

RANGEHOOD & INSTALLATION GUIDE

HN-20C

Revision V2

schweigen

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Thank you for purchasing your new Schweigen rangehood.

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

The 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 professional rangehood.

We trust that you will enjoy your new Schweigen 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 this effort to protect the environment by using the appliance efficiently and dispose of the packaging in a responsible manner.



Warning

Please read this section thoroughly before attempting to operate the appliance. Inspect your product upon receipt. Any damages or defects **MUST** be reported within **48** hours of receiving the rangehood, or no claim will be recognised.

DO NOT INSTALL THIS APPLIANCE IF IT IS FOUND TO BE DAMAGED.

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

Safety Advice

1. **There shall be adequate ventilation in the room when the rangehood is used at the same time as appliances burning gas or other fuels.**
2. There is a fire risk if cleaning is not carried out in conjunction with the instructions.
3. Do not flambé under the rangehood. This will damage the rangehood and will not be covered by warranty.
4. Do not ignite burners that give off intense, uncontrolled flames beneath the rangehood.
5. Flames beneath the pan must be contained at all times and cannot exceed the width of the pan in use.
6. Do not leave any packaging material (bags, corner brackets etc.) within reach of children.
7. 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 is given supervision or instruction concerning the safe usage of the appliance by person/s responsible for their safety. Children must be supervised to ensure that they do not play with the appliance, it is not a toy.
8. The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).
9. Accessible parts may become hot when used with cooking appliances.
10. Before performing any cleaning or maintenance operation, disconnect the rangehood from the mains using the respective mains or isolation switch or by unplugging it.
11. Do not use the rangehood without the grease filters.
12. Keep the grease filters clean and respect the recommended cleaning frequencies.
13. The rangehood motor must be switched on before commencing cooking.
14. Turn the rangehood motor off about 10-15 minutes after you finish cooking.
15. It is forbidden to use the rangehood as an aspirator.
16. Never cook foodstuff directly over the flame or have the gas burners on under the rangehood without using cookware.

17. To be installed in an undercover alfresco area and/or indoor kitchen only.
18. If the unit is not adequately covered or sheltered from the outside elements the warranty will be null and void.

Before Installation

1. We recommend this appliance be installed or repaired by a qualified Schweigen Home Appliances technician.
2. Please see our website **www.schweigen.com.au** for a list of our recommended installers.
3. It is dangerous to modify any part of this appliance. Modification of any kind, will immediately void the warranty.
4. The manufacturer declines all responsibility in case of failure to adopt proper safety measures.
5. **Ensure that the location in which this appliance is installed, has good and permanent ventilation.**
6. Please consult local laws and regulations and install in accordance.
7. Please use an earthed electrical connector that coincides with relevant local laws and regulations.
8. Check that the power voltage in your area corresponds to the appliance voltage indicated on the rating label.
9. This appliance must be connected to an electrical supply that has a **grounded connection**.
10. Check that the installation and electrical connections are carried out by a qualified technician and that the indicated instructions and local regulations in force are met, using materials that are compliant with the applicable legislation.
11. The company will not be responsible for installations executed by non-qualified staff and installations that fail to heed the applicable legislation on electrical safety (with regard to both modes and materials).
12. The electrical technical data can be found inside the rangehood, after removing the grease filters.
13. The flexible power cable supplied is already connected internally and emerges from the rangehood near the air outlet tube.
14. **Before installing the electrical connections, you should:**
 - 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;
 - Always switch off the current using the double-pole switch before maintenance and turn the power on again for normal use only when the operation has been completed.

Product Use

This product is designed for household use and should not be used for commercial applications.

After use, always ensure that all controls are in the "OFF" position.

When frying with a gas flame, take particular care not to allow the oil or grease in the pan to catch fire (Flambé).

Maintenance and Service

The rangehood surface should be cleaned with soft cloth and non-corrosive detergent. **Do not leave the rangehood wet** after cleaning or used, please keep rangehood dry.

IMPORTANT: Never attempt to repair this appliance by yourself. Always refer to a qualified Service Technician.

Always switch off the electricity and unplug the connection before conducting maintenance or cleaning.

Cleaning the Baffle Filters

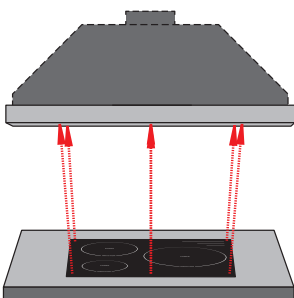
- The baffle filters and grease trap can be removed by sliding them from their mounted position within the hood and washed in the dishwasher or by hand.
- Use hot water and liquid detergent.
- After cleaning, leave the filters and trap to **dry completely before placing back to the rangehood.**

Electrical Cord

Ensure the supply cord is not exposed to heat, chemicals or sharp objects. If the supply cord is damaged, it must be replaced by the manufacturer, service agent or a similarly qualified person in order to avoid a hazard.

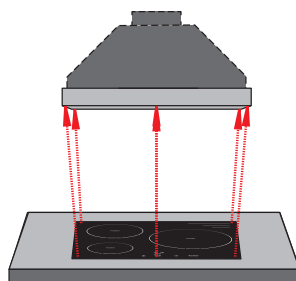
For Installers and Users

1. In addition to the size, the height of the rangehood above the cooktop is important to obtain the best performance.
2. For recommended height, please refer to Mounting Laws and Regulations.



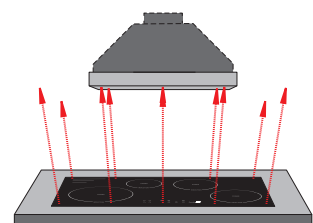
OPTIMAL

Rangehood bigger than the cooking area.



ADEQUATE

Rangehood equal to the cooking area.

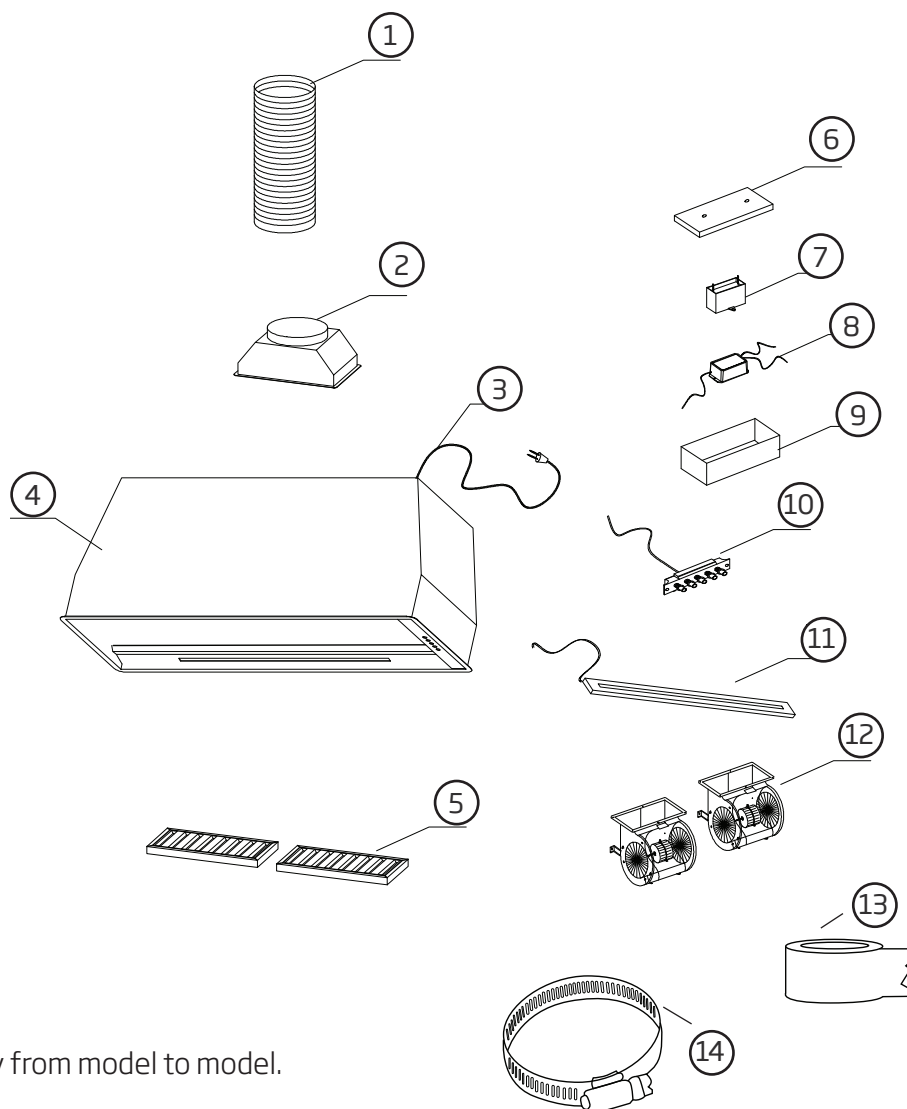


INADEQUATE

Rangehood smaller than the cooking area.

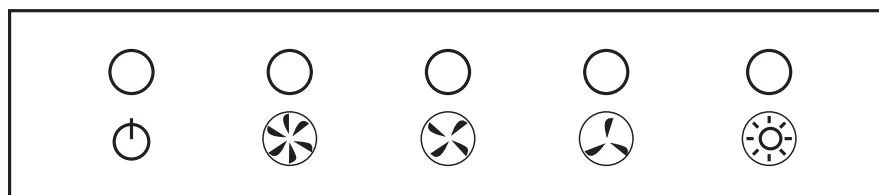
Main Rangehood

- ① Ducting 200mm x 2m
- ② Outlet (200mm)
- ③ Power Cord
- ④ Body
- ⑤ Filter
- ⑥ Electric Box Cover
- ⑦ Capacity
- ⑧ Transformer
- ⑨ Electric Box
- ⑩ Switch
- ⑪ LED Strip (HN-20C only)
- ⑫ Motor
- ⑬ Silver Tape
- ⑭ Ring Clamp 200mm



NOTE: Filter and light quantity may vary from model to model.

Push Button Control Panel



- ⏻ Turn on/off the rangehood
- ⚙ High speed setting
- ⚙ Medium speed setting
- ⚙ Low speed setting
- 💡 Turn on/off the lamp

Mounting Laws and Regulations



Danger

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

- The location of rangehood installation must have permanent openings for ventilation.
- Regulations concerning the expelling of air must be fulfilled.
- It is **STRONGLY RECOMMENDED** that the rangehood be installed centrally over the cooktop, this will greatly improve its performance.

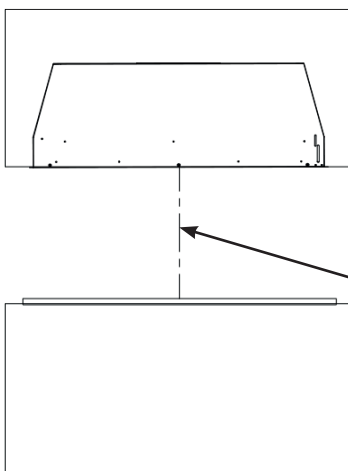
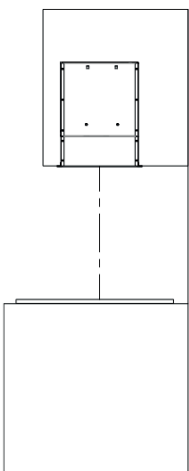
Minimum and **maximum** heights (cooktop-to-canopy) are **legally** required, and recommended for optimum rangehood performance in an indoor kitchen

Type of Cooktop	Min. Height	Max. Height for 900mm	Max. Height for 600mm
Electric	650mm	750 to 800mm	700 to 750mm
Gas	650mm	750 to 800mm	700 to 750mm

INSTALLATION HEIGHT FOR INDUCTION COOKTOP*

Type of Cooktop	Min. Height*	Max. Height for 900mm	Max. Height for 600mm
Induction	700mm	800mm	750mm

* Schweigen's recommended height will help avoid condensation, particular to cooking with an Induction Cooktop. Refer to additional notes on pg 23.



***IMPORTANT: Please check all State and Federal Laws in relation to the minimum and maximum height, and the regulations concerning the expelling of air and install your rangehood in accordance with local laws and regulations.**

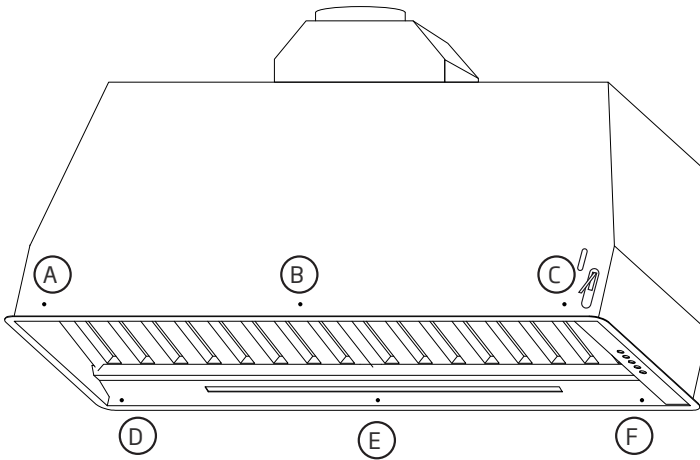
Measurements are from the top of the trivets to the lowest part of the rangehood, including the button controls.

Installation

Every wall mounted rangehood has two primary mounting points and several secondary mounting points to firmly fix the rangehood in its place.

Please ensure that the holes for the two primary mounting points are level before installation.

Mounting Points



*Please refer to Specifications for mounting points measurements.

Step 1

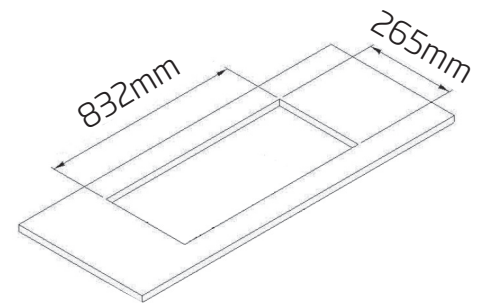
Before installing the undermount, make sure that none of the parts are damaged in anyway. In case of damaged parts, contact your retailer and do not proceed with installation.

Read all the following instructions with care before installing the undermount.

- Use an air outlet pipe/duct of the shortest possible length.
- Limit the number of pipe bends.
- Use a material approved by standards and regulations.
- Avoid any sudden changes in pipe section (recommended constant diameter: \varnothing 200mm or equal).

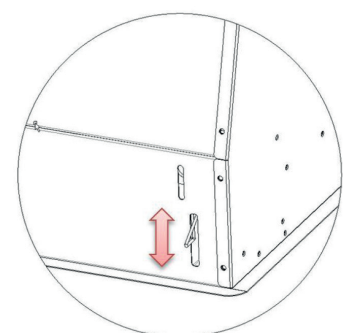
Before carrying out installation, please remove the grease filter in order to avoid possible damages to the undermount.

Cut a hole in the surface where the undermount should be installed (265 x 832mm approx.).



Step 2

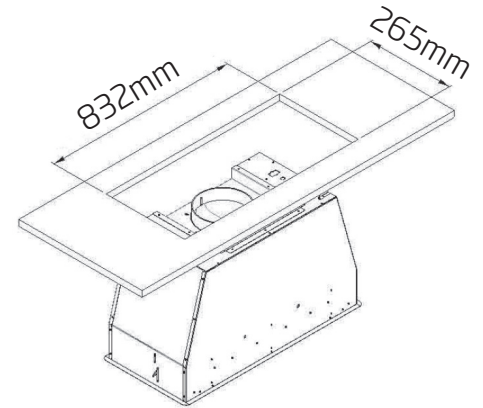
Spring loaded clip is to help support the rangehood during installation, adjust clip to the right level before inserting rangehood.



4. Installation

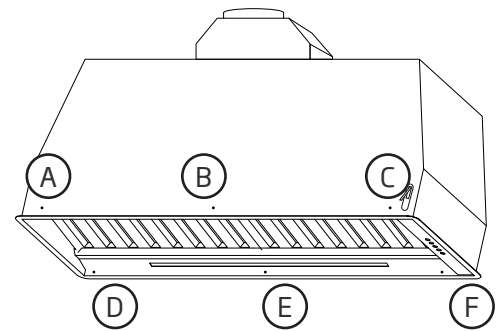
Step 3

Insert the undermount, making sure the push button panel is placed on the right, when looking at the product from the front of the cooktop.



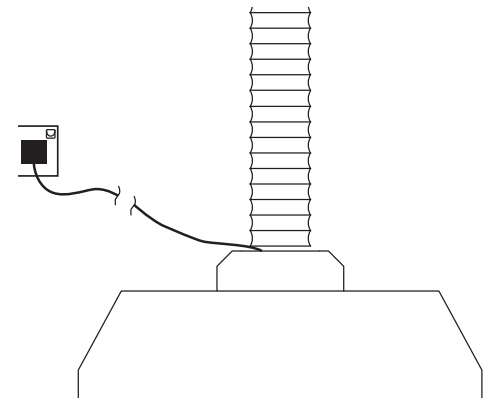
Step 4

Fix unit by using the appropriate screws and tighten them, see points A to F.

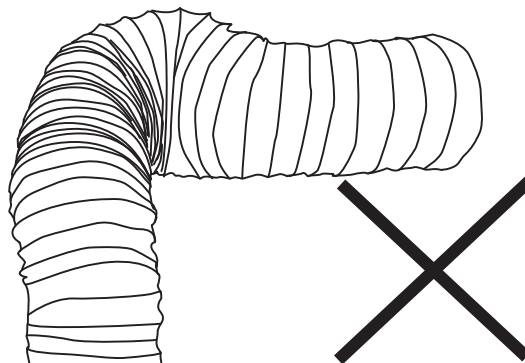
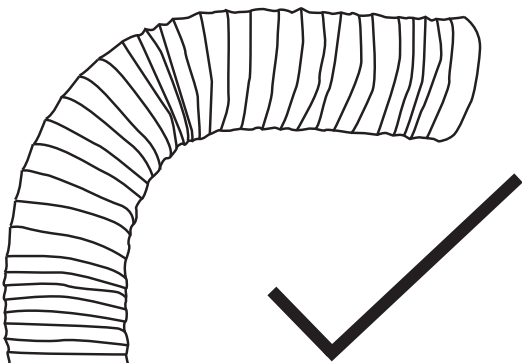


Step 5

Make the electric connection and connect the air outlet flange to a suitable exhausting pipe/duct.



Ducting Installation



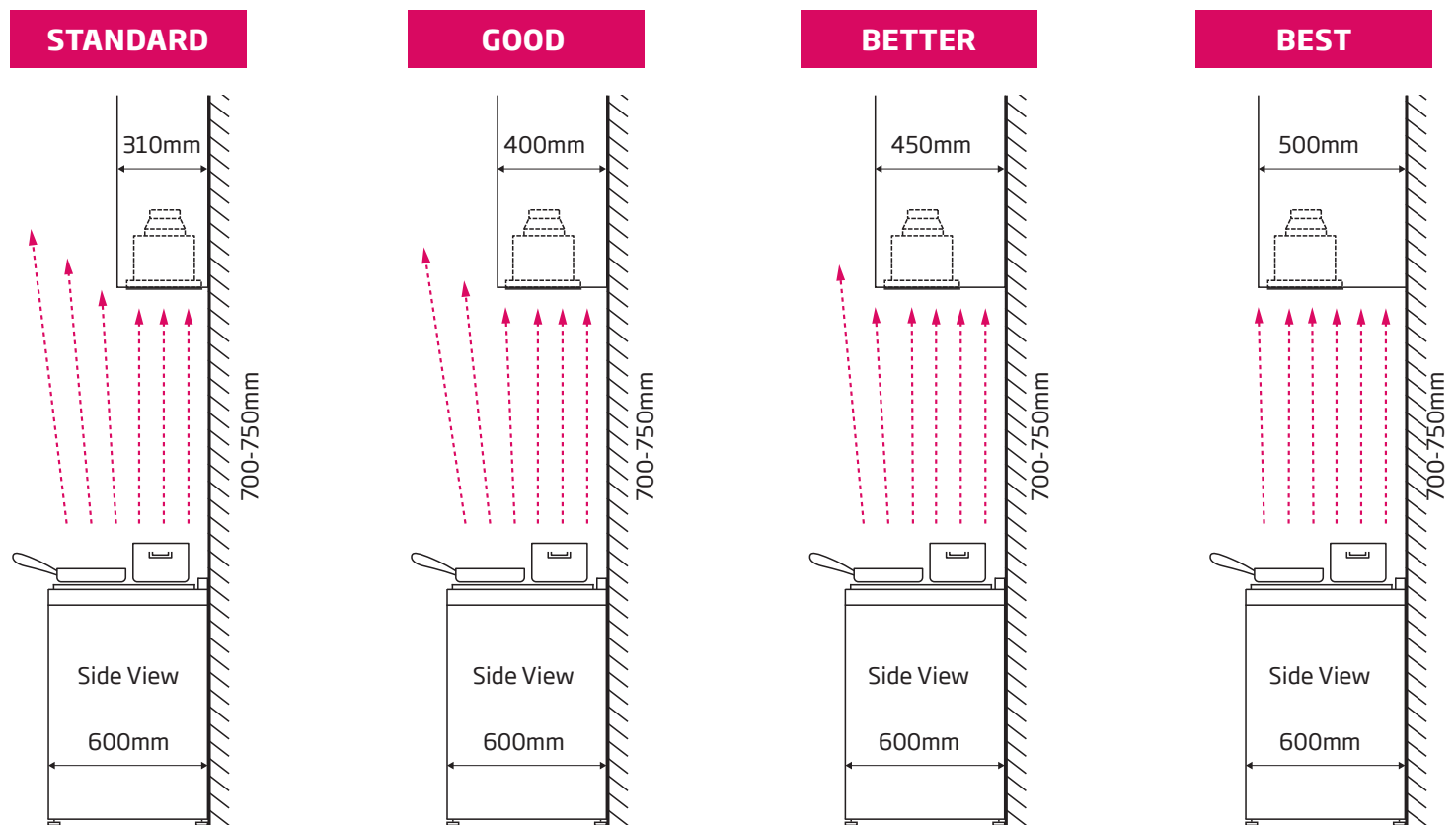
For internal motor units, please install flexible ducting with the least amount of bends possible, maximum length of flexible ducting should be no longer than 4 meters approximately. Do not apply bends at motor outlet as it will restrict airflow.

Overhead cabinet Rangehood Installation position

It is important to consider the benchtop and overhead cabinetry depth before installing the rangehood.

The information below is to be used as a guide only, drawings are not to scale and do not account for all circumstances.

The cooktop is centrally installed in the benchtop in the diagrams below.



Pictures are for illustrative purposes only, not to scale.

When the overhead cabinetry is constructed and installed deeper than standard, ensure the rangehood is installed as close to the front as possible. This will increase the rangehood extraction results as there is a greater coverage of the cooktop surface area.

Example Installation

Figure 1

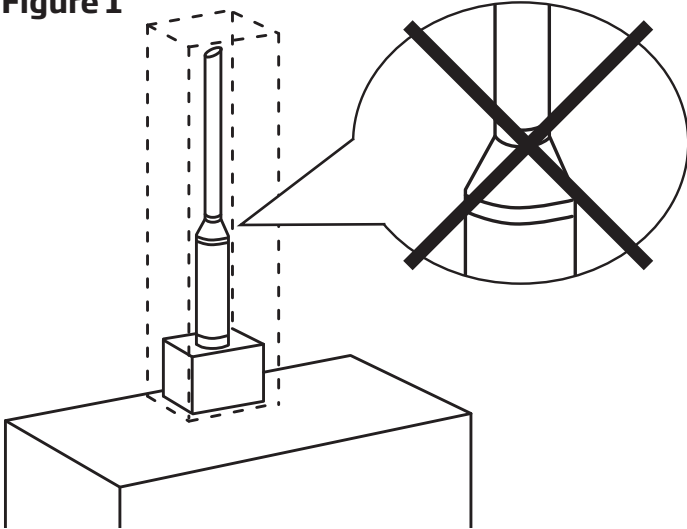
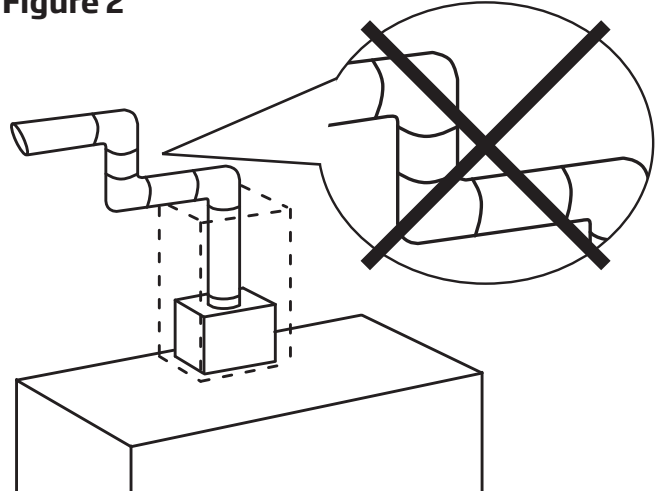


Figure 2



Do not down size the ducting*

Figure 3

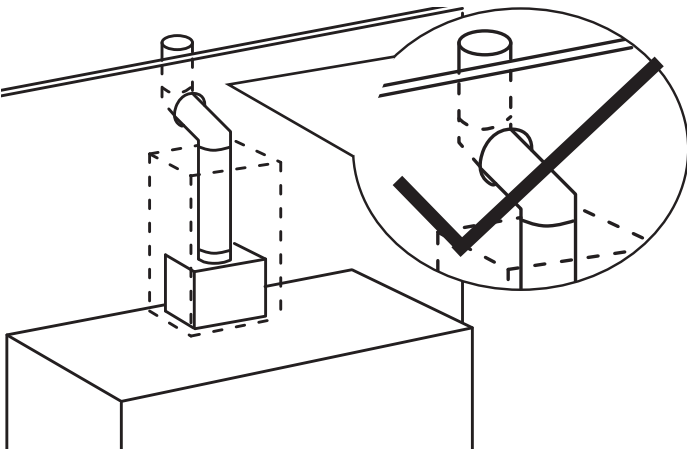
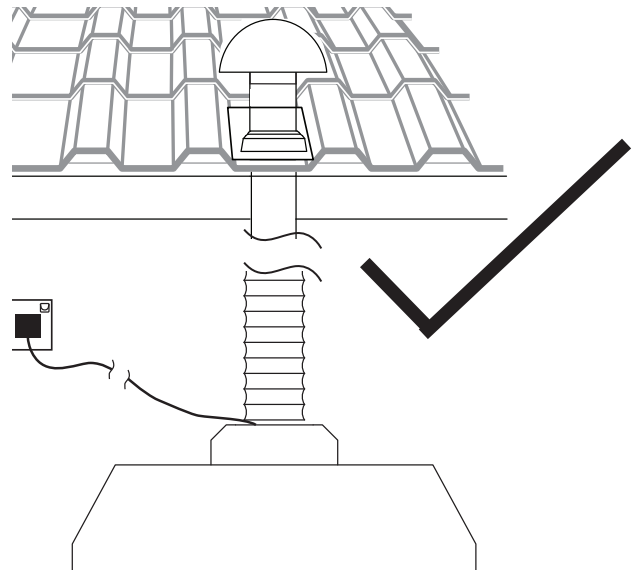


Figure 4

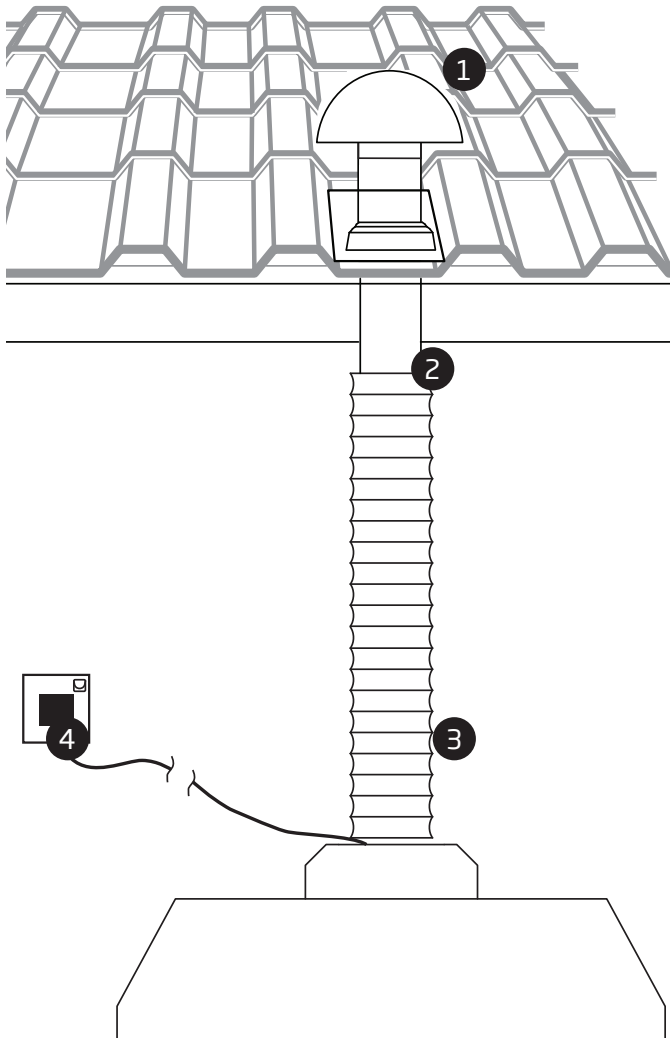


Roof Cowls / Roof Seal Kit



WARNING

All electrical wiring should be kept inside the roof space.



- ① Roof Cowls*
- ② Flexi Ducting must be pulled taut. **DO NOT** crush or kink the ducting.
- ③ Connect flexi ducting to the outlet on rangehood using duct tape or cable tie. Please **DO NOT** rip the ducting.
- ④ Main Power Lead (Male Plug)

***NOTE:** Motor system does not include the roof seal kit/roof cowls, cable tie, duct tape or the support straps.

For best result, please install ducting in a straight line and duct length no longer than 4 metres.

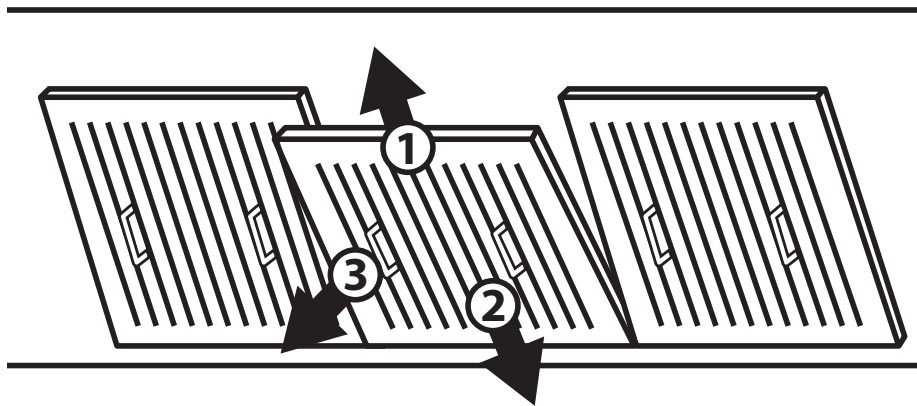
Filters

- For this appliance to function effectively, regular maintenance is a must.
- The function of the filter is to absorb the grease particles emitted during cooking.
- Blocked filters and heavy oil deposits restrict airflow 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.
- Disconnect the electrical connection before any maintenance or cleaning processes are carried out.
- To remove the filter, grab the handles pull forward the filter, lift it up slightly and push back. Then pull down gently to release it. To replace, perform the same operation but in reverse.
- In ceiling-mounted rangehoods, the doors or glass must be opened before accessing the filters.
- For an induction cooktop, please aim to clean them at least every 10 days, depending on use.
- The filters 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 temperature.

NOTE: The colour of the metal mesh filters may change after several washes. This is normal and it is not necessary to change the filters. Please make sure the filters are dry before placing them back in position.



Replacing the Light Bulb

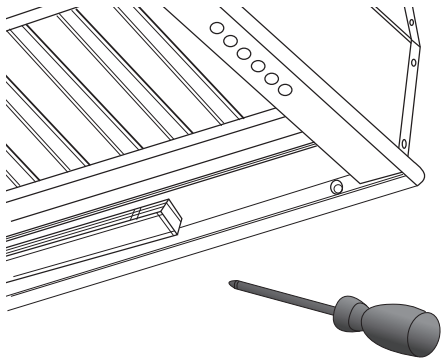


DANGER

Always switch off and disconnect the power cord before replacing any light bulbs. Failure to do so may cause serious injury. Please be aware that the light bulb will retain heat for a short period of time after being switched off.

Step 1

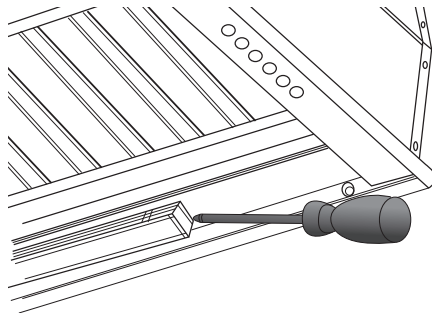
Before replacing the LED lights, please switch off the unit.



Step 2

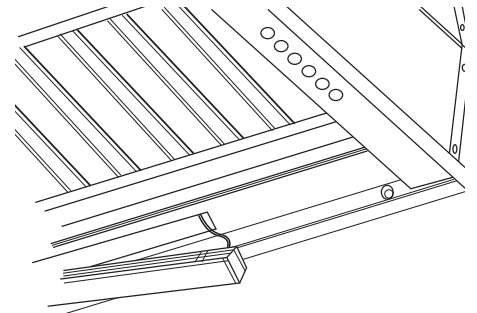
Using the appropriate tools remove the LED light strip from its slot.

Note: Please take extra care, and make sure you do not damage the rangehood.



Step 3

Take out the LED light strip from its connector and replace. When reinserting the LED strip gently clip it back in place.



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 faster 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
- Distance from cooktop to the rangehood
- Speed of food & liquid heating
- Angle of ducting – Schweigen 'S' bend preferred
- 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 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 become warm.
- 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 the induction cooktop manufacturer.

Calling the Technical Assistance Service Hotline

In the event that the failure is not due to the faults mentioned in Trouble Shooting, contact Customer Service.

In Australia, Customer Service 1300 829 066

In New Zealand, Customer Service 0800 200 510

Lodging an online Service Request

In the event that failure is not due the reason/s in the trouble shooting section, you can lodge an online Service Request.

To lodge a Service Request, visit our website www.schweigen.com.au/pages/support/service-warranty and click on the link to download the service request form.

A service request will require the following information:

- The purchase date
- The rangehood model and motor type
- The rangehood 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 Home Appliances to rectify any incorrect installations. A service call out fee will be charged for any Schweigen technician that attends a call, whereby it is established 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 where the appliance resides – will be responsible to provide access to the appliance at their expense.

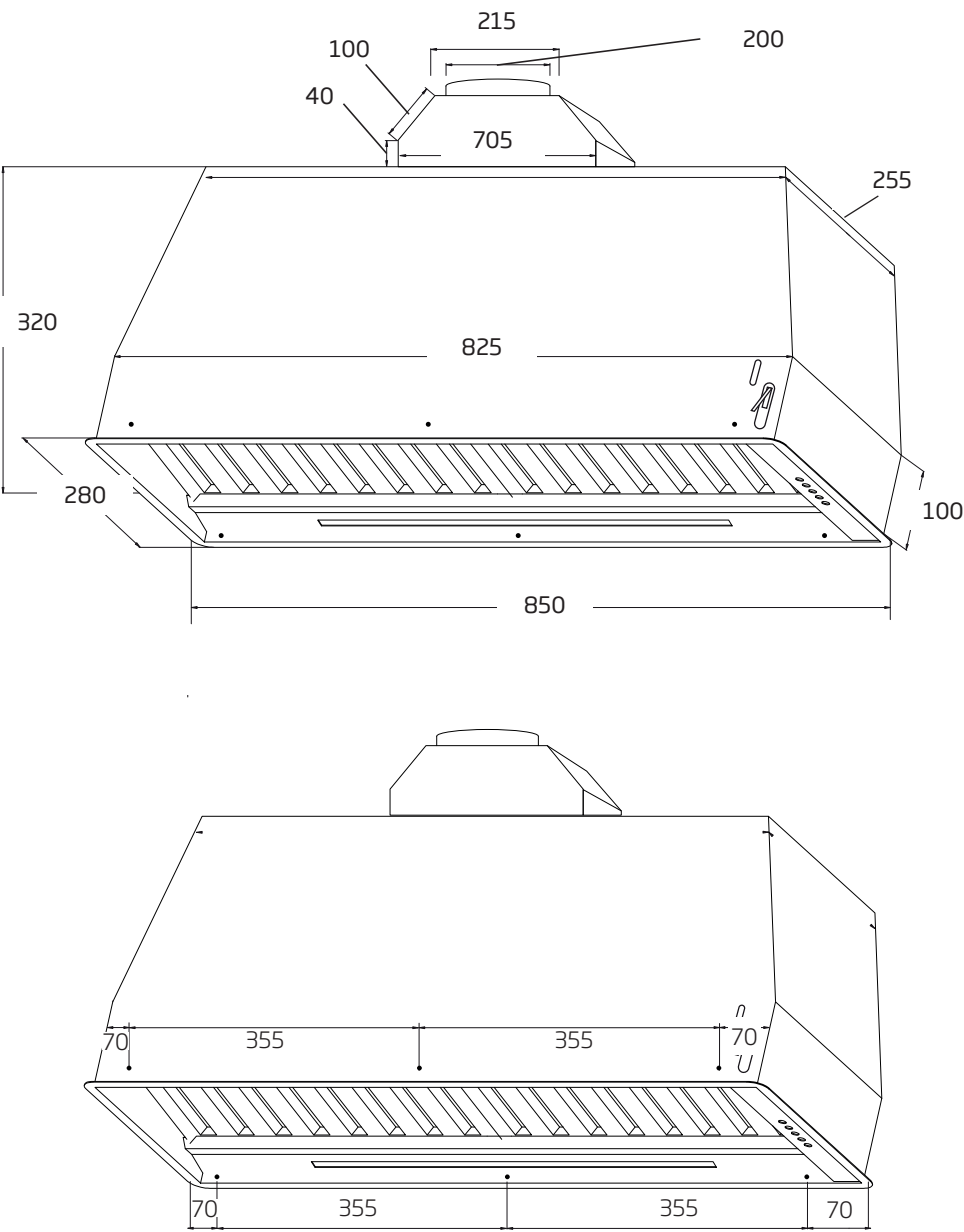
Troubleshooting

If the product does not work:

Before you contact the technical service department, make sure that the product is plugged in, the electric fuse (on selected models) is in correctly and electric wiring is connected. (Fuses can be purchased from your local electrical dealer or hardware store). Weak air suction may be caused by back draft fins remaining closed. Do not take any action that will damage the product.

	Check electric connection. Voltage of the electric network should be between 220 - 240V, rangehood should be connected to grounded plug.	Check motor switch. Please ensure that there is power to the rangehood and the rangehood is switched on.	Check lamp switch. Lamp switch should be at on position.	Check metal filter. Metal filter should be washed once a month at normal operating conditions.	Check lamps. Lamps should be firm.	Check outlet. Outlet should be open.	Check lamps and fuse. Make sure they are not broken or faulty.	Please make sure there is no obstruction in ducting.
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

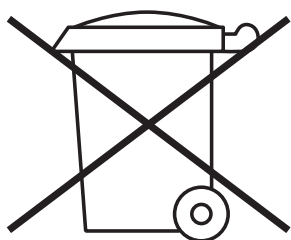
6. Specifications



Technical Specifications

Model	HN-20C
Feeding Voltage	220-240V 50Hz
Lamp Power	1 LED Strip x 10.5W
Weight	20kg

Under our policy of continuous product development, product specifications may change without notice. Prospective purchasers should therefore 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 Home Appliances 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.



The symbol on the product or its packaging indicates that it cannot be treated as normal household waste. Take this product to your nearest electrical and electronic equipment waste point for recycling. By correctly disposing of this product, you will be helping to prevent potentially negative consequences for the environment and public health, which could arise if this product is not handled in the appropriate way. For more details about the recycling of this product please contact the authorities of your city or town, your local household waste service or the store where you purchased the product.

schweigen

Australia 8/3-4 Anzed Court, Mulgrave 3170 Victoria. **Phone** 1300 881 693

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