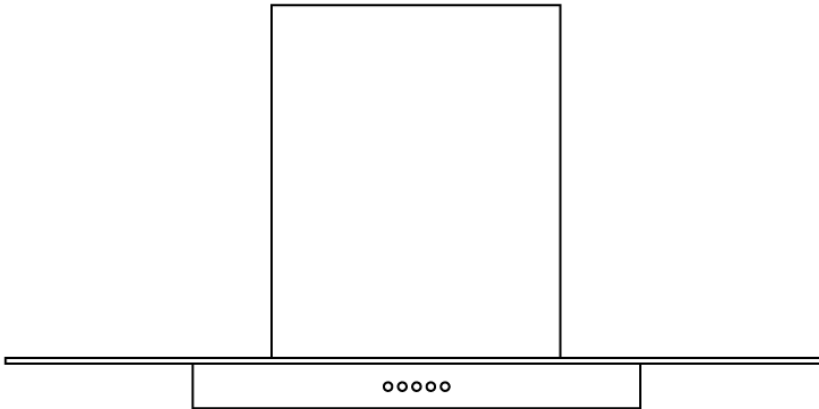




Russell Hobbs

Cooker Hood User Guide



Model number(s):
RHFGCH601 SS/B
RHFGCH901 SS/B

IMPORTANT:
RETAIN FOR FUTURE REFERENCE

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Safety Instructions

Important note:

Please read this booklet before installing and switching on this appliance. The manufacturer assumes no responsibility for incorrect installation and usage as described in this booklet.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

- Children should be supervised to ensure that they do not play with the appliance.
- Children must not clean the appliance or carry out general maintenance unless they are at least 8 years old and are being supervised.
- Keep children below the age of 8 years old at a safe distance from the appliance and power cable.
- If the supply lead is damaged it must be replaced by a qualified person using the correct lead, available from **0345 209 7461**.
- The appliance can only be used safely if it is correctly installed according to the safety instructions. The installer is responsible for ensuring that the appliance works correctly after installation.
- This appliance is intended for domestic use and the household environment only. The appliance is not intended for use outside.
- Do not leave the appliance unattended during operation. The manufacturer is not liable for damage which is caused by improper use or incorrect operation.
- Check the appliance for damage after unpacking it. Do not connect the appliance if it has been damaged in transport.

Safety Instructions

- This appliance is not intended for operation with an external clock timer or a remote control.
- Packaging material is dangerous to children. Never allow children to play with packaging material.
- **Risk of Death** - Always ensure adequate fresh air in the room if the appliance is being operated in extraction-air mode at the same time as room air-dependent heat-producing appliance(s) are being operated.
- Room air-dependent heat-producing appliances (e.g., gas, oil, wood or coal operated heaters, continuous flow heaters or water heaters) obtain combustion air from the room in which they are installed and discharge the exhaust gases into the open air through an exhaust gas system (e.g., a chimney).
- In combination with an activated vapour extractor hood, room air is extracted from the kitchen and neighbouring rooms – a partial vacuum is produced if not enough fresh air is supplied. Toxic gases from the chimney or the extraction shaft are sucked back into the living space.
 - Adequate incoming air must therefore always be ensured.
 - An incoming/exhaust air wall box alone will not ensure compliance with the limit.
- Safe operation is possible only when the partial vacuum in the place where the heat producing appliance is installed does not exceed 4 Pa (0.04 Mbar). This can be achieved when the air needed for combustion is able to enter through openings that cannot be sealed, for example in doors, windows, incoming/exhaust air wall boxes or by other technical means.

Safety Instructions

- In any case, consult your responsible Master Chimney Sweep. They will be able to assess the house's entire ventilation setup and will suggest the suitable ventilation measures to you.
- **Risk of Fire** - Grease deposits in the grease filter may catch fire.
Clean the grease filter at least every 2 months.
- Never operate the appliance without the grease filter.
- Grease deposits in the grease filter may catch fire. Never work with naked flames close to the appliance (e.g., flambéing). Do not install the appliance near a heat producing appliance for solid fuel (e.g., wood or coal) unless a closed, non-removable cover is available. There must be no flying sparks.
- Hot oil and fat can ignite very quickly. Never leave hot fat or oil unattended. Never use water to put out burning oil or fat. Switch off the hotplate. Extinguish flames carefully using a lid, fire blanket or something similar.
- When gas burners are in operation without any cookware placed on them, they can build up a lot of heat. A ventilation appliance installed above the cooker may become damaged or catch fire. Only operate the gas burners with cookware on them.
- Operating several gas burners at the same time gives rise to a great deal of heat. A ventilation appliance installed above the cooker may become damaged or catch fire. Never operate two gas burners simultaneously on the highest flame for longer than 15 minutes. One large burner of more than 5 kW (wok) is equivalent to the power of two gas burners.
- CAUTION: Accessible parts may become hot when used with cooking appliances. Keep children at a safe distance.

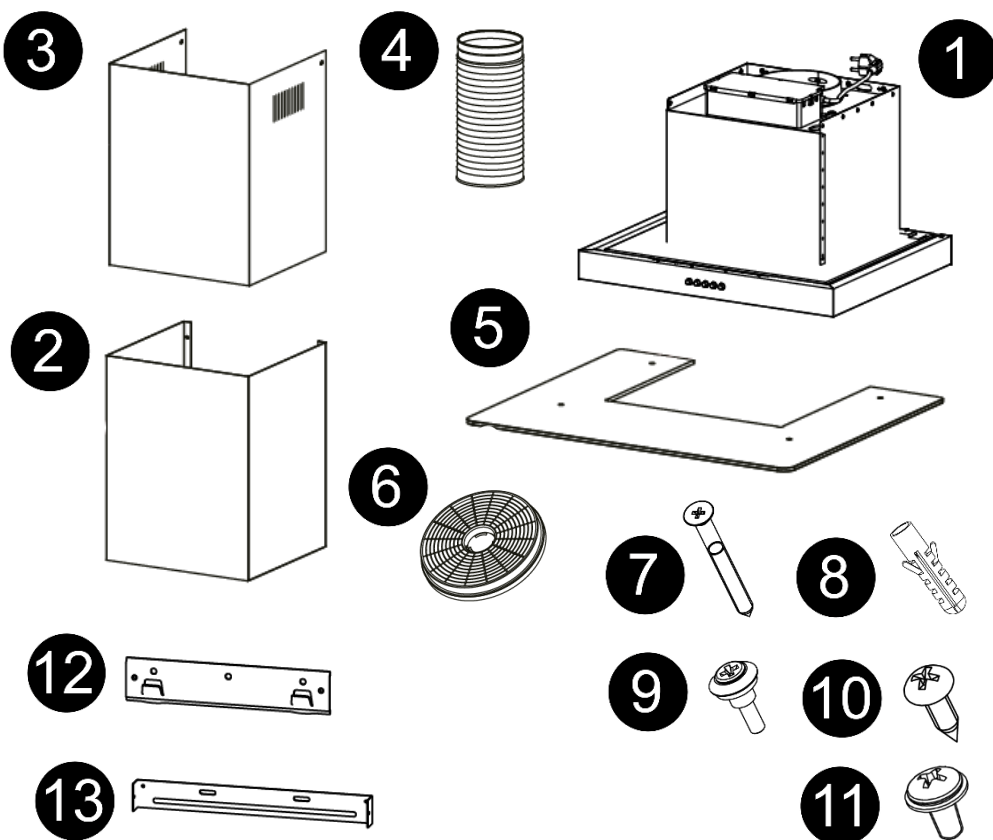
Safety Instructions

- A defective appliance may cause electric shock. Never switch on a defective appliance. Unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.
- Incorrect repairs are dangerous. Repairs may only be carried out and damaged power cables replaced by one of our trained after-sales technicians. If the appliance is defective, unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.
- Do not use any high-pressure cleaners or steam cleaners, which can result in an electric shock.
- Always switch on the appliance while cooking to avoid condensation. Condensation can produce corrosion damage.
- Always replace faulty bulbs to prevent the remaining bulbs from overloading.
- Risk of damage due to ingress of humidity into the electronic circuitry. Never clean operator controls with a wet cloth. Surface damage due to incorrect cleaning. Clean stainless steel surfaces in the direction of the grain only. Do not use any stainless steel cleaners for operator controls.
- Surface damage due to strong or abrasive cleaning agents. Never use strong and abrasive cleaning agents. Risk of damage from returning condensate. Install the exhaust duct in such a way that it falls away from the appliance slightly (1° slope).
- Components inside the appliance may have sharp edges. Wear protective gloves.
- Items placed on the appliance may fall down. Do not place any objects on the appliance.

Safety Instructions

- Ensure that there is adequate ventilation of the room when the cooker hood is used at the same time as appliances burning gas or other fuels.
- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Do not flame under the cooker hood.
- CAUTION: Accessible parts may become hot when used with cooking appliances.
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.
- Do not use with an extension cord.
- Ensure appliance is unplugged prior to maintenance.
- This appliance is designed for home use only.

Product Overview



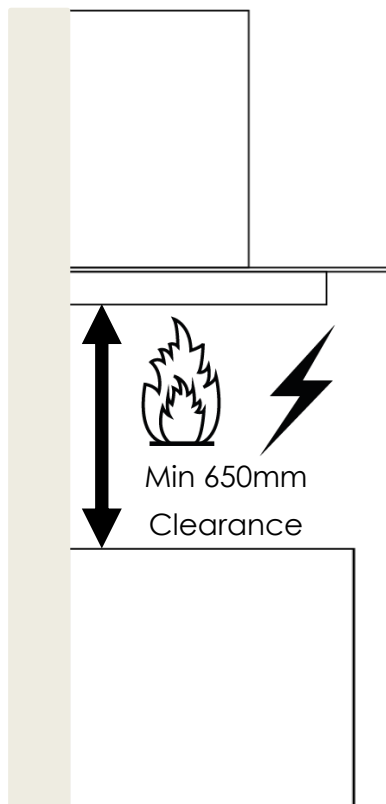
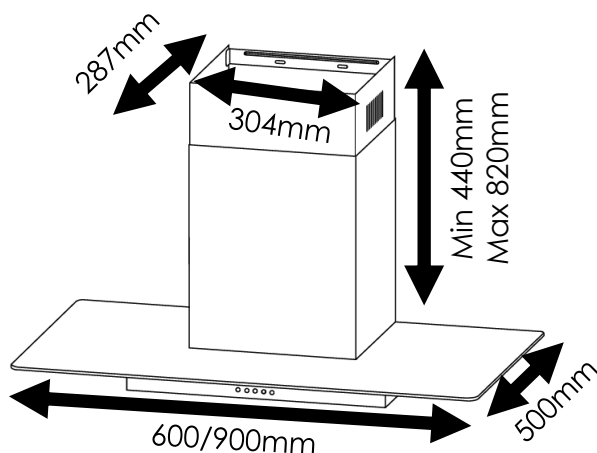
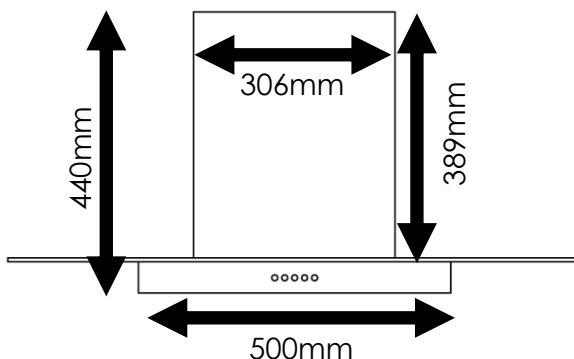
- | | |
|---------------------------------|---|
| 1) Cooker Hood Main Unit | 8) Wall Plugs* 10x43 (7 pieces) |
| 2) Lower Chimney Cover | 9) Screws M4x20 (4 Pieces) |
| 3) Upper Chimney Cover | 10) Screws ST4.2x9.5 (6 Pieces) |
| 4) Exhaust Pipe | 11) Screws M4x8-F-H (10 Pieces) <i>[not used with this model]</i> |
| 5) Glass Cover | 12) Hood fixing bracket |
| 6) Charcoal Filters (Pack of 2) | 13) Chimney Fixing Bracket (2 Pieces) |
| 7) Screws 5x50 (7 pieces) | |

**Ensure wall fittings are suitable for the wall that is being installed on*

Positioning

- This appliance is installed on the wall.
- Avoid damaging the product during installation
- The appliance can only be used safely if it is correctly installed according to the safety instructions. The installer is responsible for ensuring that the appliance works correct when installed.
- The width of the extractor hood must correspond at least with the width of the hob.
- For the installation, observe the currently valid building regulations and the regulations of the local electricity and gas suppliers.
- When conveying the exhaust air, official and legal regulations (e.g., state building regulations) must be followed.
- The exhaust air must not be conveyed into a functioning smoke or exhaust gas flue or into a shaft which is used to ventilate installation rooms that contain heating appliances. If the exhaust air is to be conveyed into a non-functioning smoke or exhaust gas flue, you must obtain the consent of the heating engineer responsible.
- Always ensure adequate fresh air in the room if the appliance is being operated in exhaust air mode at the same time as room air-dependent heat-producing appliance is being operated.

Positioning



WARNING – we recommend a minimum of 2 people are required when moving, lifting or fitting the appliance.

WARNING – Ensure minimum clearance levels are maintained as outlined in the diagrams above.

We recommend the use of a spirit level and square to gauge the surface before installing, to ensure a flush fit.

All measurements in the diagram are in millimetres (mm)

Operating Modes

This appliance can be used in exhaust-air mode or circulating air mode.

Extraction-air mode

The air which is drawn in is cleaned by the grease filters and extracted outside by a hose.

Important Notes:

- The extracted air must not be extracted into a functioning smoke, exhaust gas flue or into a shaft which is used to ventilate installation rooms which contain heat-producing appliances.
- Before the extracted air is extracted into a non-functioning smoke or exhaust gas flue, obtain the consent of the heating engineer responsible.
- If the extracted air is carried through the outer wall, a telescopic wall box should be used.

Circulating-air mode

The air which is drawn in is cleaned by the grease filters and a carbon filter (supplied with your appliance) and extracted back into the kitchen.

Dependent on use, it is recommended that a carbon filters are changed every 2 – 3 months.

Installation Warning

- ***Ensure that there are no electric wires, gas or water pipes in the area where holes are to be made.***
- ***Ensure that there is an electrical plug socket within adequate distance of the hood after it has been installed.***

Installation

Preparation

As a first step, proceed with the following drawings:

- A vertical line up to the ceiling or up to the upper limit, at the centre of the area in which the hood is to be fitted.
- A horizontal line C at 960-1060 mm above the cooker top.
- A horizontal line A at a X mm above the horizontal line C.
- A horizontal line B at a Y mm above the horizontal line A

Mark Points:

- Mark a point {1} on the horizontal line A, 60 mm to the vertical reference line.
- Repeat this operation on the other side, checking that the two marks are levelled.
- Mark a point {2} on the horizontal line B, 60 mm to the vertical reference line.
- Repeat this operation on the other side, checking that the two marks are levelled
- Mark a point {3} on the horizontal line C, 80 mm to the vertical reference line.
- Repeat this operation on the other side and on the vertical reference line, checking that the three marks are levelled.

Fix the brackets:

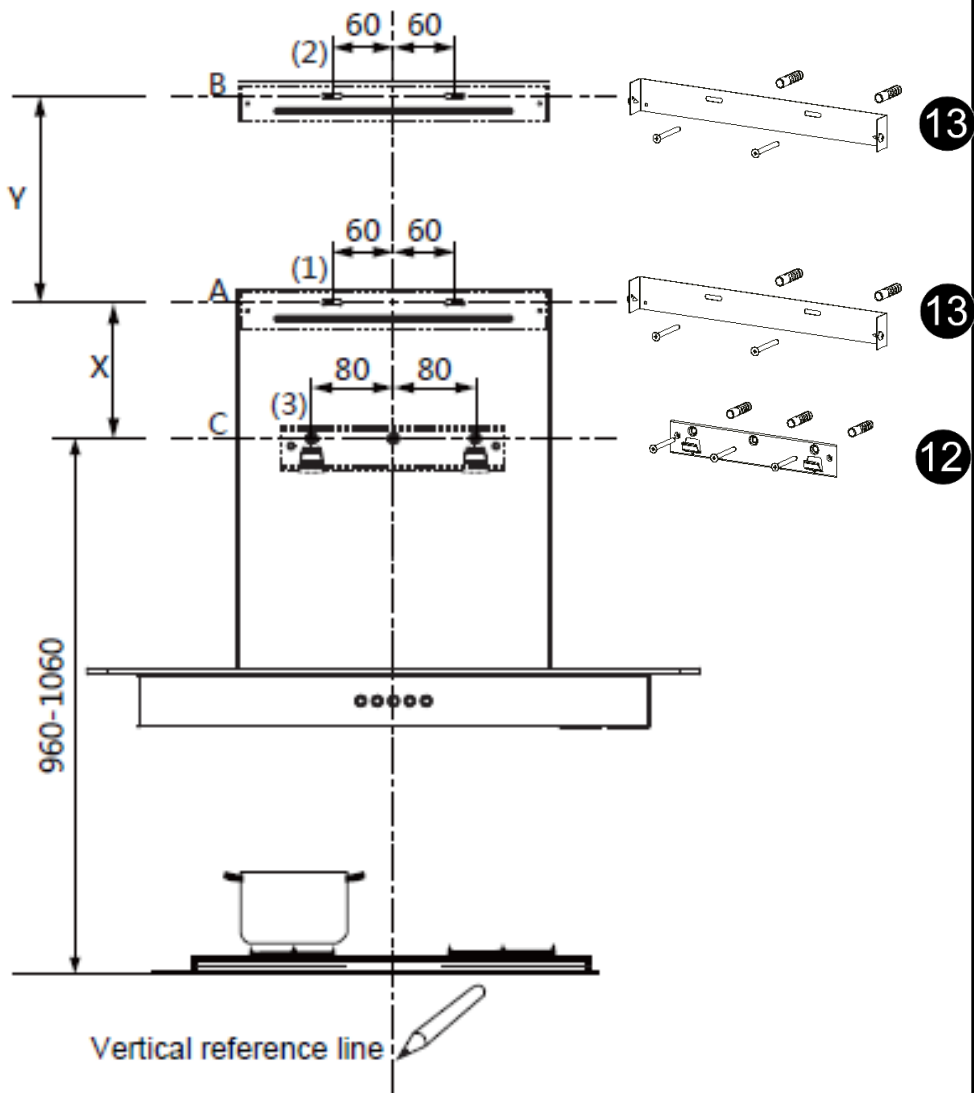
EXTERNAL VENTILATION (DUCTED)

- Drill holes at the marked points with a $\phi 10$ mm drill bit.
- Insert the Wall Plugs* [8] into the holes.
- Fix the hood fixing bracket [12] with 3 screws [7] (5 x 50) at the horizontal line C,
- Fix a Chimney fixing bracket [13] with 2 screws [7] (5 x 50) at the horizontal line B.
- Fix a Chimney fixing bracket [13] with 2 screws [7] (5 x 50) at the horizontal line A.

**Ensure wall fittings are suitable for the wall that is being installed on*

Installation

Preparation

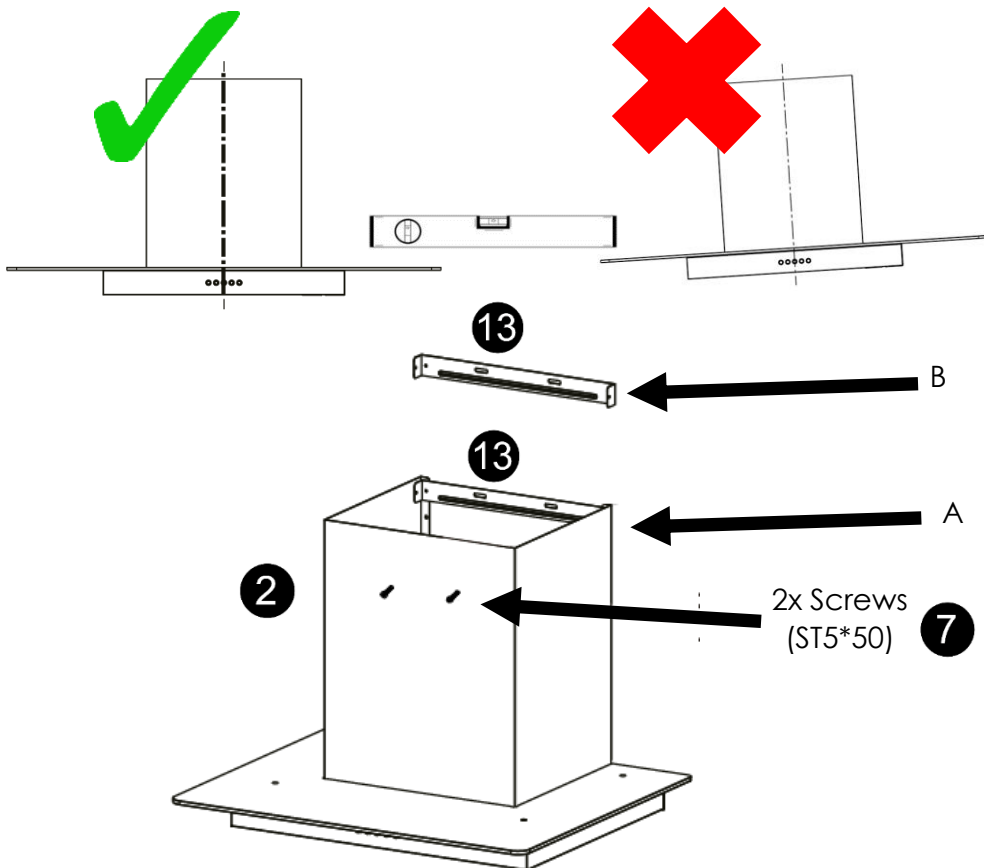


Chimney	X	Y
400+390	119	40-377

All measurements in the diagram are in millimetres (mm)

Installation

Attaching and aligning the appliance



- Hook the hood body to the bracket [12].
- Check the Hood is level
- Fix the exhaust pipe on the hood body (see next page).
- Connect the Chimney fixing bracket [13] and Lower Decorative Chimney [2]
- Fix the Chimney fixing bracket [13] with 2 screws [7] (5 x 50) at the horizontal line A.
- Affix the glass to the top of the main unit with 4x screws [9]



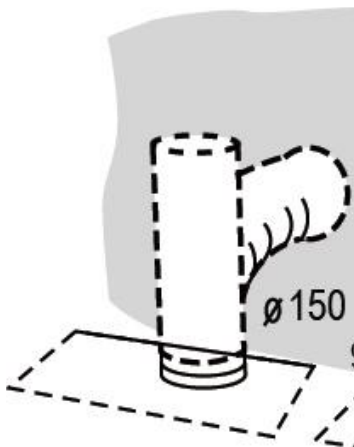
Note: Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.

Installation

Attaching the flue duct

When installing the ducted version, connect the hood to the chimney using a flexible or rigid pipe ϕ 150mm.

- Fix the exhaust pipe (4) in position using sufficient pipe clamps. (not supplied)
- Remove any charcoal filters.

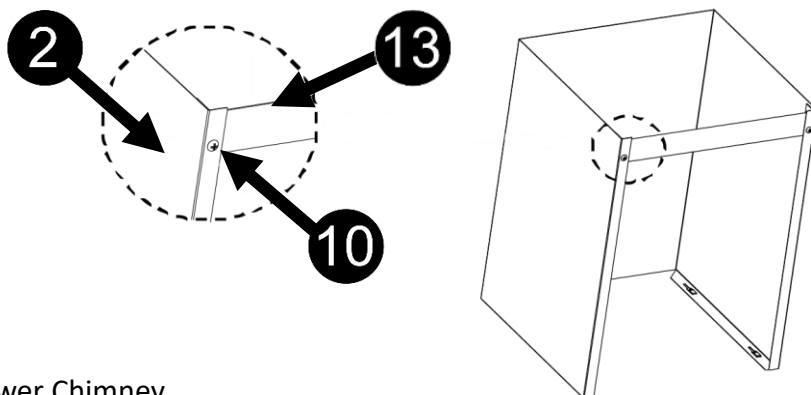


Internal Recirculation

When installing for internal recirculation, the flexible pipe is not required to be installed.

Ensure charcoal filters are installed (see page 21) and maintained to schedule in this manual.

Installation

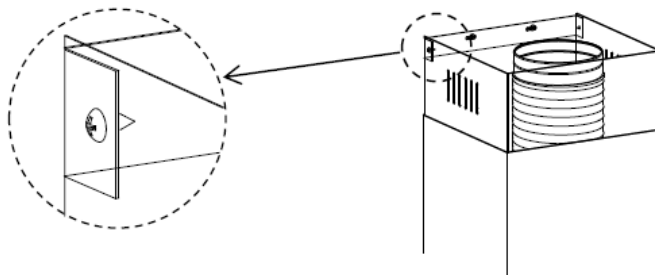


Lower Chimney

- Fix a Chimney fixing bracket [13] onto the Lower Decorative Chimney [2] with 2 screws [10] (4.2 x 9.5) supplied with the hood.

Upper Chimney

- Slightly widen the two sides of the upper chimney and hook them between the wall and the bracket [13] which is fixed on the Lower Decorative Chimney [2].
- Fix the upper chimney onto the bracket [13] with 2 screws [10] (4.2 x 9.5) supplied with the hood.
- Fix the chimney fixing bracket [13] with 2 screws [7] (5x50) at the horizontal line B.



Usage

Note: Switch on the extractor hood when you start cooking and switch it off again several minutes after you have finished cooking. This is the most effective way of removing the kitchen fumes.

Control panel



	OFF SWITCH: Press this switch to stop the appliance
	LOW SPEED: Press to run the appliance at low speed
	MEDIUM SPEED: Press to run the appliance at medium speed
	HIGH SPEED: Press to run the appliance at high speed.
	LIGHT: Press this switch to toggle the LED lights between On and Off

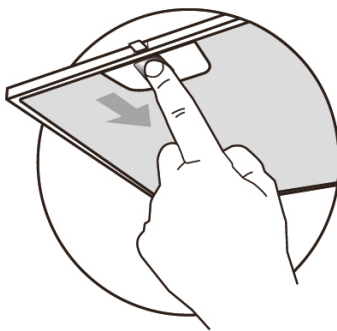
Regularly cleaning the filter prolongs the life of your appliance and prevents grease from building up and damaging the appliance and/or limiting the performance.

We recommend you clean the mesh filter every 3 months in hot soapy water.

WARNING – Washing the aluminium filter in a dishwasher may damage the filter.

NOTICE – If using charcoal filters for internal circulation, these cannot be washed and must be replaced every 2-3 months.

Cleaning and Maintenance



Grease Filter

- The filter must be cleaned every 3 months of operation, or more frequently for particularly heavy usage, and can be washed in a dishwasher.
- Pull the switch to open them.
- Remove the filter by pushing them towards the back side of the hood unit and simultaneously pulling downwards.
- Any kind of bending of the filters has to be avoided when washing them.
- Before fitting them again into the hood make sure that they are completely dry.
- The colour of the filter surface may change throughout the time but this has no influence to the filter efficiency.
- When fitting the filters into the hood pay attention that they are mounted in correct position with the handle facing outwards.

Charcoal Filters

- These filters are not washable and cannot be regenerated, and must be replaced approximately every 2-3 months of operation, or more frequently with heavy usage

Cleaning and Maintenance

Surface type	How to clean
Stainless Steel	Hot soapy water: Clean with a dish cloth and dry with a soft cloth. Clean stainless steel surfaces in the direction of the grain only. Special stainless steel cleaning products are from specialist retailers. Apply a very thin layer of the cleaning product with a soft cloth.
Painted surfaces	Hot soapy water: Clean using a damp dish cloth and dry with a soft cloth/towel. Do not use any stainless steel cleaners.
Aluminium and plastic	Glass cleaner: Clean with a soft cloth.
Glass	Glass cleaner: Clean with a soft cloth. Do not use a glass scraper.
Panel	Hot soapy water: Clean using a damp dish cloth and dry with a soft cloth. Risk of damage to the electronics from penetrating moisture. Never clean operator controls with a wet cloth. Do not use any stainless steel cleaners.

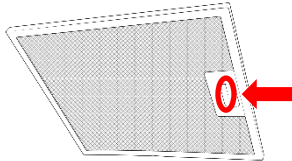
Cleaning and Maintenance

Aluminium grease filters:

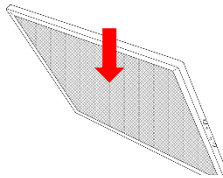
Removing and installing the Aluminium grease filters:

Removing

1. Press the lock in and pull down the aluminium grease filter.



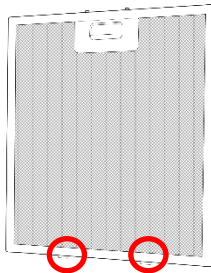
2. Take the filter out of the holder.



3. Clean the filter and allow to dry before replacing (refer to cleaning instructions on the following page).

Installing

1. Insert the aluminium grease filter by aligning the 2 metal tabs into the filter holder.



2. Push the filter upwards, locking it in place.

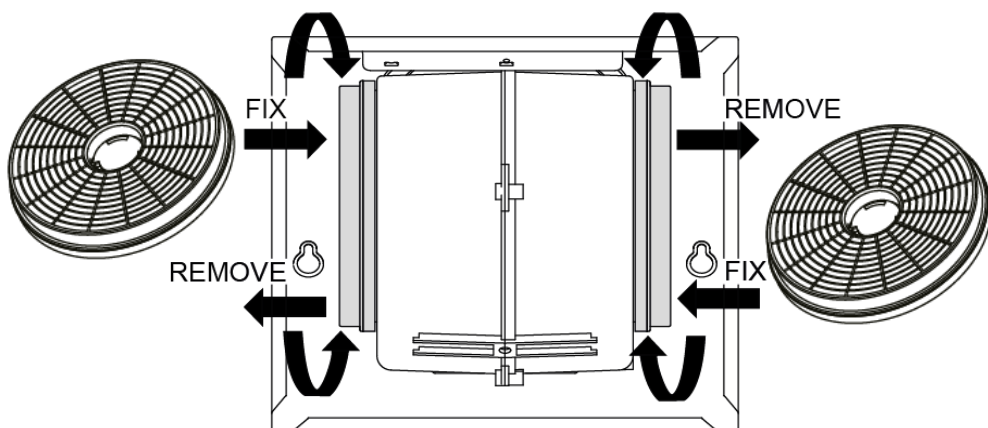
Cleaning and Maintenance

Carbon filters:

Replacing the Carbon grease filters:

Switch off your hood at the plug socket and unplug it for safety.

1. Open the comfort panels pulling them downwards
2. Remove the metal grease filters.
3. Remove the saturated activated charcoal filter by twisting anti-clockwise and pulling.
4. Fit the new filters by pushing and twisting clockwise.
5. Replace the metal grease filters.
6. Close the comfort panel.



Note: Carbon filters should be replaced after approximately 2-3 months of use.

Cleaning and Maintenance

Important notes

- Grease deposits in the grease filter may catch fire.
- Clean the grease filter at least every 2 months.
- Never operate the appliance without the grease filter.
- Do not use any aggressive, acidic or alkaline cleaning agents.
- When cleaning the aluminium grease filters, also clean the holder filters in the hood using a damp cloth (ensure the hood is turned off).
- The grease filters can be cleaned in the dishwasher or by hand.

Dishwasher:

1. Do not clean heavily soiled metal mesh grease filters together with utensils.
2. Place the aluminium grease filters loosely in the dishwasher.
3. The filters must not be wedged in.
4. The temperature should be 60°C or less

Note: If the filters are cleaned in the dishwasher, slight discolouration may occur. This has no effect on the function of the metal mesh grease filters.

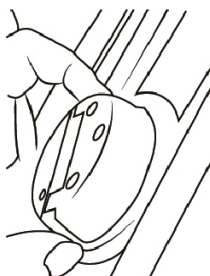
By hand:

1. Soak the aluminium grease filters in a hot soapy water.
2. Clean the filters with a brush before rinsing them thoroughly.
3. Leave the filters to drain and put them back into the hood when dry.

Cleaning and Maintenance

Replacing the LED module

- The LED Module cannot be replaced on its own; the entire light module must be changed.
- We recommend that a qualified engineer carries out the replacement.
- **WARNING:** when replacing the light module, the electrical contacts remain live.
- Always unplug the appliance from the mains or switch off the circuit breaker at the fuse box before starting.



Diameter	Max Power	Voltage	ILCOS D code
70mm	1.5W	DC 12V	DSR-1.5-S-70

Troubleshooting

Problem	Solution
Appliance doesn't work	The plug is not plugged in.
	Connect the appliance to the electricity supply.
	Power cut
	Check whether other kitchen appliances are working.
	Faulty fuse
	Check in the fuse box to make sure that the fuse for the appliance is working
Lighting doesn't work	The fan is faulty.
	Contact Product Care or a local engineer.
	The plug is not plugged in
	Connect the appliance to the electricity supply.
Excessive vibration	The bulbs are faulty.
	For information on changing the bulbs, see the "Replacing Bulbs" section.
Insufficient suction	The hood is not correctly installed, check all screws are tightly fastened.
Hood isn't flush against the wall	The hood may have been installed too far away from the hob.
	The screws of the fixing brackets have not been tightened sufficiently.

Connection to the Mains Supply

WARNING- THIS APPLIANCE MUST BE EARTHED

This appliance is designed to operate from a mains supply of AC220V-AC240V~50Hz. Check that the voltage marked on the product corresponds with your supply voltage.

For UK use only – Plug fitting details (where applicable):

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The GREEN/YELLOW wire is the EARTH and must be connected to the terminal which is marked with the letter E or by the earth symbol or coloured GREEN or GREEN/YELLOW.

The BLUE wire is the NEUTRAL and must be connected to the terminal marked with the letter N or coloured BLACK.

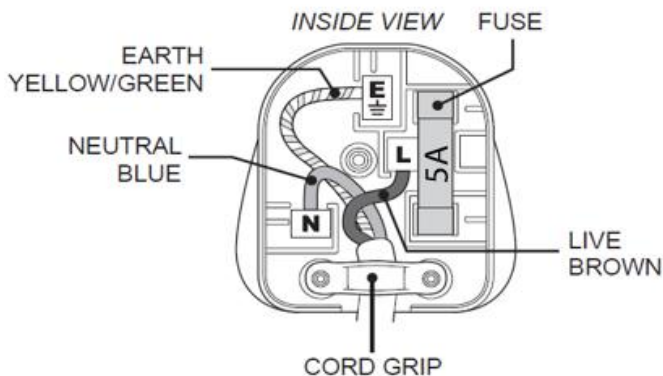
The BROWN wire is the LIVE wire and must be connected to the terminal marked with the letter L or coloured RED.

Always ensure that the plug cord grip is fastened correctly.

If a 5A (BS1363) fused plug is used it must be fitted with a 5amp fuse conforming to BS1362 and be BSI or ASTA approved.



DANGER
Electric
Shock Risk



Guarantee

This product is guaranteed for 12 months from the date of the original purchase. If any defect arises due to faulty materials or workmanship you must contact Product Care with the original proof of purchase so a replacement or refund can be arranged.

Refund or replacement is at the discretion of Product Care.

The following conditions apply:

- Product Care will require a valid proof of purchase at the point of replacement or refund.
- The product must be installed and used in accordance with the instructions contained in this instruction guide and any other instructions for use which has been supplied.
- It must be used for domestic purposes only and for its intended use.
- This guarantee does not cover wear and tear, damage, misuse or consumable parts.

This does not affect your statutory rights.

Region	Contact	Website
UK & Northern Ireland	0345 209 7461	mda.russellhobbs.com
Ireland	1 800 938982	ie.mda.russellhobbs.com
Rest of Europe	europe@productcaregroup.com	de.mda.russellhobbs.com fr.mda.russellhobbs.com es.mda.russellhobbs.com it.mda.russellhobbs.com nl.mda.russellhobbs.com

Product Fiche

Model identification	RHFGCH601 B/SS / RHFGCH901 B/SS			
	Symbol	Measured value	Rated value	Unit
Annual Energy Consumption	AEChood	55,3	56,4	kWh/a
Standard Annual Energy Consumption	SAEChood	67,0	67,8	kWh/a
Time increase factor	F	1,6	1,6	
Fluid Dynamic Efficiency	FDEhood	11,3	10,4	
Energy Efficiency Index	EElhood	82,5	83,2	
Air flow rate at best efficiency point	QBEP	254,6	244,4	m³/h
Air pressure at best efficiency point	PBEP	145	139	Pa
Maximum airflow	Qmax	445,9	440,0	m³/h
Electric power input at best efficiency point	WBEP	91,0	91,0	W
Average illumination of the lighting system on the cooking surface	Emiddle	199	135	lux
Nominal Power of the lighting system	WL	3,0	4,5	W
Value of the Lighting Efficiency (LEhood)	LEhood	66	30	lux/W
Value of the Grease Filtering Efficiency (GFEhood)	GFEhood	71,6	66,0	
The air flow values of the domestic range hood at minimum speed available in normal use, in m3/h	N/A	269,7 m3/h (at 0 Pa)	260,0	m³/h (rounded to the first decimal place)
The air flow values of the domestic range hood at maximum speed available in normal use, in m3/h	N/A	445,9 m3/h (at 0 Pa)	440,0	m³/h (rounded to the first decimal place)
Remark: tested according to EN 61591:1997 + A1:2006 + A2:2011 + A11:2014 + A12:2015				
Power consumption in standby mode	Ps	-	-	W
Power consumption off mode	P0	0,00	0,00	W
Remark: tested according to EN 50564:2011				
Sound power level	LWA	Minimum speed: 52	54	dB
		Maximum speed: 63	66	dB
Remark: tested according to EN 60704-2-13:2017, EN 60704-1:2010 + A11:2012				

Information of efficiency class according to (EU) No 65/2014				
Item	Measured value	Rated value	Measured Class	Rated class
Energy efficiency EE _{hood}	82,5	83,2	C	C
Fluid Dynamic Efficiency FDE _{hood}	11,3	10,4	E	E
Lighting Efficiency LE _{hood}	66	30	A	A
Grease Filtering Efficiency GFE _{hood}	71,6	66,0	D	D



Russell Hobbs

Made by Product Care Trading Limited under license from Spectrum Brands (UK) Limited. Product Care Trading Ltd, Unit 1, Green Bank Business Park, Swan Lane, Hindley Green, Wigan, WN2 4AY, United Kingdom

Product Care (Ireland) Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, T23 AT2P, Ireland. Russell Hobbs is the registered trademark of Spectrum Brands (UK) Ltd.

UK
CA



The 'wheellie bin' symbol is known as the 'Crossed-out wheellie bin Symbol'.

When this symbol is marked on a product/batteries, it means that the product/batteries should not be disposed of with your general household waste. Only discard electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment. For your nearest disposal facility, visit www.recycle-more.co.uk or ask in store for details.

SEDEX – Connecting businesses and their global suppliers to share ethical data and enabling improvement in ethical performance. Visit www.sedex.org.uk for further information.

We reserve the right, due to possible changes to design, to alter the instruction manual without prior notice.

Revision 2.7