



INSTALLATION AND OPERATING MANUAL

OF DOWNDRAFT 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 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 through the floor.

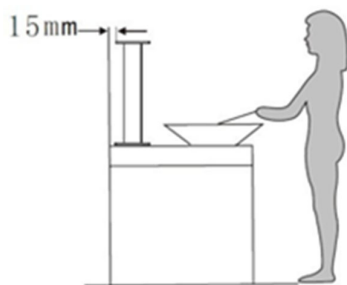
We have found that if a pre-planned rigid type of pipe had not been laid in the floor during the building phase of the project, that there would be a great risk of the floor cracking if only fitted in the end – We would then recommend **recirculated extraction**.

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 the ducting pipe and then through a louvre vent grill (not included) fitted in the cupboard.

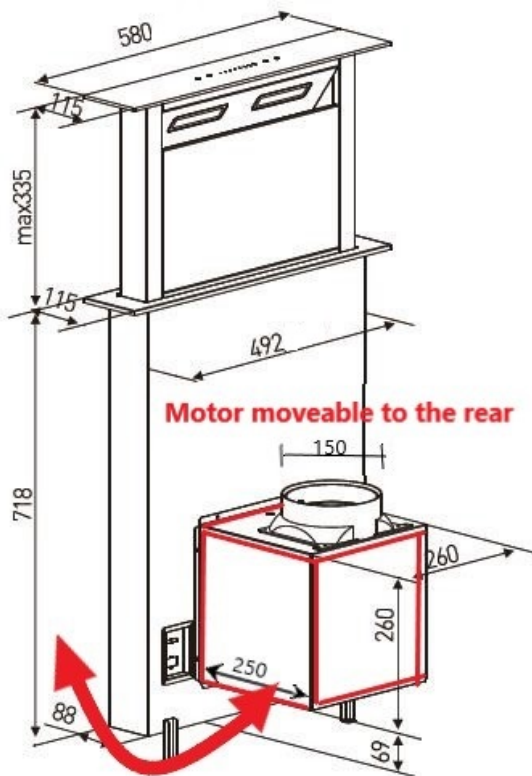
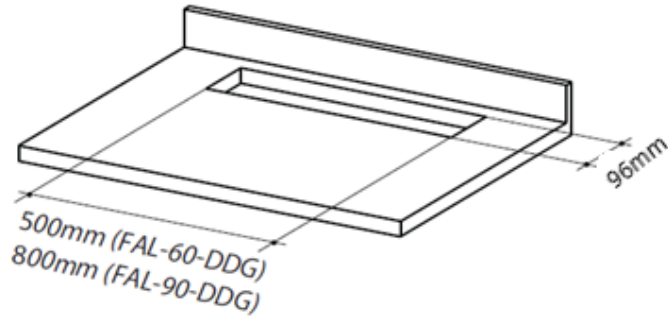
PRE-INSTALLATION

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

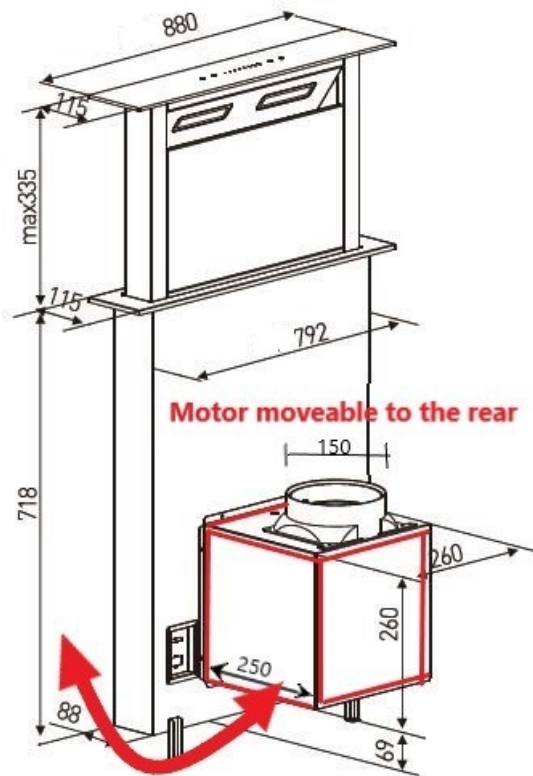
1. The downdraft extractor must be installed at least 15mm away from wall, if not being fitted in an island configuration.



2. Cutting of the countertop to fit the downdraft



60CM FAL-60-DDG/FAL-60-DDG-BG



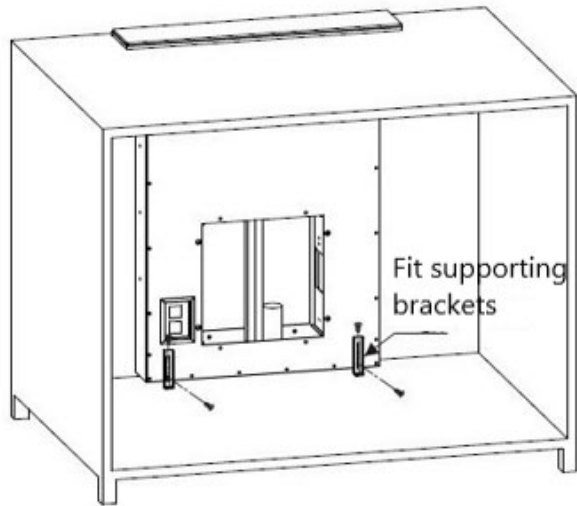
90CM FAL-90-DDG/FAL-90-DDG-BG

IMPORTANT

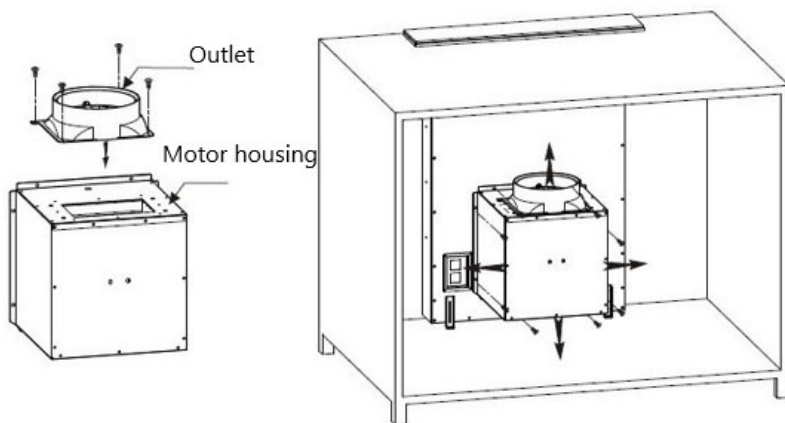
The minimum distance between the back of the hob and that of the downdraft must be at least 5cm, but not exceeding 10cm to ensure optimal performance.

FITTING THE EXTRACTOR

1. Once the cut out in the countertop has been completed the main body of the extractor can be lowered down into place.
2. The next step is to fit the support brackets which will prevent the downdraft unit from tilting forwards or backwards once the motor section is fitted.



3. The motor housing can now be fitted to the extractor using the x 8 screws provided.

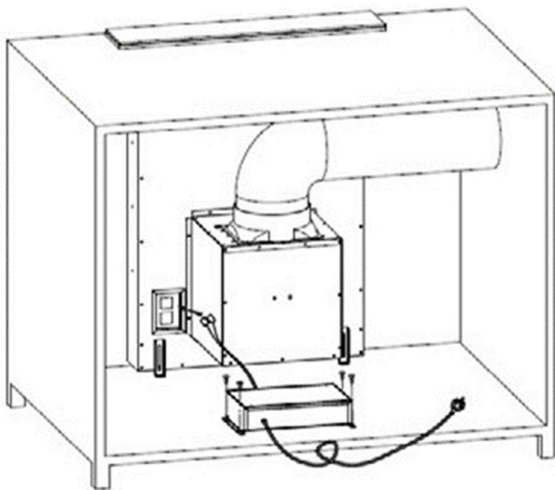


Note that the motor can be rotated sideways in 90 degree increments so that the motor outlet faces in the following directions for easy ducting: up, down, right or left.

IMPORTANT

The extractor comes set up “out of the box” for the motor to mount onto the front of the main body – This can be reversed if required, so that drawers or an oven can be fitted beneath the hob.

4. The final step is to fit the electrical box in the cupboard cavity, connect the electrical cables and ensure a “click” sound is heard to secure the plugs into each other. Finally, the ducting pipe can be secured.



IMPORTANT

- Please connect the cable electrical blocks with caution, there are many electrical wires that could work loose if handled roughly which will cause the extractor to not function correctly.
- Please ensure that the ducting pipe is securely fitted to the motor outlet and that the ducting pipe runs to a louvre air vent in the cupboard so that the air can recirculate back into the kitchen space once filtered.

Failure to install a louvre air vent for air flow recirculation back into the kitchen space will render the extractor’s suction non-functional, as the air will be drawn in to a “dead space” with nowhere to go.

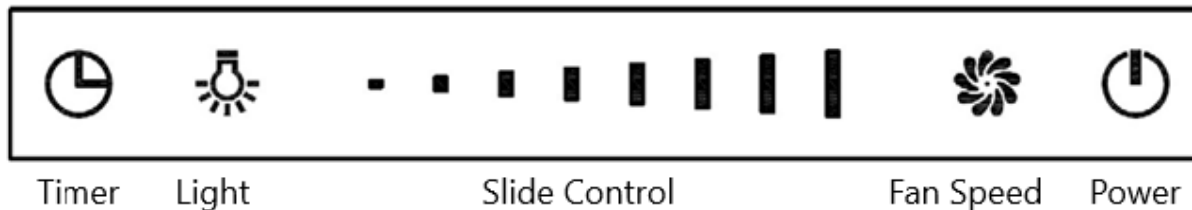
- On first start up, please fit the stainless steel / black glass panel used to cover the aluminium grease filter. This can be found individually wrapped in cardboard in the box.



OPERATING INSTRUCTIONS

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

MODELS: FAL-60-DDG, FAL-60-DDG-BG, FAL-90-DDG & FAL-90-DDG-BG



POWER

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

FAN SPEED

To switch on the extractor, touch the power button for two seconds - The extractor will slide upwards and the motor will start on fan speed one.

To power off the extractor, touch the power button for two seconds – The extractor motor will power down and slide back into the countertop.

On next start-up the extractor will revert back to the last used setting.

CHANGING FAN SPEEDS

The motor function is operated by the slide control. The power level is determined by sliding your finger from left to right (to the left a low fan speed, to the right a higher fan speed).

To switch off just the motor while the extractor is up, press the speed button once.

The extractor motor will switch off, but remain in the upright position where the downlights can still be used.

LIGHTS

When the extractor is switched on and rises upwards from the counter, the lights will automatically turn on after a few seconds.

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

SETTING LIGHT INTENSITY

When the extractor fan is in working mode and the lights have automatically switched on, press the light button once to turn off, press the light button again to turn on. Adjust the light intensity by sliding your finger from left to right on the slide control.

TIMER

When the extractor is in working mode, pressing the timer button once. Use the slide control by sliding your finger from left to right to select a timer setting.

There are 8 x timer settings (in 5minute increments) for selection, corresponding to the 8 x bars on the slide control: 5 – 10 – 15 – 20 – 25 -30 – 35 – 40min.

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

GENERAL MAINTENANCE

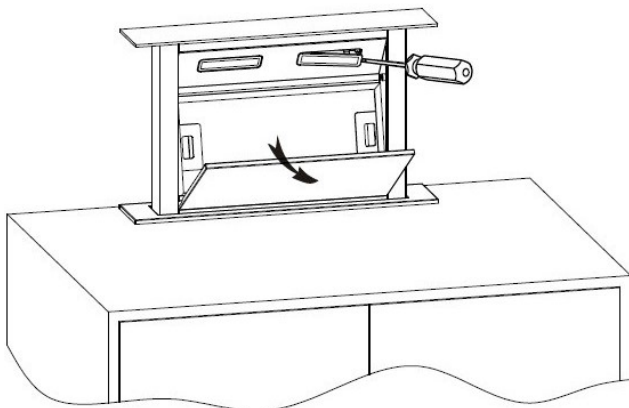
- All external surfaces and controls can be cleaned using small amount of washing -up liquid applied with a soft cloth.
- Do not use abrasive cleaning agents that contain soda, acids, chlorides or solvents such as “Handy Andy”, as well as abrasive sponges as these will damage the surface material.
- 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 Carbon cloth filter fitted behind the aluminium filter is designed to remove additional grease from the cooking vapours. This 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.

DOWNLIGHT REPLACEMENT

- Ensure the extractor has been disconnected from the electrical mains.
- Using a small flat screw driver or a knife with a sharp point, insert into the side of the downlight and twist to pop out the downlight.
- Disconnect the electrical connector block and replace with the new downlight.
- Re-insert the light fitting back into the extractor body.



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