schweigen

PASSIONATE PRECISION

MSQX90

Rangehood & Installation Guide



Under our policy of continuous product development, product specifications may change without notice. Please refer to the online version of the manual for the latest updates and specifications.

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Thank you for purchasing your new Schweigen X rangehood.

To get the maximum output from this unit, please read through this guide before installation and use.

This guide contains important information on the use and maintenance of the unit, as well as important safety notes. This will ensure your personal safety and the lasting value of your rangehood.

We trust that you will enjoy your new Schweigen X rangehood.

PLEASE ALWAYS RETAIN YOUR PROOF OF PURCHASE TO AID IN ANY WARRANTY QUERIES.

If you are unable to locate your warranty card, one is available to download from our website **www.schweigen.com.au**.

This appliance and its packaging are produced by processes that minimise waste and respect the environment.

Please help us to continue our effort to protect the environment by using the appliance efficiently and dispose of the packaging in a responsible manner.

! Your State Regulatory Authority

Different Australian states have varying legislative requirements for the installation of rangehood ducting. Some will insist on ducting being vented externally (i.e. not in to the ceiling cavity); others will not. It is imperative that you check with your state building authority and/or private certifier to confirm their position.

Your Safety

WARNING

Please read this section thoroughly before attempting to operate the rangehood. Thoroughly inspect your rangehood on delivery for any damage or defects. Any damage or defects **MUST** be reported within **48 hours**, or no claim will be recognised.

DO NOT INSTALL THIS APPLIANCE IF YOU FIND IT DAMAGED.

If this rangehood is installed damaged, neither the supplier, nor the retailer will be responsible for the costs associated with the repair, replacement, removal or re-installation of the rangehood.

1. This rangehood is suitable for installation in an indoor kitchen only.
2. There shall be adequate ventilation in the room when the rangehood is used at the same time as appliances burning gas or other fuels.
3. There is a risk of fire if cleaning is not carried out in accordance with the instructions.
4. Do not flambé under the rangehood. This will damage the rangehood and will not be covered by warranty.
5. Do not ignite burners that give off intense, uncontrolled flames beneath the rangehood.
6. Make sure that no flames emerge from the sides of pans.
7. Do not leave packaging materials (bags, corner brackets, etc) within reach of children.
8. This appliance is not intended for use by person/s (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless the person has been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance, it is not a toy.
9. Exhaust air must not be discharged into an existing flue that is used for exhausting fumes from appliances burning gas or other fuels.
10. Air exhaust must be installed in accordance with local laws. Regulations concerning the discharge of air have to be fulfilled.
11. Accessible parts may become hot when used with cooking appliances.
12. Before performing any cleaning or maintenance operation, disconnect the rangehood from the mains the double-pole switch or by unplugging it.
13. Do not use the rangehood without the grease filters.
14. Keep the grease filters clean and follow the recommended cleaning frequencies.
15. Turn the rangehood motor on before starting to cook.
16. Turn the rangehood motor off about 10–15 minutes after you finish cooking.
17. The rangehood is not to be used as an aspirator.
18. Never cook foodstuff directly over the flame or have the gas burners on under the rangehood without using cookware.

BEFORE INSTALLATION

1. We recommend that this rangehood be installed or repaired by a qualified Home Appliance technician.
2. Please see our website **www.schweigen.com.au** for experienced installers.
3. It is dangerous to modify any part of this appliance. Modification of any kind, will void the warranty.
4. The manufacturer declines all responsibility in case of failure to adopt proper safety measures.
5. Ensure that the location of the rangehood has good ventilation.
6. Please consult state and federal regulations regarding installation of the rangehood and ducting.
7. Schweigen Home Appliances will not be responsible for installations executed by non-qualified installers and installations that fail to meet legislation requirements.
8. Any electrical work required to install this rangehood should be carried out by a qualified Electrician.
9. This appliance must be connected to an electricity supply with a ground connection.
10. The electrical technical data can be found inside the rangehood, after removing the grease filters.
11. The flexible power cable supplied is already connected internally and emerges from the rangehood near the air outlet tube.
12. Before installing the electrical connections, you should:
    - Always switch off power using the double-pole switch before maintenance and turn the power on again for normal use only when the maintenance has been completed.
    - Verify that the indicated electrical data coincides with the voltage values and frequency of the electrical circuit in the house where the rangehood is to be installed.
    - Check that the premises has electrical protection against short circuits and electrocution, pursuant to the applicable legislation.

PRODUCT USE

This rangehood is designed to be used in households and for non-commercial uses such as:

- Staff kitchen areas in shops, offices and other working environments.
- By clients in hotels, motels and other residential environments, excluding commercial kitchens.
- Bed and breakfast type environments.

This rangehood is not designed for outdoor or alfresco installation.

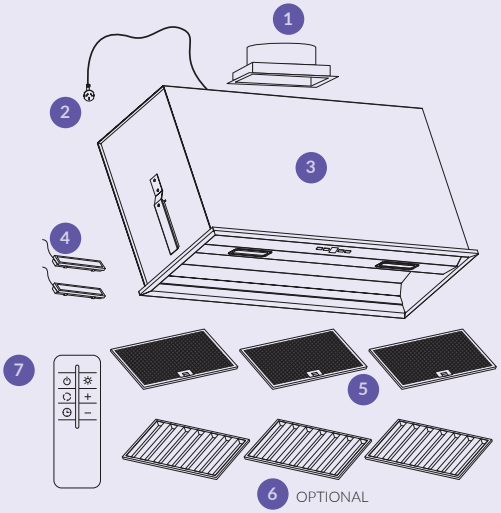
ELECTRICAL CORD

Ensure the power supply cord is not exposed to heat, chemicals or sharp objects. If the power supply cord is damaged, it must be replaced by the manufacturer.

Description

RANGEHOOD

1. Square to round 200mm outlet
2. Power cord
3. Rangehood body
4. LED strip lights
5. Mesh filters
6. Baffles (optional)
7. Remote Control



CUTOUT SIZE

To ensure the correct fit for your rangehod in your cabinetry, use the below dimensions as a guide. It is always best to send your rangehood to your cabinet maker to ensure the correct fit prior to installation.

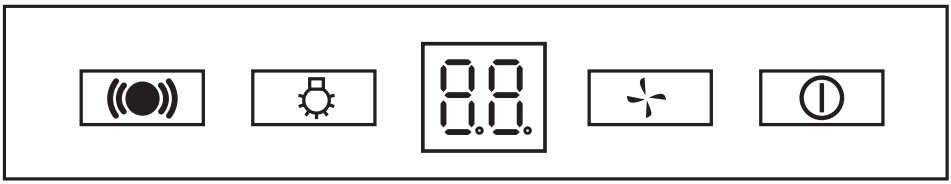
885mm approx.

305mm approx.

Dimensions may be subject to change.

Operation

TOUCH BUTTON CONTROL PANEL



Remote control sensor

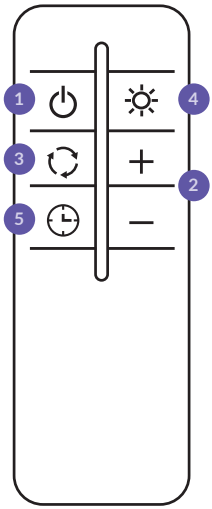
Turn light on/off

Fan speed setting

Turn rangehood on/off

REMOTE CONTROL

As well as the touch buttons, this undermount rangehood comes with a remote control to operate the rangehood.



1. Use this button for turning on and off the rangehood.
2. Changes the speed of the motor (minimum level is 1, maximum is 5)
3. Automatically changes the speed to maximum or minimum speed.
4. Turns the lights on or off.
5. 10 minute timer.

SPEED CONTROL

This undermount is equipped with a 5 speed touch control.

Speed control usage suggestions:

- **Low speed** for simmering.
- **Medium speed** for light cooking.
- **High speed** for heavy frying/cooking.

To activate the shutdown timer on the Touch Button Control Panel: When the rangehood is in operation and a fan speed has been chosen, press the on/off button once to activate the timer. The button will flash to indicate that the 10 minute timer has been activated.

! WARNING

Always switch off and disconnect power before cleaning.

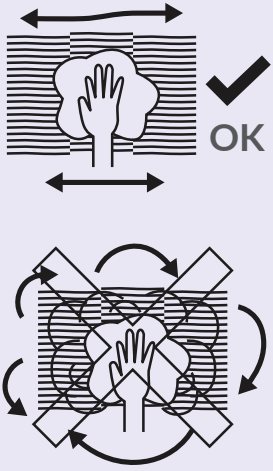
CLEANING THE INTERIOR

Clean the interior of the rangehood with a damp cloth and a neutral detergent or denatured alcohol.

NOTE: Do not use denatured alcohol on the exterior of the rangehood. Do not clean the electric parts or the motor with liquids or solvents.

CLEANING THE EXTERIOR

We recommended rinsing a soft cloth in water and liquid detergent. Wring dry before wiping surfaces dry. For better results, you can use high quality cleaning and protection products (eg. Steel Kleen) to clean your rangehood.



- The recommended detergent is a solution of water and a neutral liquid soap.
- It is very important for the liquid soap to not contain granules that could scratch the surface.
- First apply the solution to a soft cloth and then rub the cloth over the rangehood. It is important to follow the direction of the surface with the cloth (refer to figure on left).
- Do not pour any liquid directly on to the rangehood.
- The cloth must have no buttons, zips or fasteners that could scratch the surface.
- Chemical solvents, aggressive, grainy or abrasive products, naphtha, alcohol or similar products that could damage the surface of the rangehood should not be used.
- The manufacturer will not be held responsible for functional or aesthetic damage caused by cleaning with products which are not suitable or using inadequate cleaning methods.

FILTERS

For this rangehood to function effectively, regular maintenance is a must.

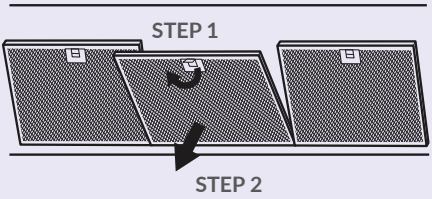
- The function of the filter is to absorb the airborne grease particles from cooking.
- Clogged mesh filters and heavy oil deposits in baffles restrict airflow, cause leaks onto the cooktop and may cause the motor to overheat and become a fire hazard.
- Filters should be cleaned every 3–6 weeks or after 40 hours of use.
- For induction cooktops, aim to clean filters at least every 10 days, depending on use.
- Filters and baffles can be washed by hand or in the dishwasher.
  - Washing by hand: Immerse the filter in hot water and a suitable detergent and when clean, rinse with plenty of hot water.
  - Dishwasher: Put the filter in the dishwasher and select a short program at low to mid temperature.

Please make sure the filters are completely dry before placing them back in position and using the rangehood.

MESH FILTERS

To remove, lift up the lever on the filter and pull towards you.

Once clean and completely dry, replace by reversing the above instructions.

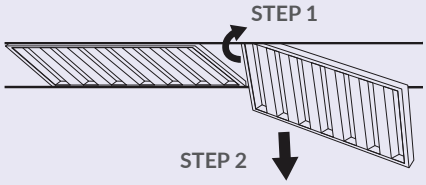


BAFFLES (OPTIONAL)

Ensure the baffles are cold before removing to ensure oil deposits do not spill.

To remove, lift and angle the baffle to allow it to pass through the cavity.

Once clean and completely dry, replace by reversing the above instructions.



NOTE

The colour of the metal mesh filters may change after several washes. This is normal and it is not necessary to replace the filters.

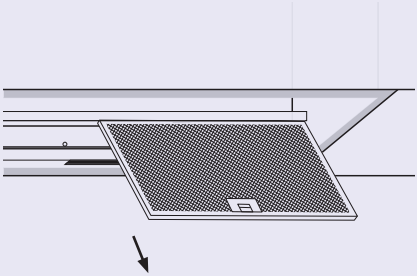
REPLACING THE LED LIGHT

! DANGER

Always switch off and disconnect the power cord before replacing any lights. Failure to do so may cause serious injury. Please be aware that the LED light will retain heat for a short period of time after being switched off. Never attempt to replace the LED by yourself, always refer to a qualified Service Technician.

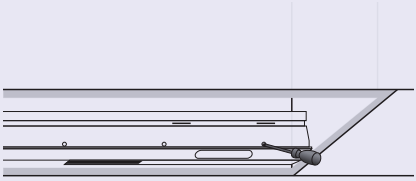
STEP 1

Remove filters from rangehood.



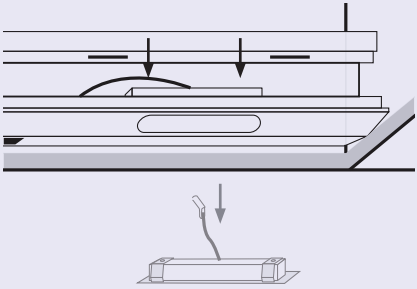
STEP 2

Unscrew and remove the internal panel.



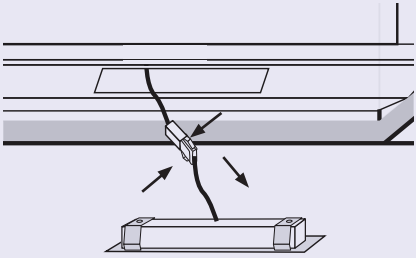
STEP 3

From inside the cavity, push down on the light until it pops out.



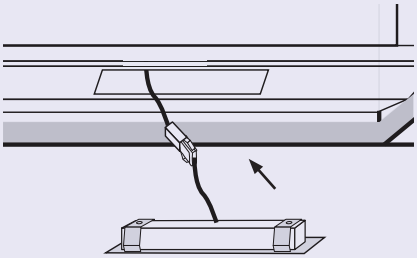
STEP 4

Unclip the cord by pushing in the side clips and pulling the cord.



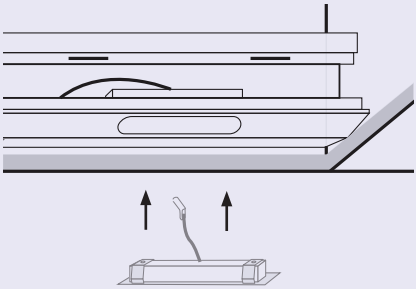
STEP 5

Clip the new light cord in.



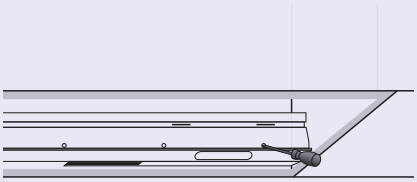
STEP 6

Push the light into the light cavity until it clicks into place.



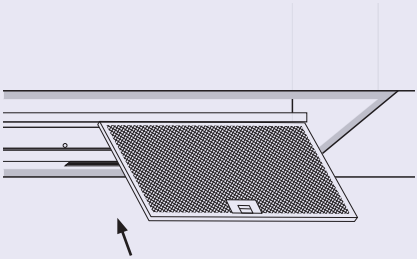
STEP 7

Screw the side panel back in place.



STEP 8

Fit the filters back into the rangehood.

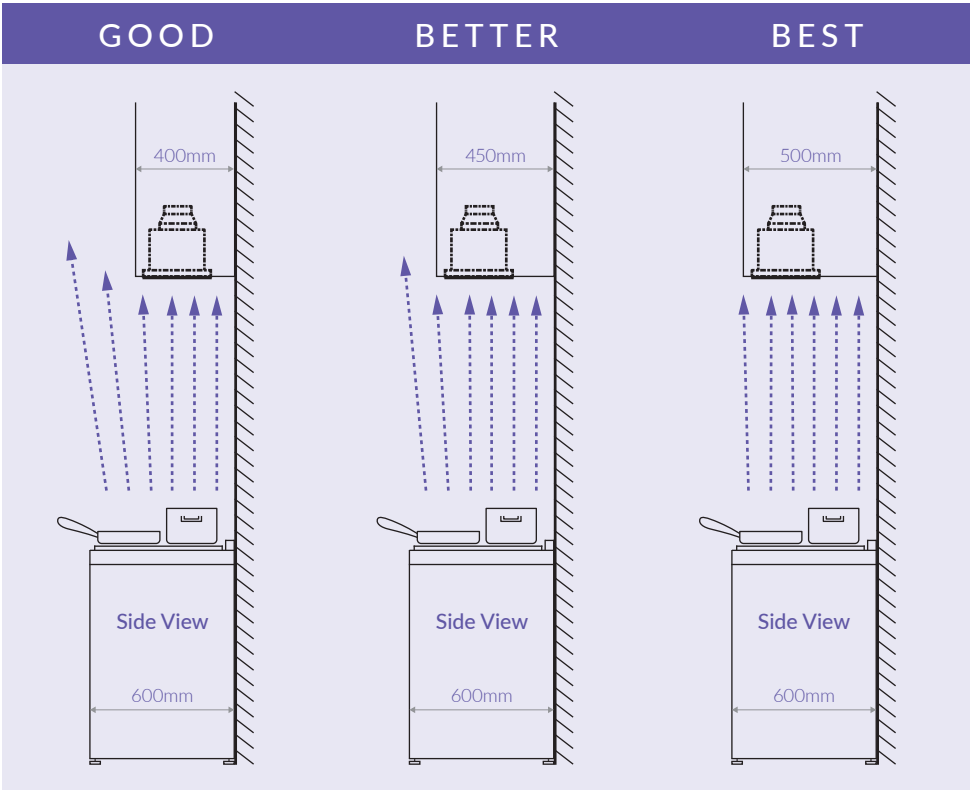


OVERHEAD CABINET RANGEHOOD INSTALLATION POSITION

The installation height and position of your rangehood will affect its performance. Schweigen recommends the rangehood be installed as close to the front of the cabinetry as possible. This will increase extraction efficiency as there will be greater coverage of the cooktop surface area.

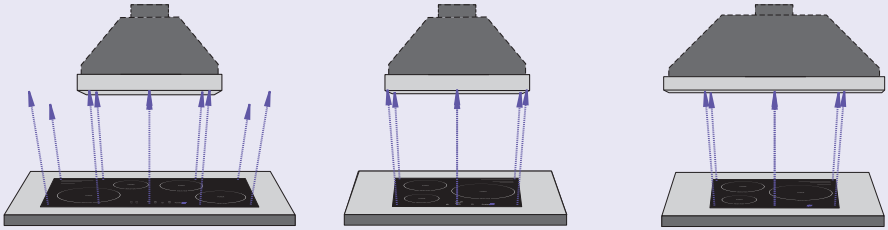
As the diagram below shows, if deeper overhead cabinetry is built, and the rangehood is installed to the front of the cabinetry, a greater amount of air is extracted.

Please see the next page for Schweigen's recommended height for best performance.



RANGEHOOD SIZE VS COOKTOP SIZE

To ensure optimal functionality and air extraction, the correct sized rangehood must be installed. As the diagram below highlights, the larger the rangehood the better the air extraction. At a minimum, the rangehood should be as wide as the cooking zone. A larger rangehood will ensure the best extraction for all burners.



INADEQUATE	ADEQUATE	OPTIMAL
Rangehood smaller than cooking zone	Rangehood same size as cooking zone	Rangehood larger than cooking zone

IMPORTANT

In addition to the information in this manual, please check all relevant state requirements for minimum–maximum heights, as well as regulations regarding the expelling of air. Schweigen is not liable if your rangehood is not installed in accordance with these legal requirements.

IMPORTANT

If the user decides to install the rangehood at a distance of less than minimum height above the cooking surface, Schweigen declines responsibility for any damage suffered by the rangehood due to excess heat or damage to objects, people and others caused directly or indirectly by a malfunction, breakage or fire.

RANGEHOOD INSTALLATION HEIGHT

It is **STRONGLY RECOMMENDED** that the rangehood be installed centrally over the cooktop. This will greatly improve its performance.

Minimum height from the cooktop surface to the underside face of the rangehood:

- **600mm electric cooktop**
- **600mm gas cooktop**

Any installation above 800mm will compromise the extraction performance.

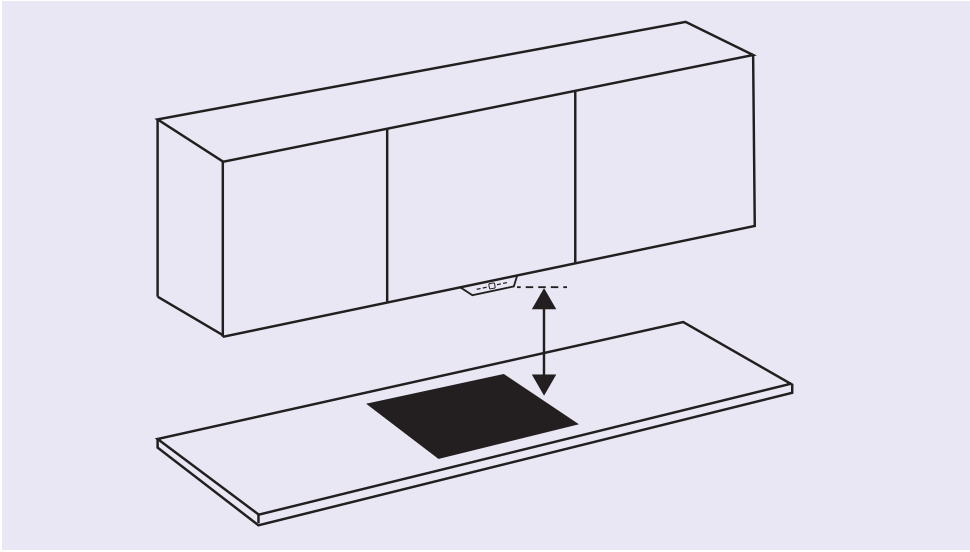
Note: If the instructions for the gas cooktop specify a greater distance, this must be taken into account.

! IMPORTANT

Measurements are from the top of the trivets to the lowest part of the rangehood, including the button controls.

RECOMMENDED INSTALLATION HEIGHT FOR INDUCTION COOKTOP

To help avoid condensation, particular to cooking with an induction cooktop, Schweigen recommends a height between 700-750mm. Refer to page 27 for further information.



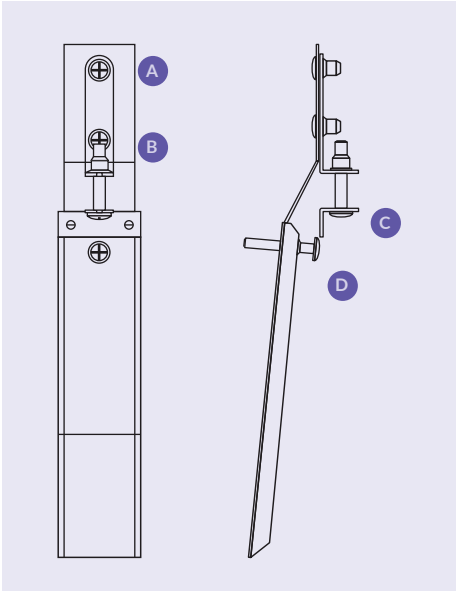
MOUNTING SYSTEM

This undermount rangehood utilises a unique mounting system. Using a specially designed spring bracket system, the rangehood sits on a ledge in the cabinetry and locks itself securely. Please ensure the materials used in the cabinetry can support the weight of the rangehood.

Screws A & B secure the bracket to the rangehood.

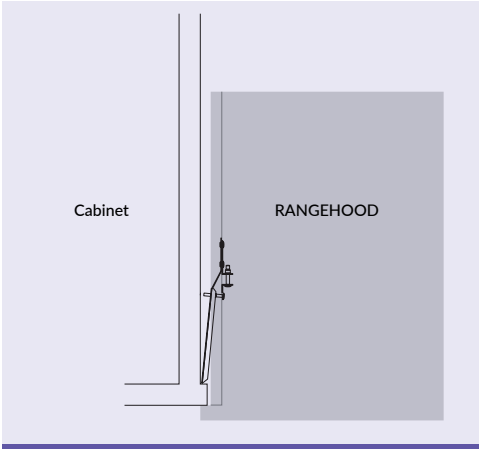
Screw C adjusts the level of the rangehood to the cabinetry base.

Screw D extends the spring bracket to secure the rangehood to the cabinetry

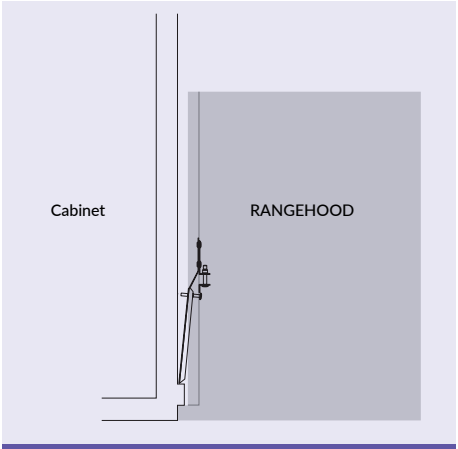


MOUNTING POSITION

The rangehood can be installed either Proud or Flush mounted. The diagrams below show how the cabinetry will need to be constructed for each option. It is best to send the rangehood to your cabinet maker to ensure the correct fit.



PROUD MOUNT



FLUSH MOUNT

INSTALLATION INSTRUCTIONS

Before installing the rangehood make sure that none of the parts are damaged in any way. In case of damaged parts, contact your retailer and do not proceed with installation.

! WARNING

Always switch off and disconnect the power supply before installing the rangehood. Failure to do so may cause serious injury.

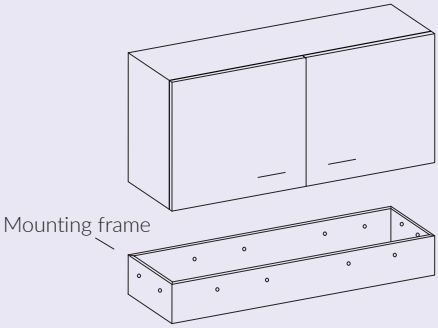
! WARNING

Please remove filters before installation. Failure to do so may damage the clips.

STEP 1

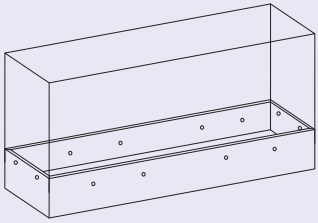
Insert mounting frame into cabinet. The support will only be needed in certain circumstances.

NOTE: The mounting frame is not included. The requirement of a mounting frame is dependent on the type and location of installation. Please contact your installer for more information.



STEP 2

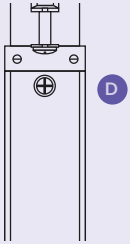
Secure mounting frame to inside of cabinet.



Installation

STEP 3

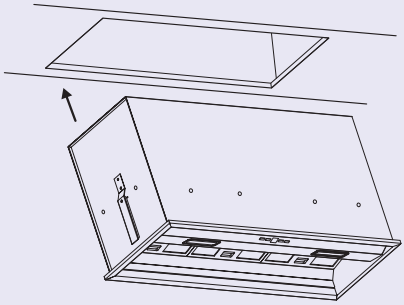
Turn screw D anti-clockwise to extend the outer spring bracket.



STEP 4

Insert rangehood into cabinet cavity until the spring bracket clears the cabinet ledge. The spring brackets should hold the rangehood in position.

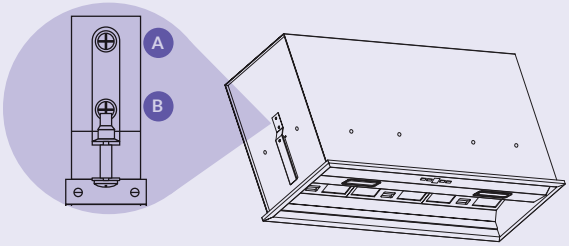
Ensure the rangehood is installed in the correct direction by ensuring the buttons & lights are at the front.



STEP 5

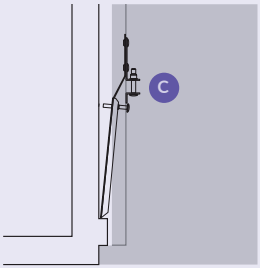
Remove all filters. From inside the rangehood, loosen screws A & B for the spring brackets by turning anti-clockwise.

Do not remove screws.



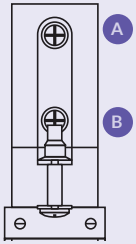
STEP 6

Turn screw C to align base of rangehood with cabinet.



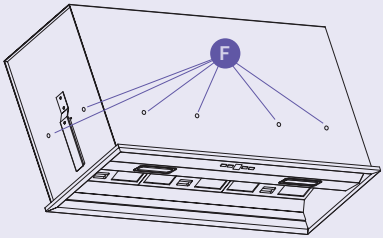
STEP 7

Tighten screws A & B to lock fixing bracket



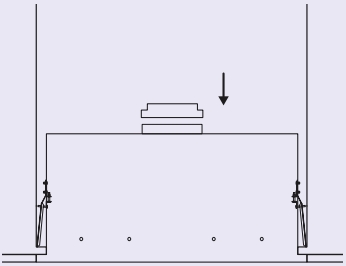
STEP 8

Screw all other F fixing screws to mounting frame.



STEP 9

Attach square to round outlet to top of rangehood.



NOTE

If there is no access to the top of the rangehood after it is installed into the cabinet cavity, step 9 can be done prior to inserting into the cabinet cavity.

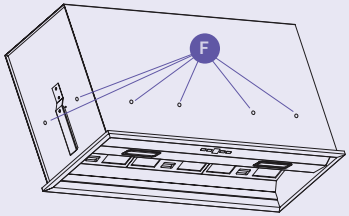
NOTE

Remove all plastic protection on the rangehood and filters before use.

UN-INSTALLATION INSTRUCTIONS

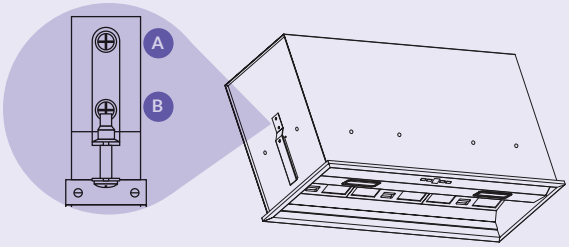
STEP 1

Unscrew all F fixing screws from mounting frame.



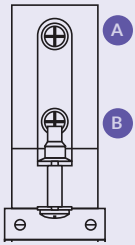
STEP 2

Remove all filters. From inside the rangehood, loosen screws A & B until the rangehood comes down to its lowest position.



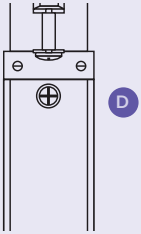
STEP 3

Tighten screws A & B to fix bracket.



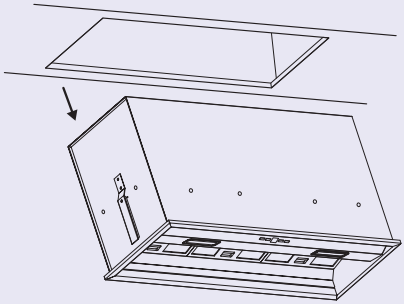
STEP 4

Turn screw D clockwise to take spring bracket back while lifting the rangehood up.



STEP 5

Pull out the rangehood.



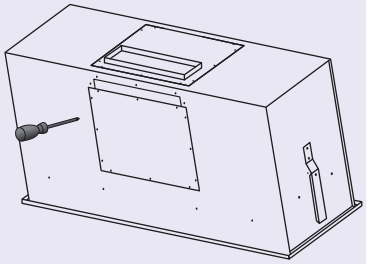
OPTIONAL BACK OUTLET CONFIGURATION

For installations with limited room above the rangehood, the rangehood can be reconfigured with the outlet on the back of the unit. Primarily this suits new buildings where adjustments to walls can be made – older houses may have limited space between the wall and rangehood.

The repositioning must be done prior to the rangehood being installed into the cabinetry.

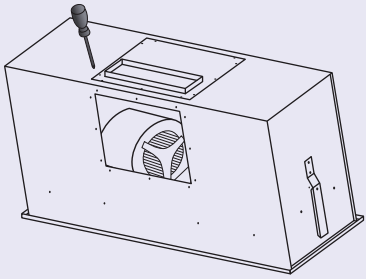
STEP 1

Unscrew and remove the back panel cover.



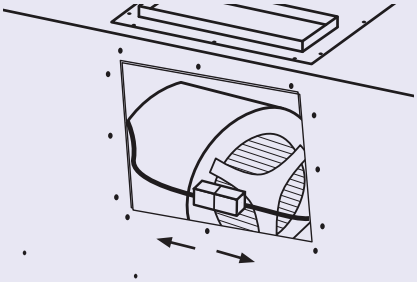
STEP 2

Unscrew the outlet panel cover. Do not unscrew the motor from the cover



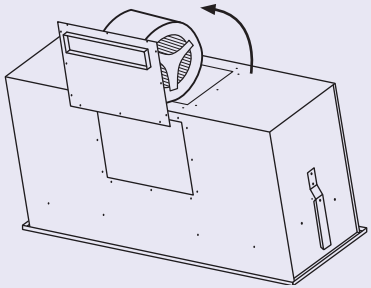
STEP 3

Disconnect the motor from the plug connector pictured.



STEP 4

Carefully lift the outlet panel cover and motor out from the rangehood.

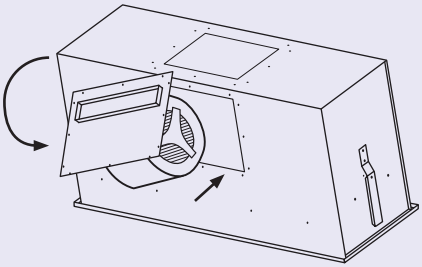


! IMPORTANT

Never attempt to configure by yourself, always refer to a qualified Service Technician.

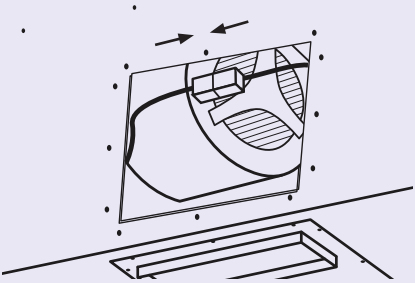
STEP 5

Rotate 180° and carefully insert back into the rangehood via the back opening. Ensure that the motor support is facing upwards as shown. Once in position screw to secure in place.



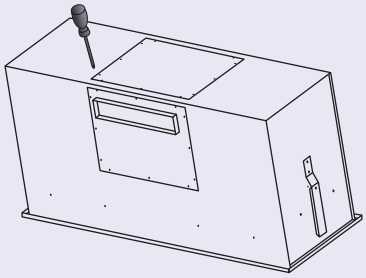
STEP 6

Reconnect the motor to the plug connector pictured.



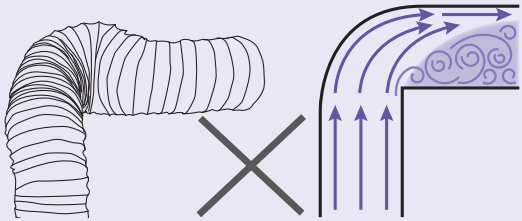
STEP 7

Screw the panel cover to cover the top outlet opening.

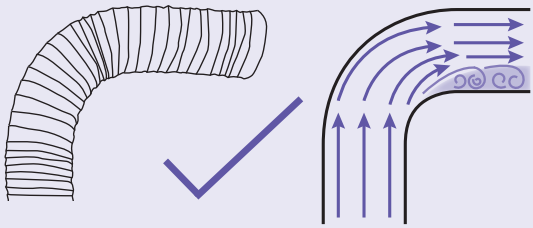


DUCTING

PLEASE DO NOT CRUSH OR KINK THE DUCTING



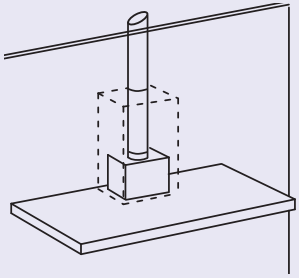
1. Crushed or kinked ducting or ducting with sharp corners create turbulence. This reduces the size and efficiency of the ducting, lowers extraction and can cause excessive noise.



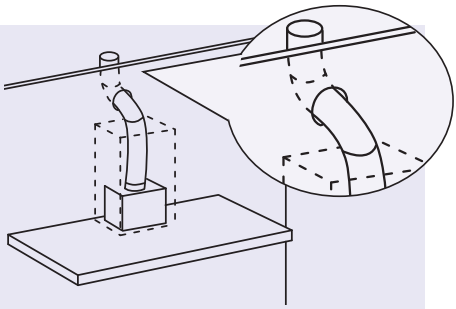
2. Sweeping curves and taut ducting reduces resistance and turbulence. The airflow and extraction will be more efficient and stronger.

DUCTING ADVICE

RECOMMENDED

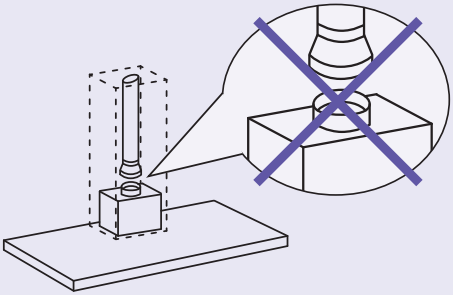


Straight ducting is the most effective installation

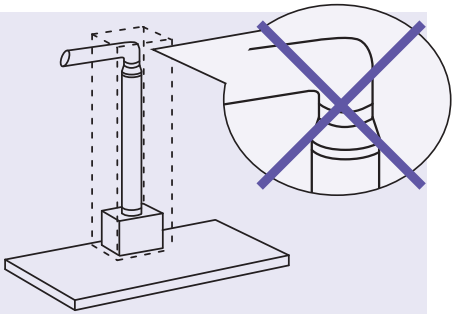


Keep the curves or bends to a minimum. If they do exist, try to keep the angles as open as possible.

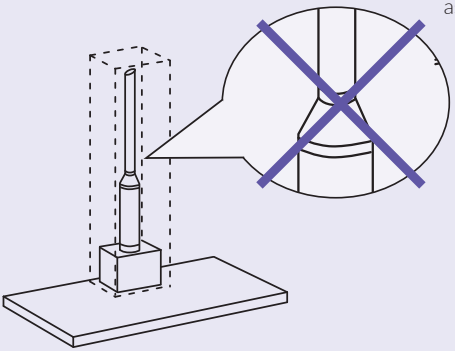
AVOID



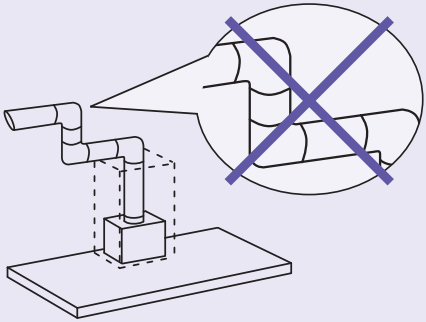
Never reduce flue diameter directly next to the rangehood outlet fitting.



Never fit reductions next to curves or bends. They must always be in straight sections and as far as possible from the rangehood.

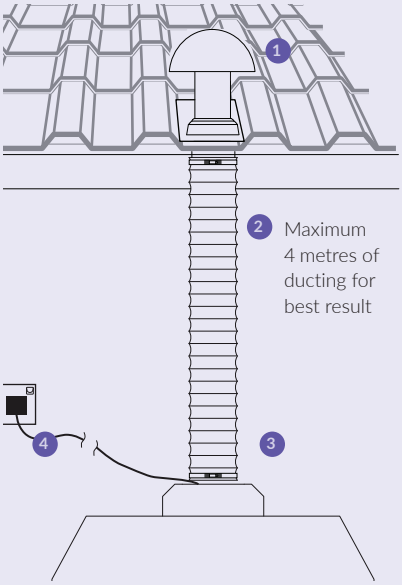


Avoid excessive reduction of the flue size, as this drastically reduces extraction capacity.



You should not have more than two bends in the installation.

ROOF COWLS



1. Roof Cowls (not supplied)*
2. Ducting (not supplied) must be pulled taut. **DO NOT** crush or kink the ducting.
3. Connect ducting (not supplied) to the outlet on rangehood using a ring clamp. Please **DO NOT** rip the ducting.
4. Main Power Lead (plug)

NOTE

* The Rangehood does not include the roof seal kit, ducting, cable ties, ring clamp or the support straps.

The general power outlet for the rangehood should be located in an easy to access area.

COOKING WITH INDUCTION COOKTOPS

Cooking with an induction or similar cooktop, may produce condensation on the rangehood.

Unlike basic electric or gas cooking, induction cooktops heat food and liquid instantly, which in turn, produces vapours rapidly. Because of this rapid process the rangehood filters do not have enough time to warm, which increases the chance of condensation forming.

There are many variables that may contribute to condensation forming, some of which include but are not limited to:

- Variance in climate – geographical location.
- Position of your home & kitchen – morning/ afternoon sun.
- Installation distance from cooktop to the rangehood.
- Speed of food and liquid heating.
- Filter size – larger canopy preferred.
- Quality of pots or cookware you are using – high quality recommended.

HOW TO REDUCE THE POSSIBILITY OF CONDENSATION FORMING:

- Ensure the rangehood is installed by a qualified professional, carefully following the installation guide.
- Turn on the rangehood 5–10 minutes prior to cooking, and leave on for 5–10 minutes after cooking; this helps clear remaining vapours from the flue.
- Start the cooking process at a low-to-medium setting and allow time for the rangehood to warm up.
- Clean filters regularly.
- Ensure constant airflow in the cooking zone; this helps optimise the rate of extraction.
- Follow all induction cooktop manufacturer advice.

For further advice, tips or information regarding cooking with induction, please contact your induction cooktop manufacturer.

TROUBLESHOOTING

IF THE PRODUCT DOES NOT WORK:

Before you contact the technical service department, make sure the product is plugged in, and electric wiring is connected. Weak air suction may be caused by back draft fins remaining closed. Do not take any action that will damage the product.

The below table lists a number of commonly reported faults and their causes. Please check the list below before lodging a service request.

	Check electric connection. Voltage of the electric network should be between 220–240V, rangehood should be connected to grounded plug and turned on.	Check motor switch. Please ensure that there is power to the rangehood and the rangehood is switched on.	Check light switch. Light switch should be at the on position.	Check filter. Filter should be washed regularly, see filter cleaning.	Check lights. LED should be firm.	Check outlet. Outlet should be open.	Check LED. Make sure they are not broken or faulty.	Please make sure there is no obstruction in ducting or back draft fins.
Rangehood does not work	X	X						
Light does not work	X		X		X		X	
Rangehood air suction is weak				X		X		
Rangehood does not direct air out (through chimney)				X				X

SERVICE

LODGING AN ONLINE SERVICE REQUEST

In the event that the failure is not due to the faults mentioned in the Troubleshooting section, you can lodge an online Service Request.

To lodge an online Service Request, visit our website **www.schweigen.com.au/service-and-warranty** and click on the link and complete the service request form.

Alternatively, you can call Customer Service:
Australia 1300 881 693
New Zealand 0800 200 510

A service request will require the following information:

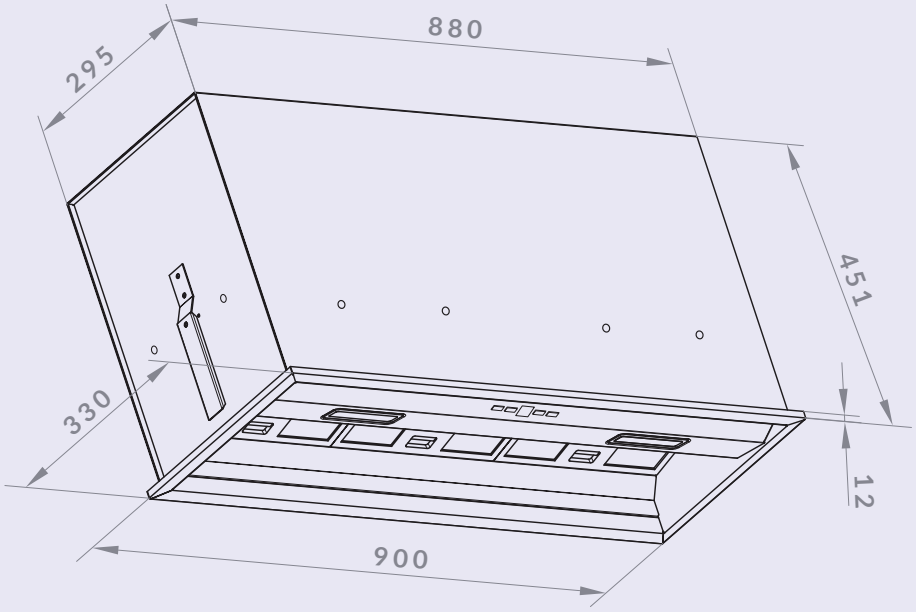
- The purchase date
- The rangehood model
- The serial number or batch number (this number is on a sticker inside the rangehood).
- A copy of the purchase receipt (without a receipt your service request cannot be processed).

FAULTY INSTALLATION

It is not the responsibility of Schweigen to rectify any incorrect installations. A service call out fee will be charged for any Schweigen technician that attends a call, where it is found that the fault is due to an incorrect installation or non-manufacturing fault. Should the appliance be installed in such a way that the service agent is unable to gain access to the appliance, the person/s who own the premises or the property where the appliance resides, will be responsible to provide access to the appliance at their expense.

Specifications

DIMENSIONS



TECHNICAL SPECIFICATIONS

Model	MSQX90
Feeding Voltage	220–240V/50Hz
Lamp Power — LED (W)	2 x 2W
Weight	24kg
Motor Voltage	240V/50Hz
Motor Power	265W 1.1A
Motor Speed	1750 r/min

LED LIGHT SPECIFICATIONS

Description	LED linear light (Q type LED light strip)
Rated wattage of the intended lamp	2W
Max wattage of a potential replacement lamp	2W
Nominal dimensions	120mm (L) x 33mm (W) (Q type)
ILCOS Code	DSL-2-S-120/33
Rated voltage	12V DC

DISCLAIMER

Under our policy of continuous product development, product specifications may change without notice. Prospective purchasers should check with the retailer to ensure this publication correctly describes the products being offered for sale.

All information supplied is to be used for general reference purposes only and is on the understanding that Schweigen will not be liable for any loss, liability or damage of whatever kind arising as a result of any reliance upon such information. All pictures used in the guide are for illustrative purposes only.

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DISPOSAL OF OLD APPLIANCES

Electronic waste (or e-waste) including kitchen appliances are banned from direct disposal to landfill. E-waste contains hazardous materials, which can harm the environment and human health. Valuable materials contained in e-waste are lost when appliances, computers and other household electrical goods are sent to landfill.

Recycle your e-waste to:

- reduce landfill
- protect the air and waterways from harmful materials
- minimise consumption of raw materials to produce electronic products
- reduce greenhouse gases created in the production of new materials.

Kitchen appliances including Rangehoods and Ovens can only be disposed at approved recycling centres. Visit **www.recyclingnearyou.com.au/whitegoods** for more information, or contact your local council or the store you purchased this appliance, for a list of approved recyclers.

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Revision 5 30/11/2023