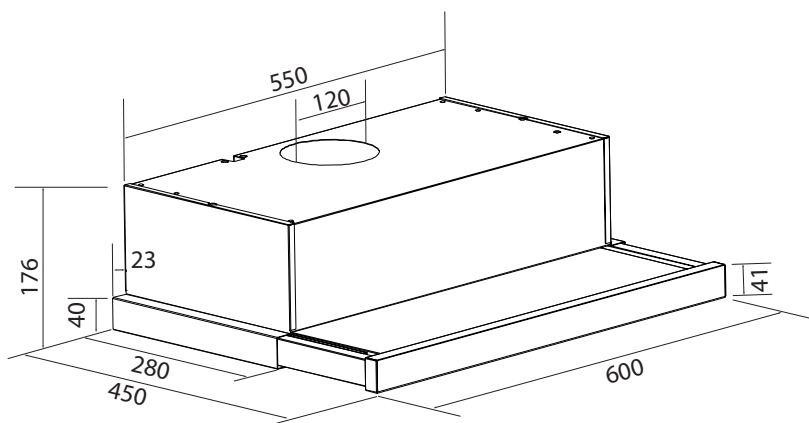
FAL-85-U68SS / ONL-90U68ST



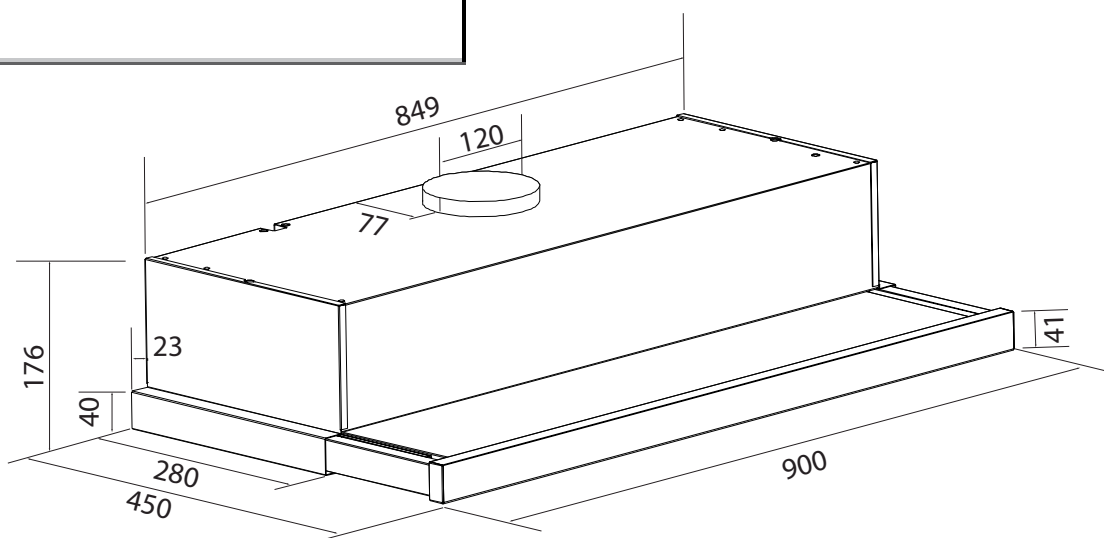
FAL-90-BIG / FAL-90-BIG-B



FAL-60-T62ST / FAL-60-T62ST - B



FAL-90-T62ST / FAL-90-T62ST - B



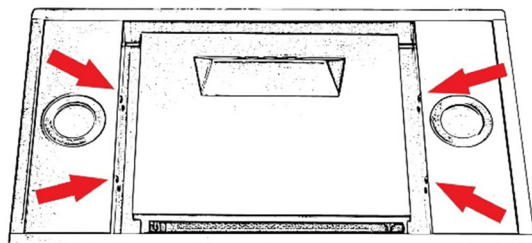
Ensure that there is enough of a gap between the front cut out and that of the cupboard edge. It is recommended that the gap is at least 35mm.

Once the cut outs have been made, follow the below instructions to fit the extractor into place:

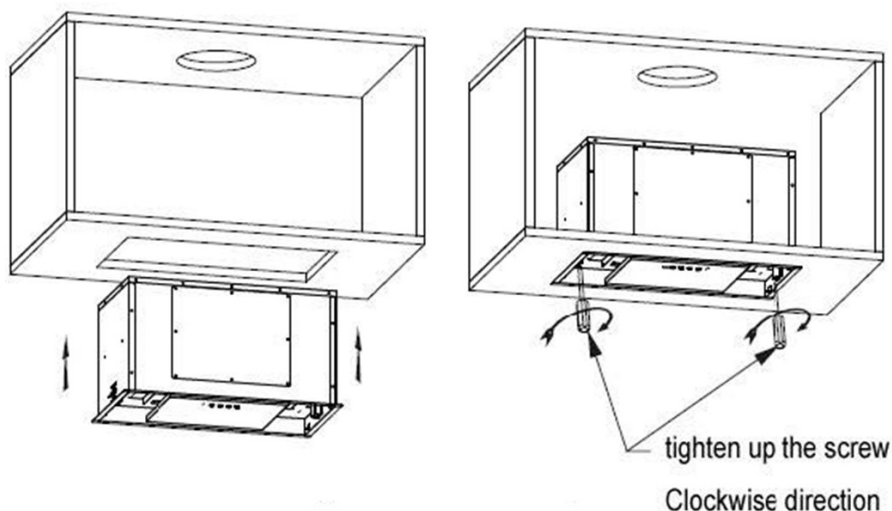
INSTALLATION

INSTALLATION OF FAL-52-BIS / FAL-52-BIG / FAL-52-BIG-B

- Open the bottom flap of the extractor to expose the aluminium filter beneath.
- Remove the screws as per below, this will allow the light covers of stainless steel version FAL-52-BIS / Glass frame panel of glass version FAL-52-BIG to clip off exposing the large adjustment screws.



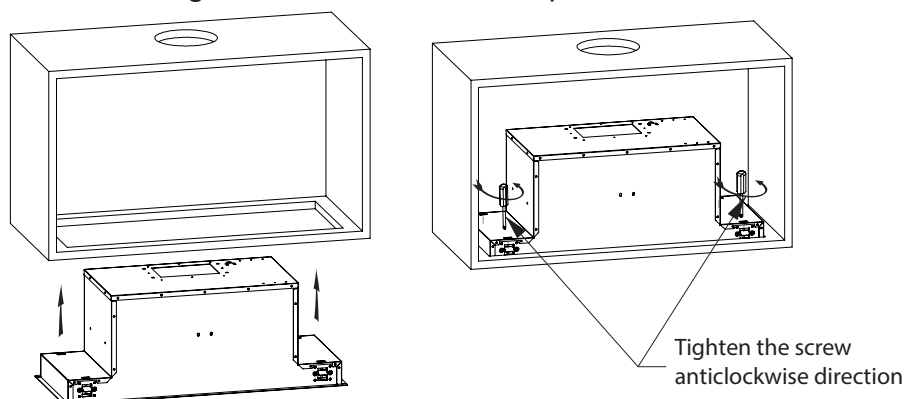
- Disconnect the light electrical connector blocks and set the stainless steel light covers / glass frame panel aside.
- Once the hole has been cut, fit the extractor into the cupboard opening from below. Spring loaded clamps will assist in seating the extractor into the cupboard.



- Once fitted, tighten the screws in a clockwise direction to adjust the hanging height of the extractor so that it is in line with the bottom of the cupboard.
- Reconnect the electrical blocks for the lights and refit the stainless steel light covers / glass frame panel.
- At this point ducting pipe (optional) and the electrical connection can be made.

INSTALLATION OF FAL-75-BIS / FAL-75-BIG / FAL-75-BIG-B / FAL-90-BIG / FAL-90-BIG-B

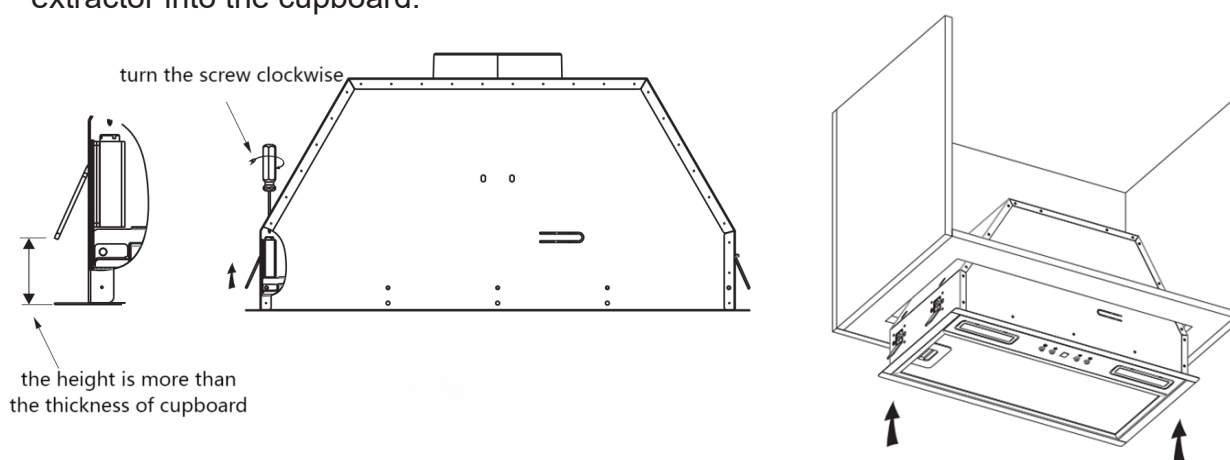
- Once the hole has been cut, fit the extractor into the cupboard opening from below. Spring loaded clamps will assist in seating the extractor into the cupboard.



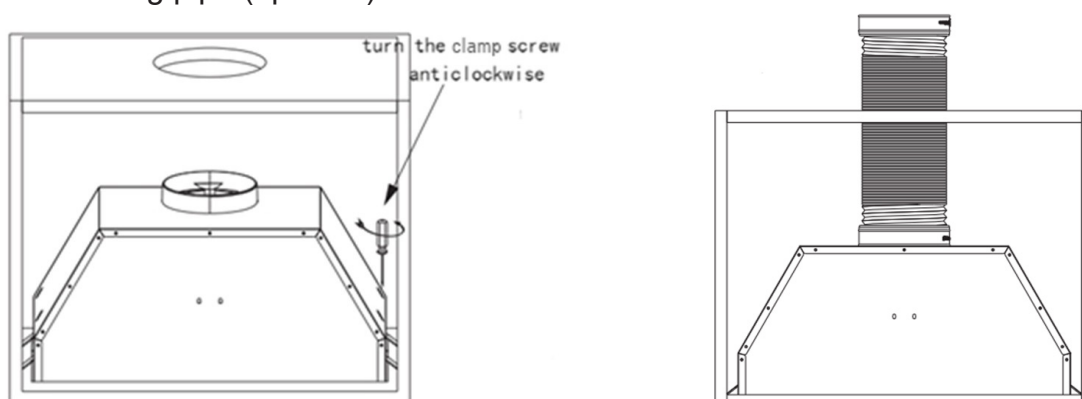
- Use the adjustment screws above the extractor to adjust the hanging height.
- At this point ducting pipe (optional) and the electrical connection can be made

INSTALLATION OF FAL-52-BISB / FAL-85-BISB / FAL-52-U68SS / ONL-60INTST / FAL-85-U68SS / ONL-90U68ST

- Use a screwdriver to turn the clamp screws clockwise. This will raise the clamps. The extractor can now be fitted into the cupboard from below. Spring loaded clamps will assist in seating the extractor into the cupboard.

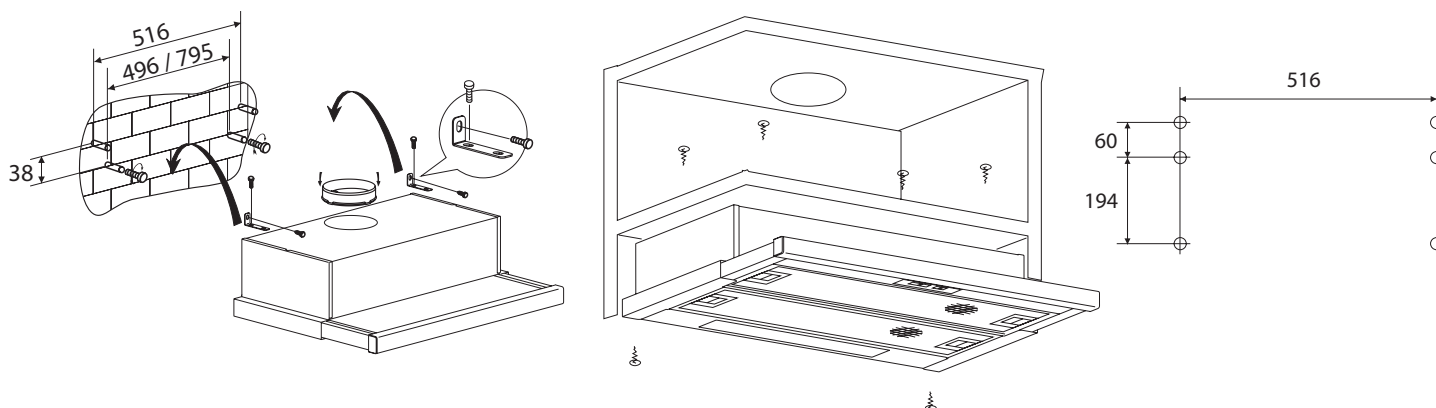


- Use a screwdriver to turn each of the four clamp screws counterclockwise until the hood panel fits horizontally and securely against the cupboard. Ensure the hood is firmly fixed in place. At this point ducting pipe (optional) and the electrical connection can be made.



INSTALLATION OF FAL-60-T62ST / FAL-60-T62ST-B / FAL-90-T62ST / FAL-90-T62ST-B

- Once the hole has been cut, fit the extractor into the cupboard opening from below. Fix it into place by using suitable screws.
- If required, fit the L-shaped bracket below and to the rear of the extractor, to hold the unit in place (The installation of the L-shaped bracket is optional).



- At this point ducting pipe (optional) and the electrical connection can be made

VENTILATION REQUIREMENTS

The extractor fan can either duct out or recirculate the air as explained in section “TYPE OF EXTRACTION TO BE USED”.

If **OUTSIDE EXTRACTION** is to be used, a 150mm or 120mm ducting pipe (included with some models) will need to be fitted onto the motor outlet and then ducted out through the wall or into the ceiling within the cupboard.

If **RECIRCULATED EXTRACTION** is to be used, the charcoal filters must be fitted to the two air inlets on the motor. Since the extractor is fitted into a cupboard, the air being drawn in needs to recirculate back into the kitchen space by means of a louvre vent (not included). These are available from any reputable hardware store or Gelmar (www.gelmar.co.za).

Should a suitably sized louvre vent not be fitted, the extractor will blow open the doors of the cupboard when switched on, as the air will find the easiest way out.

OPERATING INSTRUCTIONS

Please see below the control types applicable to your extractor fan.

MODELS: FAL-52-BIS / FAL-52-U68SS / FAL-75-BIS / FAL-85-U68SS



LIGHTS

The light function can operate independently from the fan function. Pressing the light button will switch on the downlights. Pressing the light button a second time will turn them off.

FAN SPEED

To switch on the motor press one of the fan buttons once. The extractor has 3 fan speeds available for selection. To turn the extractor off press the power button once.

MODELS: FAL-52-BISB / FAL-85-BISB



FAN
SPEED 1



FAN
SPEED 2



FAN
SPEED 3



LIGHT



TIMER

POWER

When connected to a power source, the icons will briefly light up then go into stand-by mode.

LIGHTS

The light function can operate independently from the fan function. Pressing the light button will switch on the downlights. Pressing the light button a second time will turn them off.

FAN SPEED

To switch on the motor press one of the fan buttons once. The extractor has 3 fan speeds available for selection. To turn off the motor, press the same fan button again

TIMER

When the extractor is in use, pressing the timer button once will set up a 5-minute delay, after which the extractor will turn off and enter stand-by mode

MODELS: FAL-52-BIG / FAL-75-BIG / FAL-75-BIG-B / FAL-90-BIG / FAL-90-BIG-B / ONL-60INTST / ONL-90U68ST



FAN
SPEED 1



FAN
SPEED 2



FAN
SPEED 3



LIGHT



TIMER

POWER

When connected to a power source, the icons will briefly light up then go into stand-by mode.

LIGHTS

The light function can operate independently from the fan function. Pressing the light button will switch on the downlights. Pressing the light button a second time will turn them off.

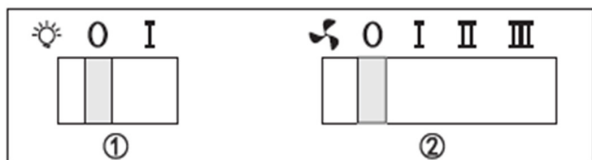
FAN SPEED

To switch on the motor press one of the fan buttons once. The extractor has 3 fan speeds available for selection.

TIMER

When the extractor is in use, pressing the timer button once will set up a 5-minute delay, after which the extractor will turn off and enter stand-by mode.

MODEL: FAL-60-T62ST / FAL-60-T62ST-B / FAL-90-T62ST / FAL-90-T62ST-B



FAN SPEED

To switch on the motor, slide the switch to either of the three fan speeds. To switch off, return the switch to the 0 position or slide the drawer back to the closed position.

LIGHTS

The light function can operate independently from the fan function. Slide the light switch from 0 to I to turn on the downlight. Returning the switch to the 0 position will turn off the light or slide the drawer back to the closed position.

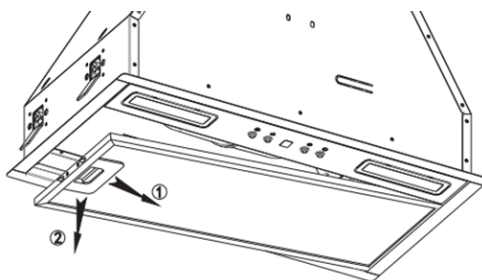
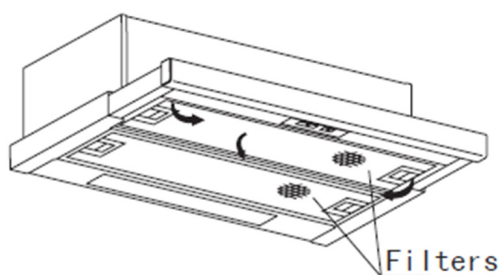
***The slide out drawer also acts as an on/off switch. Sliding the drawer out will power up the unit, while sliding it in will power off the unit.**

GENERAL MAINTENANCE

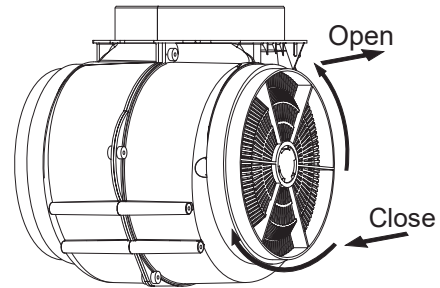
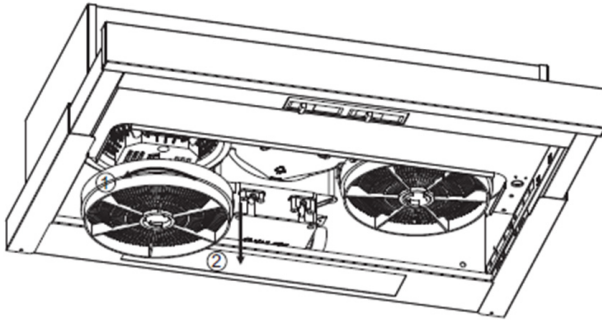
- All external surfaces and controls can be cleaned using a small amount of washing -up liquid applied with a soft cloth.
- Do not use abrasive cleaning agents that contain soda, acids, chlorides or solvents such as "Handy Andy", as well as abrasive sponges as these will damage the surface material.
- 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 or the dishwasher.
- Some discolouration of the filter may occur if washed in the dishwasher.



- Charcoal filters are designed to remove grease and odours from cooking vapours prior. Charcoal filters should be replaced every six months depending on use.
- Fully saturated charcoal 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.
- To remove the charcoal filter rotate it anti-clockwise.



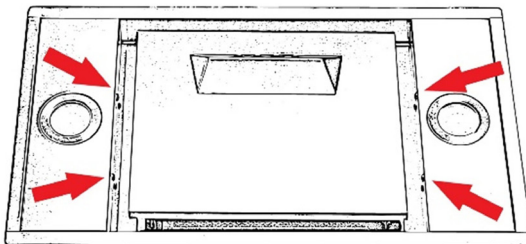
DOWNLIGHT REPLACEMENT

NOTE: Please note that these models operate with LED lights, which are more robust than normal lamp globes.

Should a replacement be required kindly get in touch with our service department, contact details below:

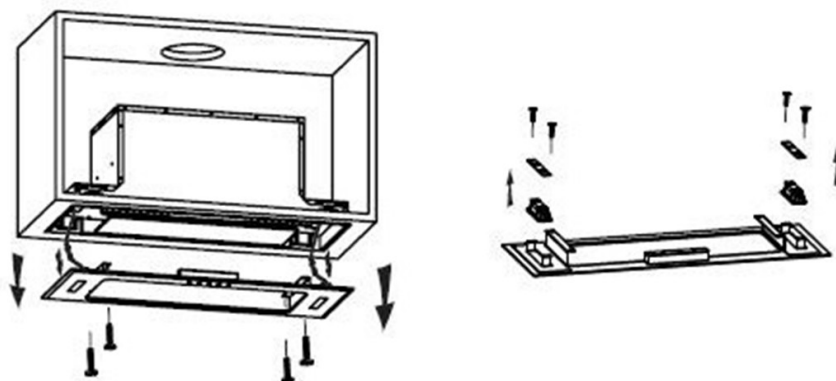
FAL-52-BIS / FAL-75-BIS

- Ensure the extractor fan has been disconnected from the electrical source.
- Open the bottom flap of the extractor to expose the aluminium filter beneath.
- Remove the screws as per below, this will allow the stainless steel light covers to clip off.
- Pull out the downlight electrical cable from the cavity of the extractor until the electrical connector block is exposed, disconnect and remove the old light and reconnect the electrical connector block of the new downlight.
- Reinstall the downlight and stainless steel cover.



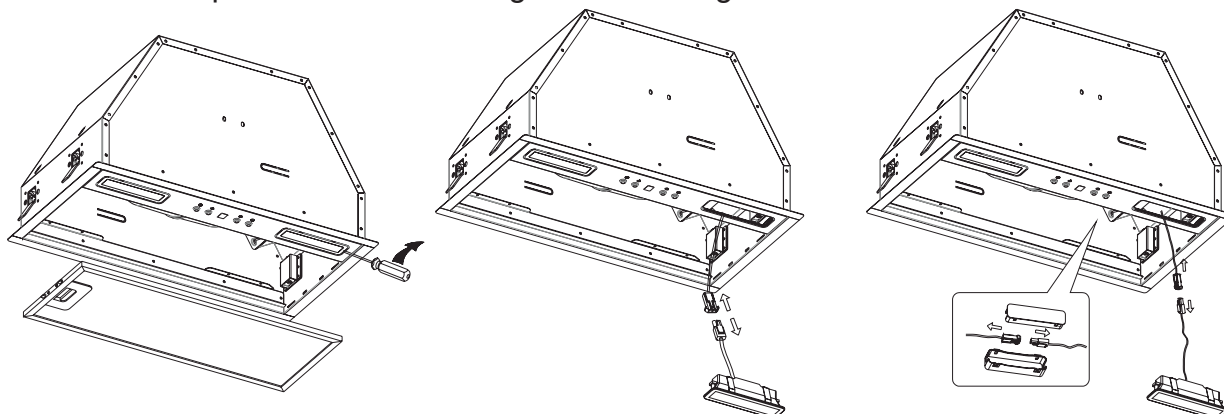
FAL-52-BIG / FAL-75-BIG / FAL-75-BIG-B / FAL-90-BIG / FAL-90-BIG-B

- Ensure the extractor fan has been disconnected from the electrical source.
- Unscrew the 4 x screws on the outer glass frame by means of a screwdriver.
- Once the glass frame has dropped down, pull out the electrical wires and disconnect the electrical connector blocks.
- Remove screws on the light bracket and replace the light.
- Reconnect the electrical connector block, assemble the outer glass frame and screw back into place.



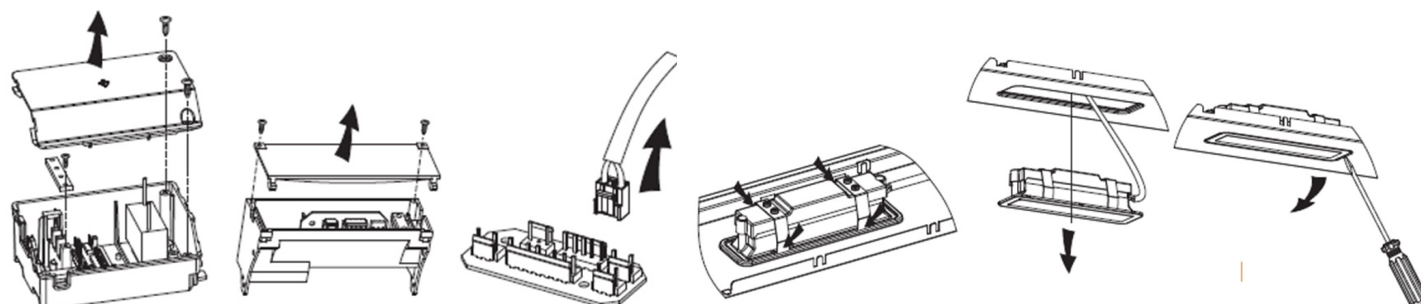
FAL-52-BISB / FAL-85-BISB / FAL-75-BIS / FAL-85-U68SS / ONL-60INTST / ONL-90U68ST

- Ensure the extractor fan has been disconnected from the electrical source.
- Remove the aluminium grease filters so that the motor is exposed.
- Use a screwdriver to remove the LED light
- Locate the wire of the LED light and pull it out to disconnect by grasping the electric connector block firmly and pulling it loose (You can use a small screw driver to assist in prying it loose).
- Reverse the procedure when fitting a new LED light.



FAL-60-T62ST / FAL-60-T62ST-B / FAL-90-T62ST / FAL-90-T62ST-B

- Ensure the extractor fan has been disconnected from the electrical source.
 - Remove the aluminium grease filters so that the motor is exposed.
 - Locate the electrical junction box, unscrew the junction box cover.
 - Locate the wire of the LED light and pull it out to disconnect by grasping the electric connector block firmly and pulling it loose (You can use a small screw driver to assist in prying it loose).
 - The LED light is held in place by spring clamps on both sides. Use your hand to push the spring clamps towards the LED body and gently push the light downwards to loosen it.
- Reverse the procedure when fitting a new LED light.



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 1858 / 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**

