

St George

Rangehoods

Installation

Operation & Maintenance

Models: 6575100, 6578500



Model: 6575100



Model: 6578500

Safety Precautions

This rangehood has been designed to be ceiling-mounted above a cooking hob. It can work either by ducting system (discharging exhaust to the outside air) or by Recirculation (where exhaust vapours are returned to the kitchen). Before starting the installation, consideration should be given to how the installation is to be carried out, ensuring

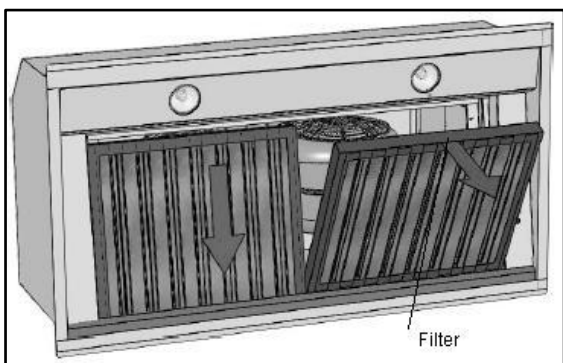
- Adequate space and clearances above the cooktop.
- Position of flueing.
- Availability of earthed power.
- The mechanical strength of supporting structures.

The installation work must be undertaken by a qualified and competent person in conformity to the rules concerning the evacuation of contaminated air. The manufacturer does not accept any liability for any damage or injury caused by improper installation. Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels. This does not apply to rangehoods installed to only discharge the air back into the room. Before connecting to the mains supply ensure that the mains voltage corresponds with the voltage on the rangehood's rating plate. For cooker hoods featuring an earth wire, make sure the electric plant of your house is correctly earthed. When installed, the hood must be positioned at least 65cm above the hotplate.

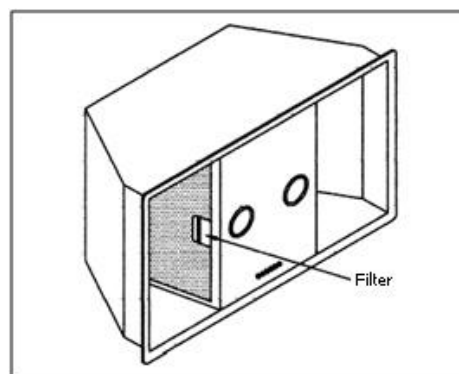
- Never leave frying pans unattended during use as overheated fat and oil may catch fire.
- Before carrying out any kind of maintenance or cleaning, disconnect the hood from the mains supply.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.
- There shall be adequate ventilation of the room when the rangehood is used at the same time as appliances burning gas or other fuels. (this does not apply to rangehoods constructed to only discharge the air back into the room)
- The appliance is fitted with removable filters. Ensure the filters are removed and thoroughly cleaned at least once every two months in accordance with these instructions.
- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Do not flambé under the rangehood.
- Local regulations concerning the discharge of air must be fulfilled.
- When using a gas cooktop never leave the burners uncovered while the hood is in use.
- Switch off the gas before removing the pan. This not only saves energy but avoids a potentially dangerous concentration of heat.
- Always ensure the rangehood is kept at the correct fan speed to prevent flames licking around the bottom of the pan.

Installation

Before installing the appliance, in order not to damage the appliance itself, the metal grease filter should be removed. The filter can be removed by pushing the special filter handle toward the back side of the cooker hood and turning it downwards so as to unfasten it from its slot.



Model: 6578500 – Grease Filter



Model: 6575100 – Grease Filter

Mounting the Rangehood

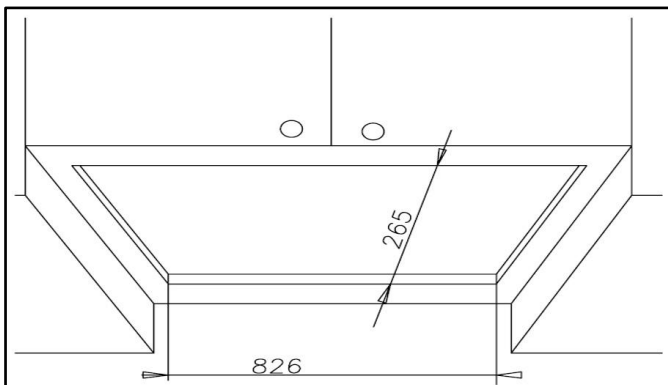
Prepare the Cabinet

Using the diagram and dimensions shown here, proceed to make a cut-out on the bottom of the cabinet in order to hold the appliance in place.

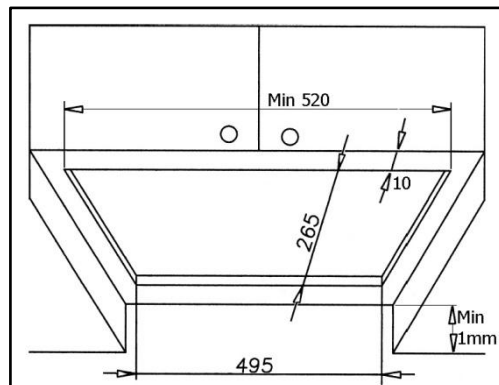
Prepare a power supply within the enclosure.

If the appliance is going to be used to recirculate the air, an aperture will need to be made at top of the enclosure so that the air that is received can also be expelled.

If the appliance is going to be used to duct out the air, a hole will need to be made in the location that the ducting pipe is intended to run through.



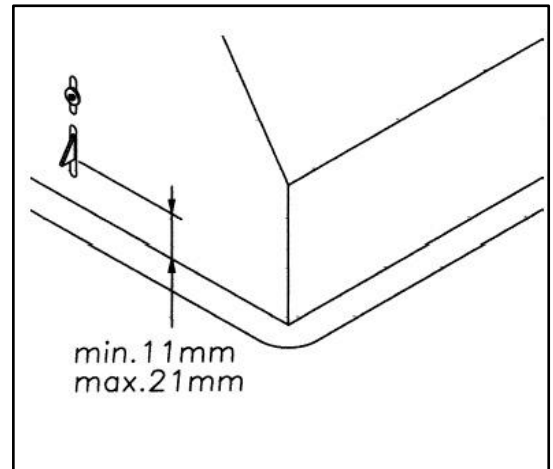
Model: 6578500 - Cut out



Model: 6575100 – Cut out

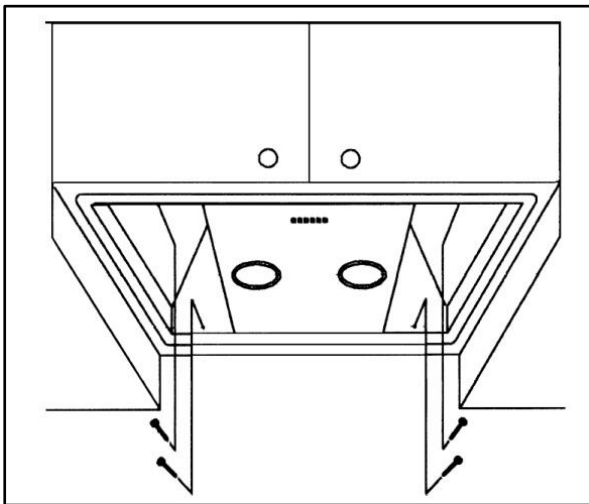
Insert the Rangehood

The Rangehood comes equipped with a set of spring mounted stoppers on its sides. These stoppers can have their depth adjusted, and should be set so that when the Rangehood is pushed into place, the stoppers spring into the top side of the cabinet board, firmly holding the appliance in. A clicking sound will be heard when done correctly.

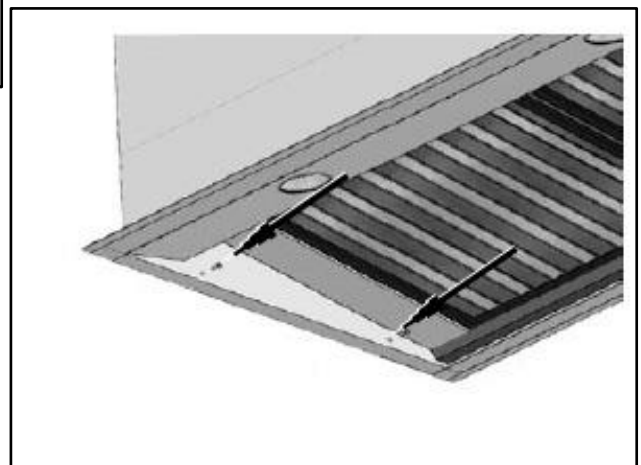


Insert the Screws

Once the Rangehood is holding itself in place, insert the four fixing screws to finally lock to appliance in. At this stage, all fine adjustments should be made to be sure the Rangehood will sit where it is intended to.



Model: 6575100 – Fixing Screws



Model: 6578500 – Fixing Screws

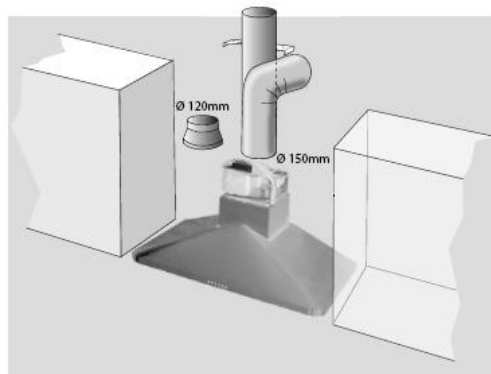
Ducted Installation

St George always recommends installing the Rangehood in a fully ducted configuration.



Carbon filters are not needed for ducted installations.

Cut a hole of the appropriate diameter in the ceiling or wall. Connect the air outlet of the Rangehood to the outside air outlet using flexible or rigid ducting and suitable hose pipes (not provided). 150mm diameter piping can be connected directly; 120mm diameter piping can be connected using the adaptor provided. Minimise the number of bends and elbows to maximise the efficiency of the appliance.



Warning: Before connecting the flexible exhausting pipe to the Rangehood, make sure the stop valve, which is on the air outlet of the motor, can swing freely.

Recirculating Installation

Where it is not possible to duct the exhaust fumes to the outside air, the unit can be installed to redirect the filtered vapours back into the kitchen. For this purpose you will need a recirculation adaptor kit containing a diverter and necessary fasteners. A length of rigid ducting may be required here.

150mm diameter piping can be connected directly; 120mm diameter piping can be connected using the adaptor provided.

St George recommends using activated carbon filters for all recirculated rangehood installations.

Electrical connection

The hood is equipped with a plug. This can be connected to a nearby power socket. The power socket must be adequately earthed.

All electrical work **must** be done by a licensed electrician.

Finishing Off

Replace Grease Filters

You will need to ensure the filters are properly in place before finalising and testing installation.

Carbon Filters

This section relates to rangehoods installed for recirculation only. St George have activated charcoal filters available to further clean the cooking vapours before being recirculated back into the kitchen. If these are required by the consumer, you can order them directly from St George. Instructions on fitting the filters are included with the filter packaging.

Before Leaving

Check The Following

- All filters are put back in place.
- The overhead lights work as expected. If not, replace with identical 40W bulbs.
- Check that motor, fan and speed controls all operate correctly. If not, check wiring and installation.
- Check all screws connections are firm and the unit is secured into the wall.

Operation

To Turn on the Light

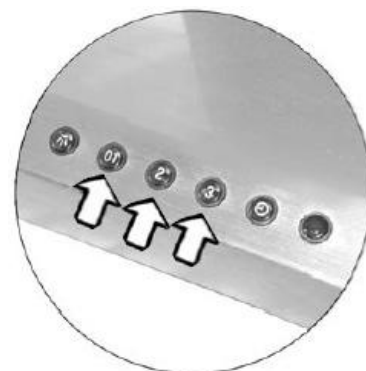
Turn the light on using the button marked with a light symbol.



To Operate the Extraction Fan

Select one of four speeds from the numbered buttons.

- 01** On / Off Setting. This button is combined with the low speed button, and is marked 01
- 2** Low speed, low noise. Use for simmering.
- 3** Medium setting. Use for normal cooking.
- 4** High speed, higher noise. Used for frying, or cooking food with strong odours, or when several hotplates are used simultaneously.

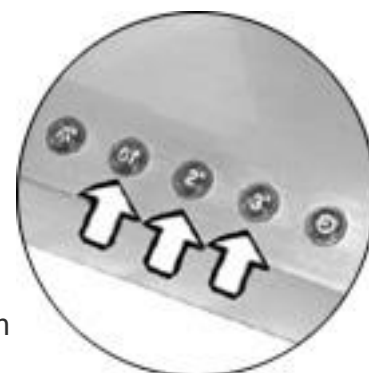


To Operate the Timer

Press the timer button whilst the Rangehood is



Operating to have it automatically switch itself off after 10 minutes. The light in the speed button will flash to indicate the timer has been activated.




Basic Maintenance

Cleaning the Outer Surfaces

Use a damp cloth and mild liquid household cleaner.

Do not use abrasive cleaners or scourers as these will damage the surface. Commercial stainless steel cleaning products are available for more difficult staining.

Cleaning the Metal Filters

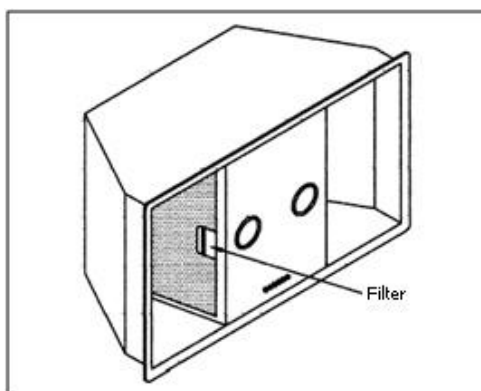
After approximately 30 hours of usage, the push button control panel will signal the saturation of the grease filter. Pressing the timer button  will reset the count. The metal filters in this rangehood are dishwasher safe. You should clean the metal filters at least every two months for normal usage. More frequent cleaning may be necessary for higher levels of usage.

BEFORE YOU START: UNPLUG THE APPLIANCE

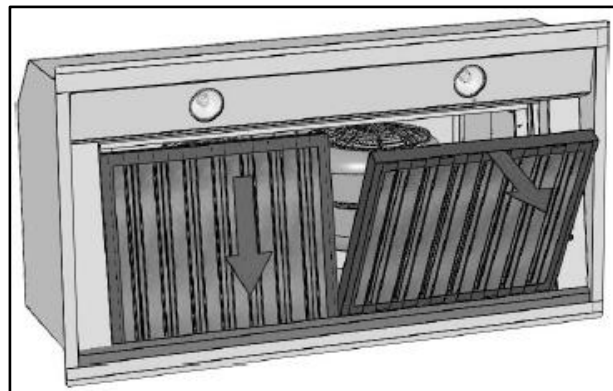
There are two styles of inlet filter on these models. Both are removed by pulling the lever on the edge of the filters and lifting them out of the slots which hold them. Wash the filters in a dishwasher, or by hand using household dishwashing liquid.

Allow filters to dry thoroughly before replacing them.

When replacing, ensure the filters are put back in their correct position, as shown below.



Model: 6575100 – Grease Filter

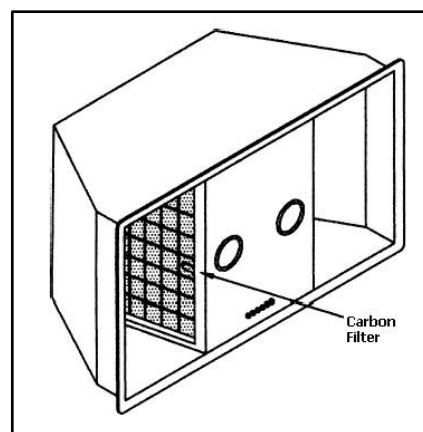
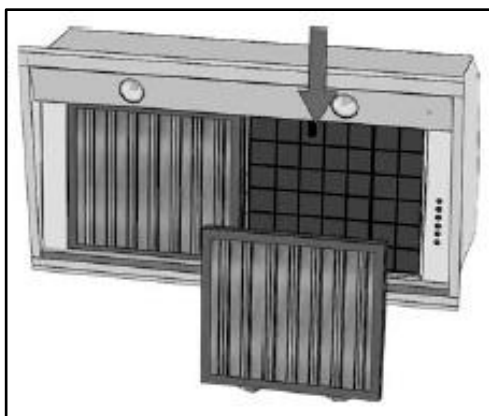


Model: 6578500 – Grease Filter

Replacing the Carbon Filters

If the Rangehood is used in its recirculating configuration, it will be equipped with charcoal filters to further clean cooking oils and odours from the exhaust. These filters need to be replaced approximately every 2 months of normal usage. These filters can be removed by first removing the grease filter, and then by pulling the special plastic tongue until it is unfastened from its slot. Reinserting the filters can be done by operating in the opposite way.

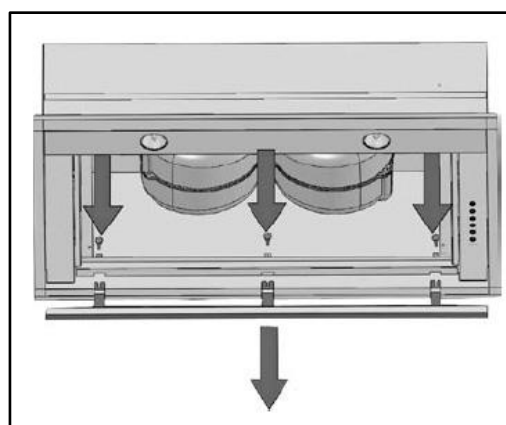
These filters cannot be washed. Once they are spent, they must be replaced. Failure to do so can create a fire hazard in extreme cases. Contact your retailer or St George Appliances directly for replacement filters.



Cleaning the Drip Tray

This stage of cleaning is only applicable to the 6578500 model.

After having removed the grease filters and carbon filters, the drip tray can also be cleaned. The tray should be supported with one hand whilst the other hand loosens the three fasteners. The tray will then slide out from the Rangehood to be emptied. Care should be taken not to spill the contents of the tray in the removal process.



Changing the Light Bulb

BEFORE YOU START: UNPLUG THE APPLIANCE.

There are a number of different models in this range, each requiring a slightly different method of accessing the light bulb. In each case, however, the old bulb must be replaced with an identical 40W bulb.

Some models require that you prise the bulb outwards with a soft sharp object such as a tooth pick. Do not use metal objects as these may cause chipping of the bulb glass.

Replace the bulb by ensuring the two pins locate into the sockets in the rangehood.



Other models have a smooth metal ring holding a glass disk, which covers the bulb. Using a soft sharp object such as a tooth pick, remove the metal ring.

Replace the bulb by ensuring the two pins locate into the sockets in the rangehood.



Replace the glass disk and metal ring by ensuring the three lugs on the ring sit properly into the sockets. Some models have the light bulb held into place by a curved, toothed wire. You will need to find the small gap in the wire, and pull one end of the wire to remove it.

The globe can now be accessed and replaced.

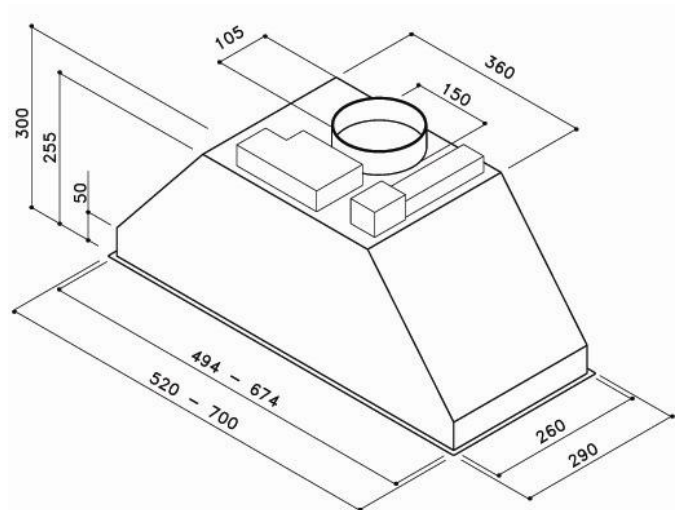


Technical Data

Model 6575100



- Motor: 1000 m³/hour
 - o Aluminium die-cast motor housing
- Power Consumption: 300W
- Pressure: 480 Pa
- Noise Level: 62 dBA
- Lighting: 2 x 20 W Halogen Lamps
- Control Panel: 4 Speed push-button + timer + light switch
- Grease Filter: Anodised Aluminium
- Stainless Steel: AISI 430



Technical Data

Model 6578500



- Motor: 1300 m³/hour
- Power Consumption: 340W
- Pressure: 470 Pa
- Noise Level: 52 dBA
- Lighting: 2 x 20 W Dichroic Lamps
- Control Panel: 4 Speed push-button
+ timer + light switch
- Grease Filter: Stainless Steel
- Stainless Steel: AISI 430

