



INSTALLATION AND OPERATING MANUAL
OF THE FAL-110-CEWG CEILING EXTRACTOR



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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, 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.

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 through a wall in the ceiling space.

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 travelling through the ducting pipe:

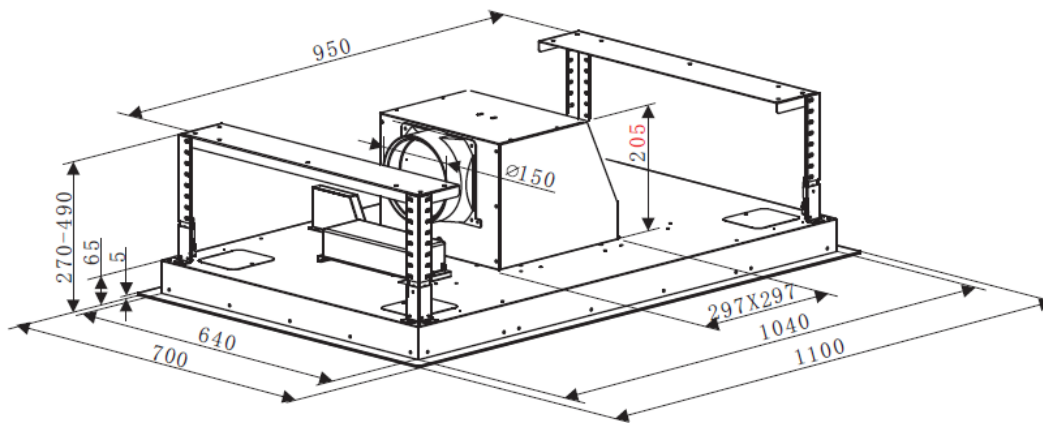
- a. to an air vent (not included) installed on the ceiling through which the air recirculates back into the kitchen space.
- b. where it disperses in the ceiling cavity if there is good ventilation within this space for the vapor to escape outside.

PRE-INSTALLATION

Please take note of the following measurements before any drilling or cutting of the ceiling commences:

1. The ceiling extractor must be installed less than 200cm from the stove for best performance.

FAL-100-38ABL / FAL-100-38AWH

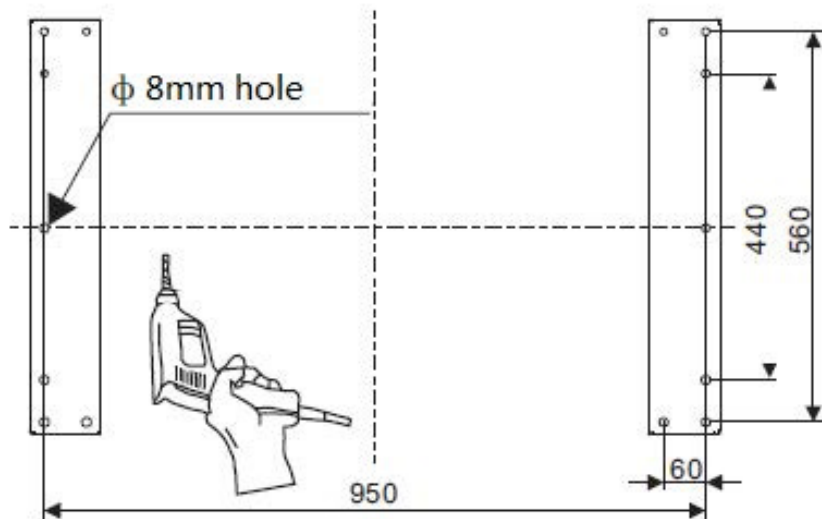


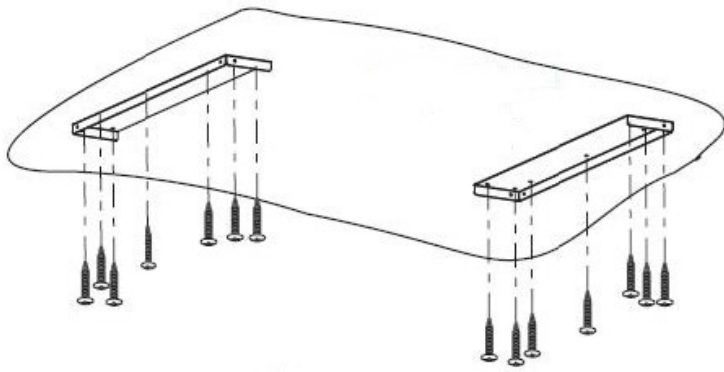
IMPORTANT

Ensure that there is a solid structure on which the ceiling extractor is fixed and hangs from.
Ensure it can bear the weight of at least 120kg.

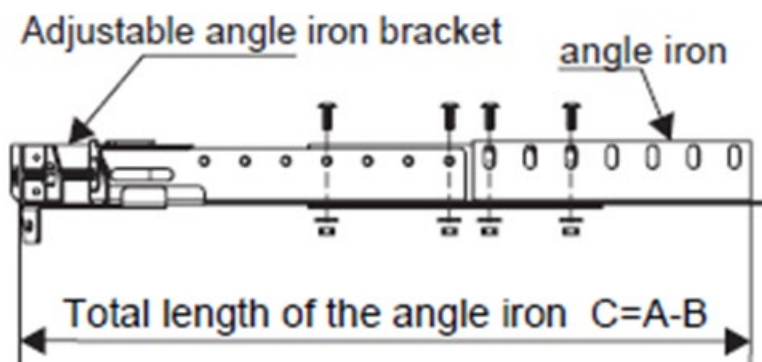
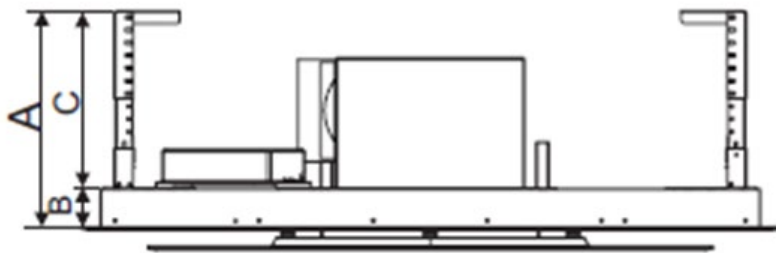
FITTING THE EXTRACTOR

1. Once the cut out in the ceiling has been completed the hanging brackets must be fitted to the supporting roof structure.

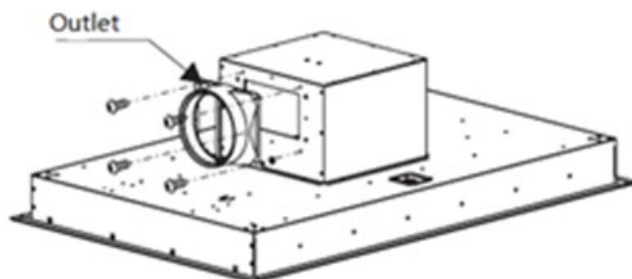




2. The next step is to calculate the length of the angle iron bars which determines the hanging height of the extractor. Once the correct height has been determined, fix the angle irons into the adjustable angle iron brackets using the provided bolts, washers and nuts. (Make sure the overlap length of the angle iron is not less than 36mm).

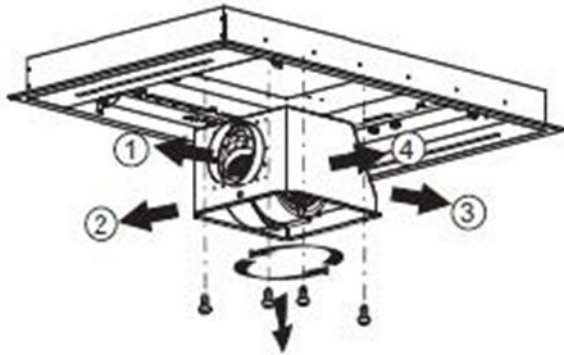


3. As per the picture below, fix the round motor outlet to the top of the motor:

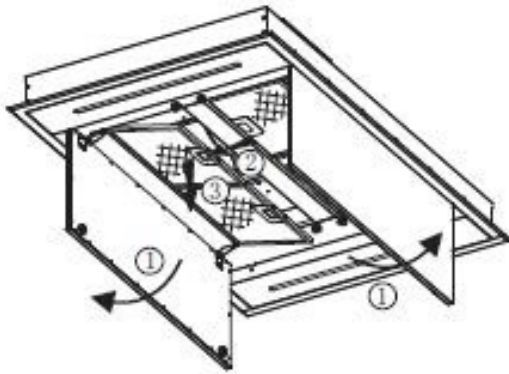


4. At this stage the direction of the motor outlet can be adjusted into 4 positions – 1, 2, 3 or 4 – if required.

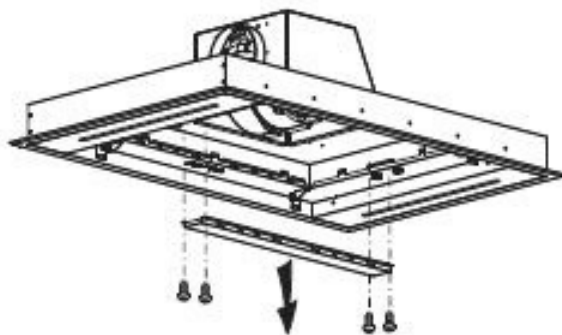
Instruction on how to adjust the direction of the motor outlet on the **FAL-110-CEWG**:



- a. Flip open the glass decorative door flaps and remove the filters.

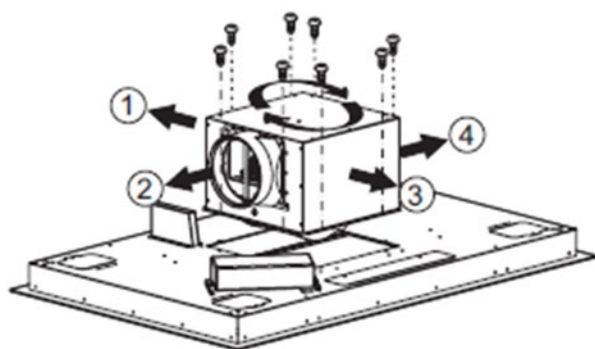


- b. Remove the 4 x screws that hold the decorative panel in place, remove the decorative panel.



- c. Remove the 8 x screws holding the motor housing and rotate in the desired direction. Fix the motor housing back into place using the 8 x screws.
- d. Reinstall the decorative panel.

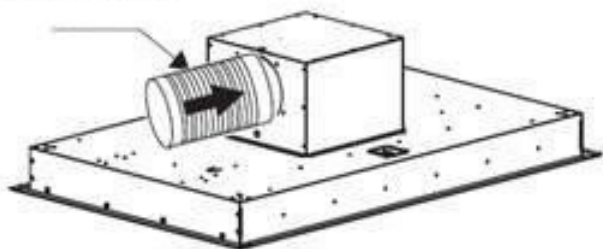
Instruction on how to adjust the direction of the motor outlet on the **FAL-100-38ABL / FAL-100-38AWH**:



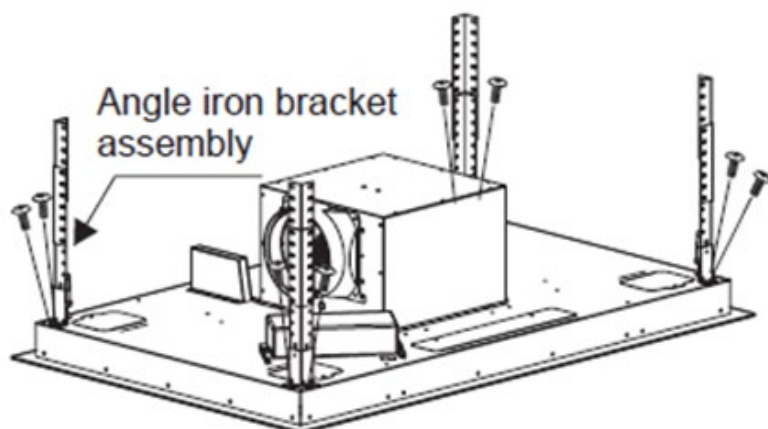
- a. Remove the 8 x screws holding the motor housing and rotate in the desired direction. Fix the motor housing back into place using the 8 x screws.

5. Fit the ducting pipe to the motor outlet and ensure that it is securely fitted in place.

Ducting pipe

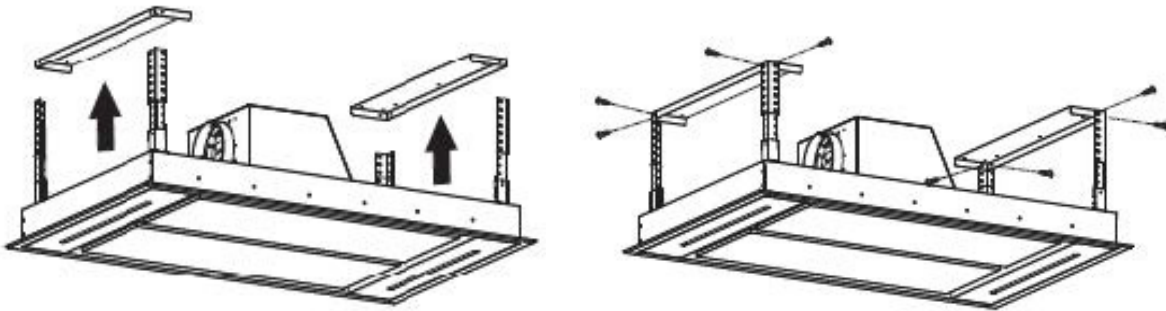


6. As per the picture below, connect the 4 x adjustable angle iron brackets to the extractor.

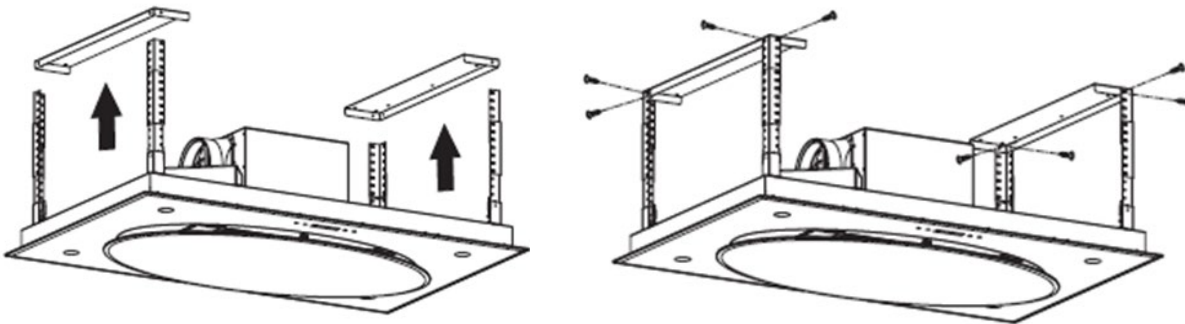


7. Lift up the extractor and fix to the two hanging brackets using the provided bolts, washers and nuts.

FAL-110-CEWG



FAL-100-38ABL / FAL-100-38AWH



8. After installing the extractor to the hanging brackets, the height adjustment screws need to be set to the required height.

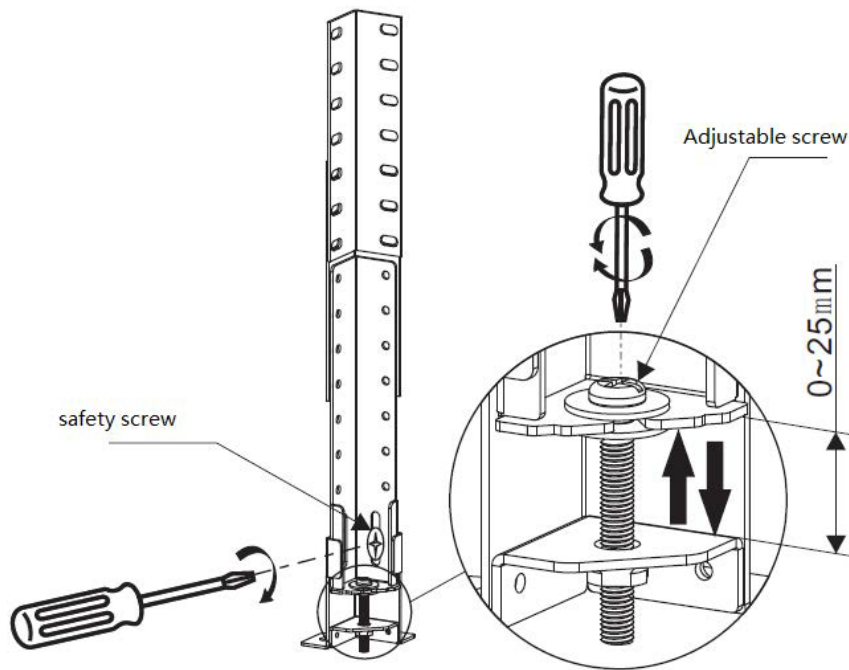
The angle iron bracket can be adjusted 0 -25mm.

Adjusting the screw in a clockwise direction will slightly pull the extractor upwards.

Adjusting the screw in an anti-clockwise direction will lower the extractor slightly.

Important

After the suitable height has been adjusted screw in the safety screw.



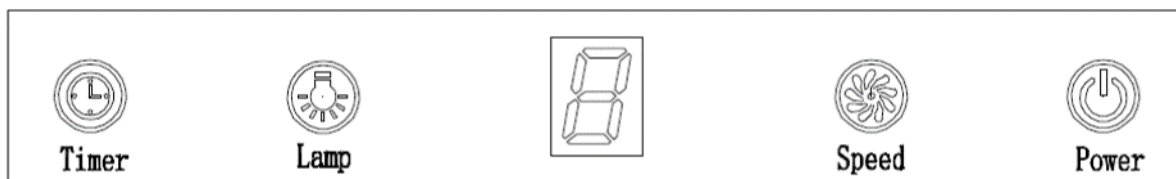
Pic 14

HINTS FOR DUCTED INSTALLATION

In order to have optimal air extraction please follow the instructions below:

- Keep the ducting pipe as short as possible.
- Do not reduce the diameter size of the pipe.
- Keep the bends in the pipe to a minimum.

OPERATING INSTRUCTIONS



POWER

When connected to a power source, the icons will briefly light up then go into stand-by mode after 30 seconds.

The power button switches the extractor on and off.

FAN SPEED

The motor has three fan speeds: Low, Mid and High.

When the extractor is working on the low fan speed, the display will show 1.

Pressing the Fan Speed button again will switch the fan speed to Mid, the display will show 2.

Pressing the Fan Speed button again will switch the fan speed to High, which is the highest fan speed, the display will show 3.

LIGHTS

The light function can operate independently from the fan function whilst the extractor is in standby mode. Pressing the light button will switch on the downlights. Pressing the light button a second time will turn them off.

TIMER

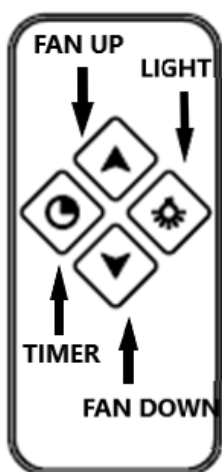
The extractor has a 9 minute timer.

When the extractor is in working mode, pressing the timer button will set the timer to 9 minutes (the number 9 will appear on the display).

Once the selected time has counted down, the extractor fan will switch off.

Please note the downlights do not switch off once the timer counts down and switches off the motor.

OPERATING INSTRUCTIONS USING THE REMOTE CONTROL



***Should the remote control stop working for any reason, the most common cause is a flat battery. Replace the battery with a new CR2032 type.**

CONNECTING THE REMOTE CONTROL

A new remote control must establish a new connection to the extractor when used for the first time.

1. Within 15 seconds after the extractor connects to the main power supply, long press the power button for 5 seconds, the indicator lights begin flashing from one button to another, the extractor is now in connection mode. Press any button on the remote control to confirm the connection.
2. If you want to connect/pair the remote again to the extractor, the previous pairing must be cleared on the extractor.
3. To clear the code, press the power button on the extractor for 5 seconds, the indicator lights begin flashing from one button to another, the extractor is now in connection mode. Then press the power button again for another 5 seconds, the previous connection code is cleared.
4. When the previous connection code has been cleared, the extractor is standby mode. Press the power button on the extractor for 5 seconds, the indicator lights begin flashing from one button to another, the extractor is now in connection mode. Press any button on the remote control to confirm the connection.

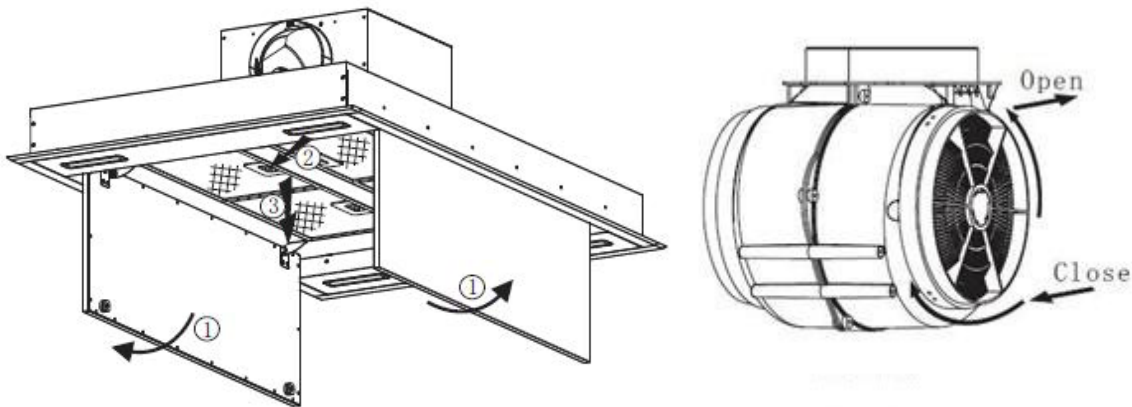
GENERAL MAINTENANCE

- 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.

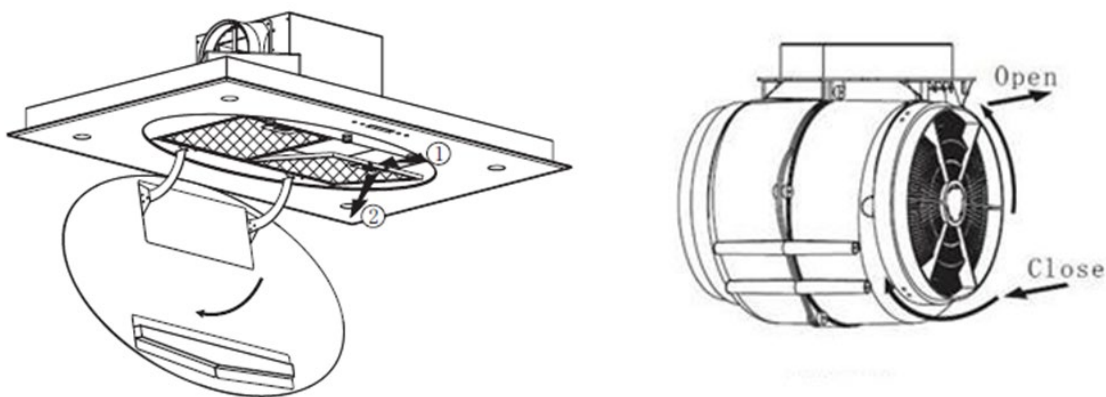
FILTER MAINTENANCE

- Aluminium filters should be removed regularly and washed using soapy water or the dishwasher.
 - ❖ Some discolouration of the filter may occur if washed in the dishwasher.
- The Charcoal filters fitted on the inlets of the motor should be replaced every 4 – 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.

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FAL-100-38ABL / FAL-100-38AWH



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