



Masterchef

CH 90

COOKER HOOD

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING & USING THIS COOKER HOOD



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AGA Masterchef CH90

OPERATING INSTRUCTIONS

COOKER HOOD CONTROLS

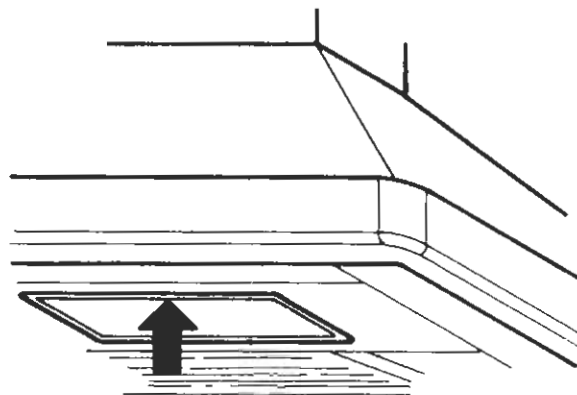
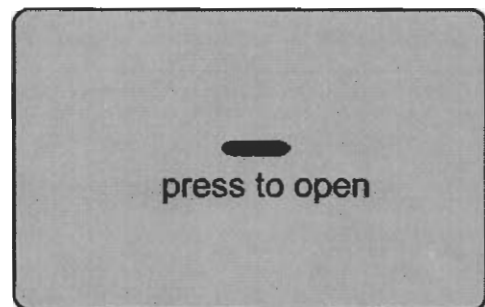
The cooker hood functions are controlled by three switches, which are located in a concealed control panel on the right underside, which is marked 'press to open', as illustrated opposite.

OPENING THE CONTROL PANEL

To gain access to the control panel apply slight pressure to the front edge of the control panel and release. The control panel will spring open. To close the control panel push it upwards until an audible click is heard.

The cooker hood is more effective when used in the evacuation (ducting) mode.

To obtain the best performance it is advisable to switch on the hood a few minutes before you start cooking and leave it running for approximately 15 minutes after finishing.



OPERATING INSTRUCTIONS

WORKTOP LIGHTING

The switch (L) marked with the lamp symbol operates the worktop lighting.

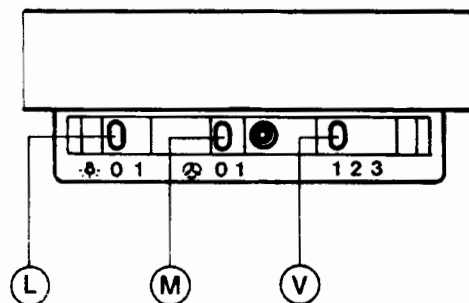
L **0 - OFF**
 1 - ON

FAN CONTROL

The switch (M) marked with the fan symbol and the switch (V) marked 1-2-3 operates the fan.

M **0 - OFF**
 1 - ON

V **1 - LOW**
 2 - NORMAL
 3 - BOOST



TO OPERATE

Select the required fan speed and light if required.

RECIRCULATION

In the recirculation mode the contaminated air enters the cooker hood through the grease filters. The air is cleaned by passing through the charcoal filters before being passed back into the kitchen through the grilles in either side of the chimney stack.

EXTRACTION

In the extraction mode the contaminated air enters the cooker hood passing through the grease filters and is passed out through the ducting into the atmosphere.



When used in the ducting mode the charcoal filters are not required.

Never do flambe' cooking under this cooker hood.

Never leave frying pans unattended during use as over-heated fats and oils can catch fire.

Do not leave naked flames under the cooker hood.

Ensure heating areas on your hob are covered with pots and pans when using the hob and cooker hood simultaneously.

MAINTENANCE AND CLEANING

Regular maintenance and cleaning will ensure good performance and reliability while extending the working life of the hood. Special attention should be paid to the filters.



For your own safety always switch off the cooker hood at the mains supply point before opening and removing the grease filter cassettes for maintenance or cleaning.

METAL GREASE FILTER CASSETTES

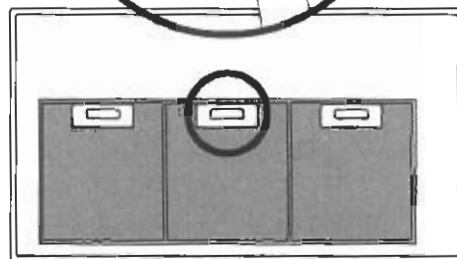
The grease filters absorb grease and dust during cooking to help keep the cooker hood clean inside. Gradually the filters become saturated with grease and should be cleaned every month with normal usage. They should be cleaned in a dishwasher or by hand in mild household detergent or liquid soap.



REMOVING THE GREASE FILTERS

To remove the grease filter cassette apply slight pressure to the slide catches and while lowering the front edge pull the cassette towards you to disengage it from the slot at the rear, as illustrated opposite.

The cassettes should be refitted with the slide catches facing downwards.



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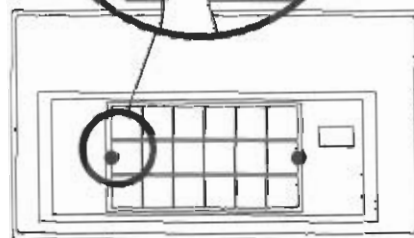
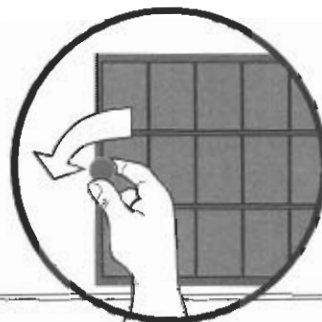
CHARCOAL FILTER

The (optional) charcoal filter is fitted when the cooker hood is installed in the filtered (recycling) mode to purify the air within the kitchen. The charcoal filter cannot be cleaned and should be replaced every 3-4 months or more frequently if the hood is used for more than three hours per day. Before removing the charcoal filter place a dust sheet over the cooking appliance, ensuring the cooking appliance is cold to the touch.



REMOVING THE CHARCOAL FILTER

To remove the charcoal filter, firstly remove grease filter cassettes. Unscrew the two thumbscrews at either side of the filter while holding the filter securely, as illustrated opposite.



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MAINTENANCE AND CLEANING



The cooker hood must be kept clean, as a build up of grease or fat can be a fire hazard.

FLUORESCENT STRIP LAMP

The worktop illumination is provided by a 15 watt fluorescent strip lamp fitted between the control panel and the grease filter cassettes, as illustrated opposite.



For your own safety always switch off the cooker hood at the mains supply point before opening and removing the grease filter cassettes for maintenance or cleaning.



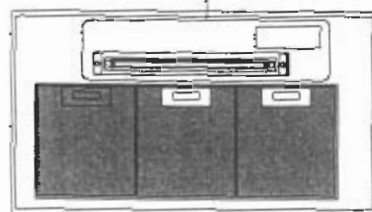
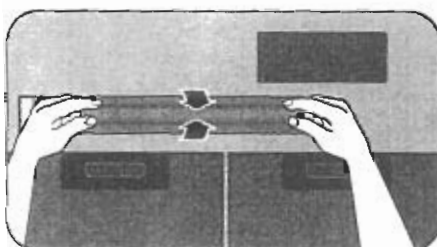
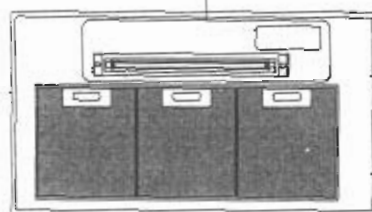
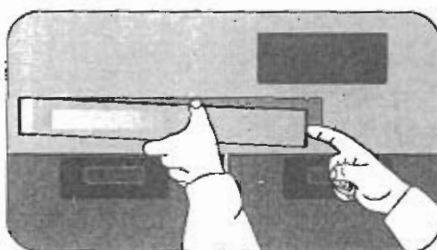
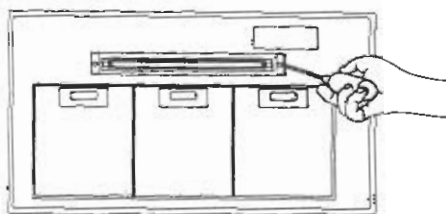
REMOVING THE STRIP LAMP

To remove the fluorescent strip lamp begin by removing the plastic end covers at either side of the lighting diffuser; the glass strip will remain in position once the end cappings are removed by the retaining lugs, as illustrated opposite.

To remove the glass strip, push the glass as illustrated opposite until both ends are free.

To remove the fluorescent strip lamp rotate it through 90° in the fixing brackets until a clicking sound is heard from within the fixing brackets. This sound advises the strip lamp can be removed. Pull the lamp forward from the slots in either side of the fixing brackets, as illustrated opposite.

Replace the lamp by reversing the operation.



INSTALLATION INSTRUCTIONS



It is dangerous to alter the specifications or attempt to modify this product in any way.

Technical Information

DIMENSIONS	HEIGHT OF CANOPY:	240mm		
	HEIGHT OF CHIMNEY:	(UPPER SECTION)	400mm	
	HEIGHT OF CHIMNEY:	(LOWER SECTION)	360mm	
	WIDTH OF CANOPY:	898mm		
	DEPTH OF CANOPY:	490mm		
ELECTRICAL SUPPLY	VOLTAGE:	~50Hz		220-240V
	POWER CONSUMPTION:	155W		
	FAN MOTOR:	140W		
	LIGHT:	(FLUORESCENT STRIP LAMP)		15W
PERFORMANCE	SPEEDS	1	2	3
	CAPACITY m³/h	280	380	650
	CAPACITY lt/sec	78	106	181
	PRESSURE mmH₂O	20	24	33
	INPUT W	50	65	140
	NOISE LEVEL dBA	47	54	62

ELECTRICAL CONNECTION



Note: CE Marking certifies that this appliance complies with the requirements laid down in EEC directive 89/336 (Electromagnetic compatibility) and subsequent modifications and Low Voltage directive 72/23/E.



THIS APPLIANCE MUST BE EARTHED

ELECTRICAL REQUIREMENTS

Any permanent electrical installation must comply with the latest I.E.E. Regulations and local Electricity Board regulations. For your own safety this should be undertaken by a qualified electrician e.g. your local Electricity Board, or a contractor who is on the roll of the National Inspection Council for Electrical Installation Contracting (NICEIC).

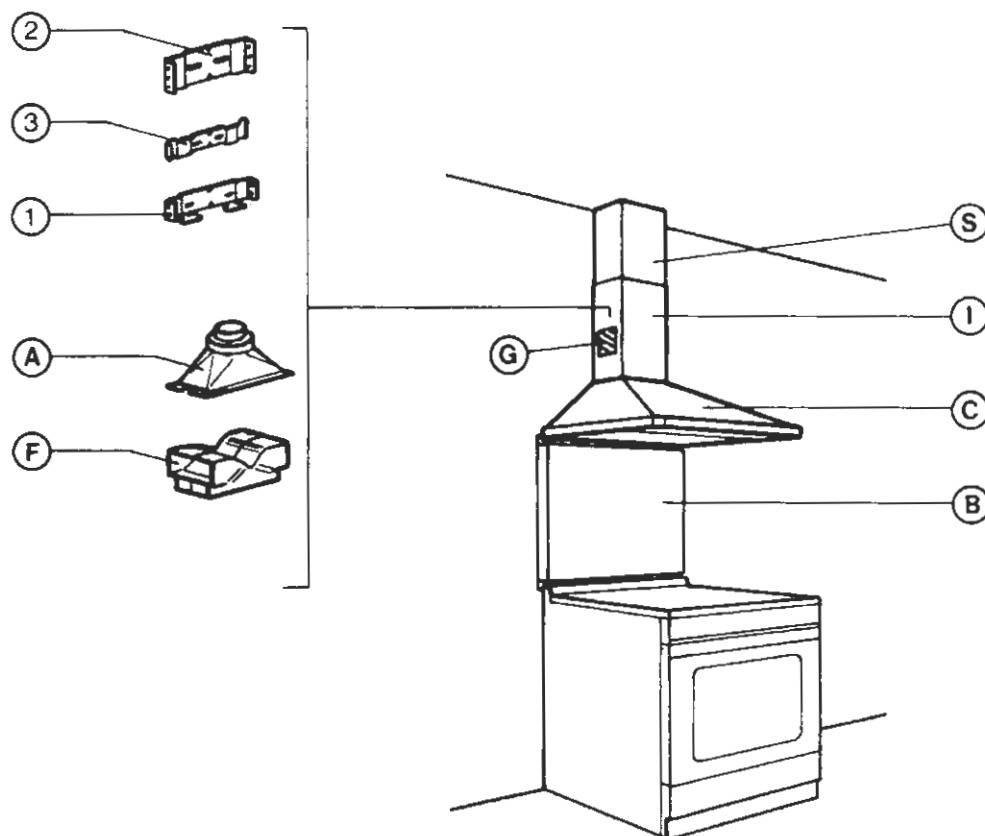
ELECTRICAL CONNECTION

Before connecting to the mains supply ensure that the mains voltage corresponds to the voltage on the rating plate inside the cooker hood.

This appliance is fitted with a 3 core mains cable and must be permanently connected to the electricity supply via a double-pole switch having 3mm minimum contact gap on each pole. A Switched Fuse Connection Unit to BS.1363 Part 4, fitted with a 3 Amp fuse, is a recommended mains supply connection accessory to ensure compliance with the Safety Requirements applicable to fixed wiring instructions.

This appliance conforms to BS.800:1988 and EEC Directive No. 78 308 regarding suppression of radio and television interference.

INSTALLING THE COOKER HOOD



Please ensure that when the appliance is installed it is easily accessible to an engineer in the event of a breakdown.



All installations must comply with the local authorities requirements for the discharge of exhaust air.

Incorrect installation may affect the safety of this cooker hood.

INSTALLATION REQUIREMENTS



Before installation check that the wall to which the cooker hood is to be fitted for electric cables, water pipes and gas.

This cooker hood is designed to be fixed to any vertical surface over a cooking area, and can be used in the extraction (ducted to the outside) or recirculation mode.

The installation work must be undertaken by a qualified and competent person.

The manufacturer disclaims any responsibility for damage due to incorrect installation of the cooker hood or if the hood is not installed in compliance with relevant regulations controlling this type of installation.

UNPACKING THE COOKER HOOD

The cooker hood is supplied with the following components for installation:

- Canopy (C), including controls, worktop illumination and fan unit.
- U-shaped upper chimney section (S).
- U-shaped lower chimney section (I).
- Two recirculation grilles (G).
- Recirculation spigot (F).
- Ducting spigot Dia 120mm.
- Reducing collar Dia 125 to 120mm (A).

FIXING KIT

- Wall fixing brackets(1, 2 and 3).
- Rawl plugs and screws.
- Document pack.

WARNINGS

CLEARANCE HEIGHTS

It is most important that this instruction book should be retained with the cooker hood for future reference. Should the hood be sold or transferred to another owner or should you move house and leave the hood always ensure that the book is supplied with the hood in order that the new owner can be acquainted with the functioning of the hood and the relevant warnings. Please ensure that you read the whole instruction book before using the hood and that you follow the recommendations given.

These warnings are provided in the interest of safety. You must read them carefully before installing or using your cooker hood.

When used in the extraction mode the cooker hood must not be connected to a flue which is being used for exhausting fumes from appliances supplied with energy other than electric such as a central heating flue or water heating flue.

When installed above a cooking appliance the minimum distance between the surface of the element/pan support and the grille of the hood must be 70 cm (27") as illustrated.

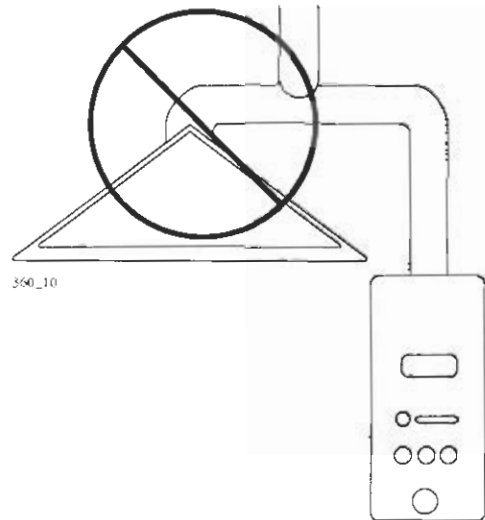


This cooker hood must not be installed above a cooking appliance with a high level grill.

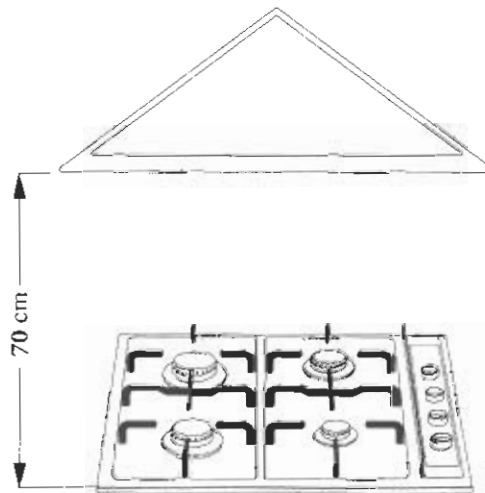


Please also refer to your AGA Masterchef - Product Instructions for full information on location and clearances.

The fan motor of this cooker hood incorporates a thermal cut-out device which will operate if the hood is installed below the minimum height recommended above or if the motor becomes over-heated. If the cut-out device is activated switch off the fan motor and allow the motor to cool. The cut-out device will reset itself when the fan motor has cooled sufficiently.



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WARNINGS

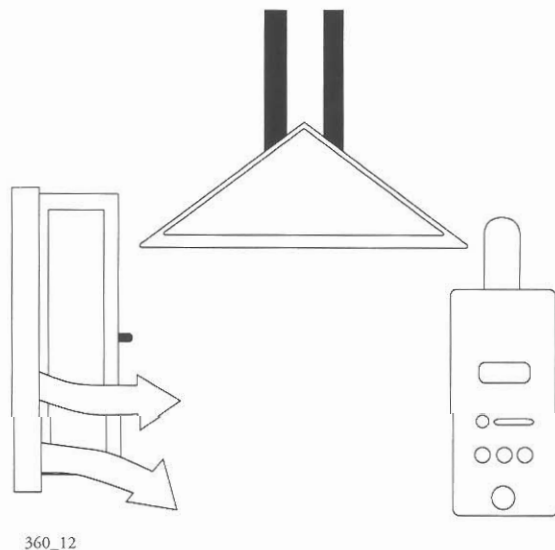
If the cut-out device is activated switch off the fan motor and allow the motor to cool. The cut-out device will reset itself when the fan motor has cooled sufficiently.

If the room where the hood is to be used contains a fuel burning appliance such as a central heating boiler then its flue must be of the room sealed or balanced flue type. If other types of flue or appliances are fitted ensure that there is an adequate supply of air to the room at all times so that the fumes from the boiler are not drawn back into the room by the cooker hood.

When the cooker hood is used in conjunction with other appliances supplied with energy other than electricity, the negative pressure in the room must not exceed 0,04 mbar in order to avoid a return of the fumes from combustion. This is possible by opening a window or door, as illustrated.

All installations must comply with the local authorities requirements for the discharge of exhaust air.

If the cooker hood is installed for use above a gas appliance then the provision for ventilation must be in accordance with the latest Gas Safety (Installation & Use) Regulations and the relevant building regulations. Details are contained in the following British Codes of Practice BS.6172, BS.5440 and BS.6891 (Natural Gas) and BS.5482 (LP Gas) 1994, the Gas Safety (Installation & Use) Regulations, the Building Regulations issued by the Department of the Environment, the Building Standards (Scotland) (Consolidated) Regulations issued by the Scottish Development Department.



INSTALLING THE COOKER HOOD

Before commencing the installation, carefully consider the difficulties that will be found during the installation of this bulky and heavy appliance.

The installation work must be undertaken by a qualified and competent person and all installation work must comply with the local authorities requirements for the discharge of exhaust air.

The manufacturer disclaims all liabilities for any damage or injury caused as a result of not following the instructions for installation contained in this booklet.

FITTING THE WALL BRACKETS

This cooker hood may be fitted to any rigid vertical surface.



Before installation check the wall to which the cooker hood is to be fitted for electric cables, water pipes or gas pipes before drilling.

If it is necessary to fix the cooker hood to a hollow construction plaster or partition board structure then it must be sufficiently reinforced to be quite rigid in the area of the hood mounting brackets and special plaster board fixing plugs will be required (not supplied).

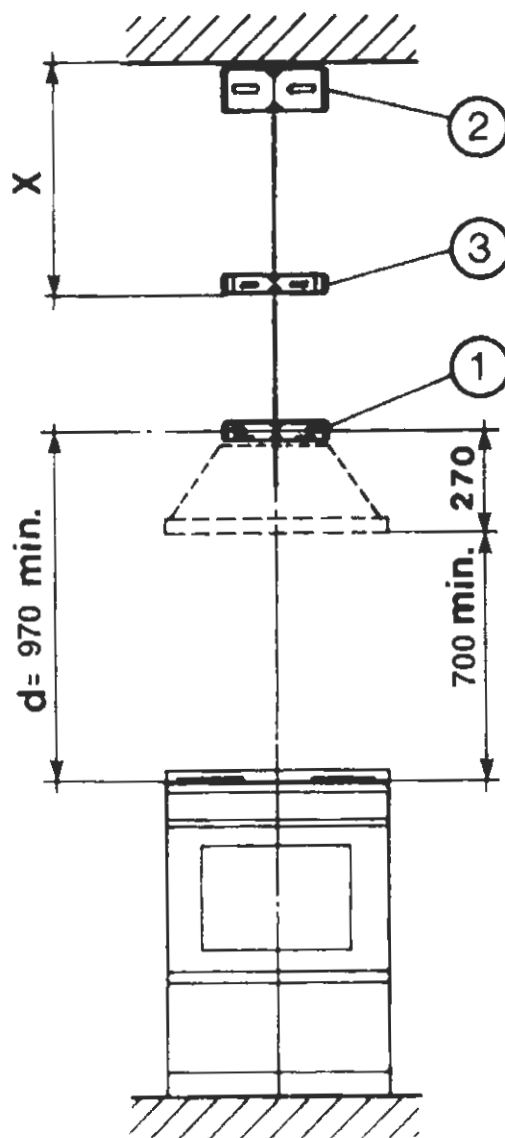


WALL FIXING BRACKET 1

Draw a vertical line on the wall from the centre of the cooking appliance up to the ceiling, using a spirit level and marking pen. This is to ensure the correct vertical alignment of the appliance.

Draw a horizontal line through the vertical at **970mm** (700+270mm). Place the **canopy fixing bracket (1)** against the wall centrally over the vertical line as illustrated opposite. Then using a spirit level to ensure the bracket is level and a marker pen mark the hole positions for the fixing screws.

Drill the holes using an 8mm masonry bit and fix the bracket using the rawl plugs and screws provided.



INSTALLING THE COOKER HOOD

WALL FIXING BRACKET 2

Place the ceiling **chimney fixing bracket (2)** against the wall centrally over the vertical line as illustrated, approximately 2mm from the ceiling. Then using a spirit level ensure the bracket is level and a marker pen to mark the hole positions for the fixing screws.

Drill the holes using a 8mm masonry bit and fix the bracket using the rawl plugs and screws provided.

WALL FIXING BRACKET 3

Place the **chimney fixing bracket (3)** against the wall at **X**. The distance **X** must equal the height of the upper chimney section **S**, (this can vary according to the different heights of upper chimney available). Then using a spirit level ensure the bracket is level and a marker pen to mark the hole positions for the fixing screws.

Drill the holes using a 8mm masonry bit and fix the bracket using the rawl plugs and screws provided.

FITTING THE CANOPY

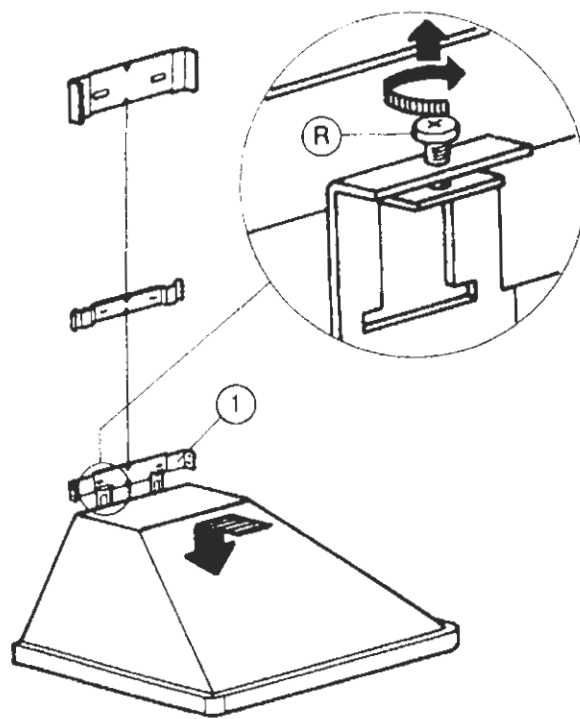
Rotate the adjusting screws **(R)** on the canopy **(C)** to about halfway.

Hook the canopy **(C)**, onto the wall fixing bracket **(1)** and push down until the canopy adjusting screws **(R)** rest on the lugs.

To align or adjust the height of the canopy, use the two adjustment screws **(R)**.

ELECTRICAL CONNECTION

Before fitting the chimney to the canopy make the electrical connection as described in the section titled "**ELECTRICAL CONNECTION**". When the electrical connection has been made, test the three speed fan and worktop fluorescent light.



INSTALLING THE COOKER HOOD

FITTING THE DUCTING

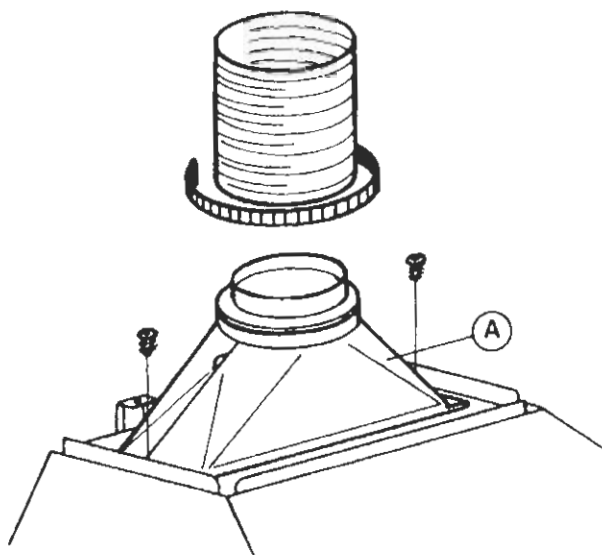
The hood is more effective when used in the extraction mode (ducted to the outside).



The ducting used must be 120, or 125mm (5ins), manufactured from fire retardant material conforming to BS.476, or DIN.4102-B1. We recommend the use of rigid flat channel ducting (see attached order form) for runs of over 1 metre and flexible ducting only for short runs or as an accessory.

The 120 to 125mm ducting collar (supplied) should be fitted onto the ducting spigot when 125mm diameter ducting is fitted, and held in position by a jubilee clip (not supplied), or fire retardant tape used when securing the flexible hose.

When the cooker hood is ducted to the outside the (optional) charcoal filter is not required.



RECIRCULATION

When installed in the filtered (recycling) mode air enters the cooker hood through the grease filter cassettes and is purified by the (optional) cleansing charcoal filter before being passed out through two grilles, located on either side of the lower chimney stack, back into the kitchen as illustrated.

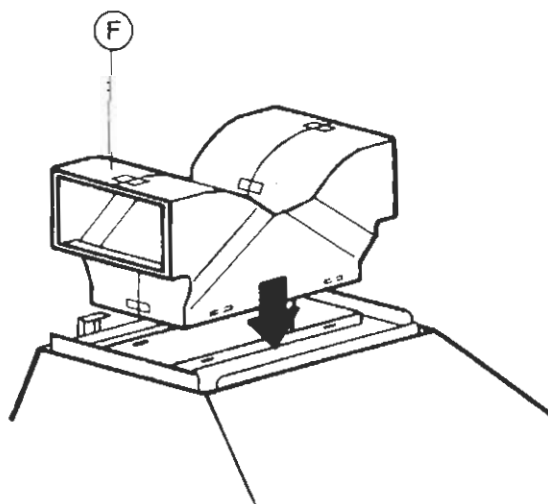
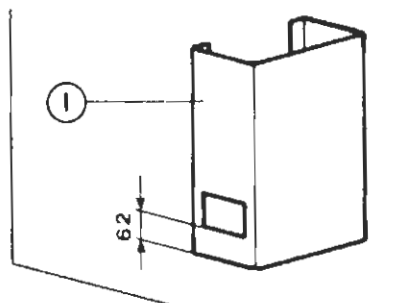


The two venting grilles should not be fitted into the chimney stack until the chimney has been installed.

FITTING THE RECIRCULATION SPIGOT

Connect the recycling spigot (F) to the air outlet spigot on top of the canopy ensuring that the lugs are properly located in the holes in the metal frame around the hole in the canopy.

Fit the (optional) charcoal filter inside the hood.



INSTALLING THE COOKER HOOD

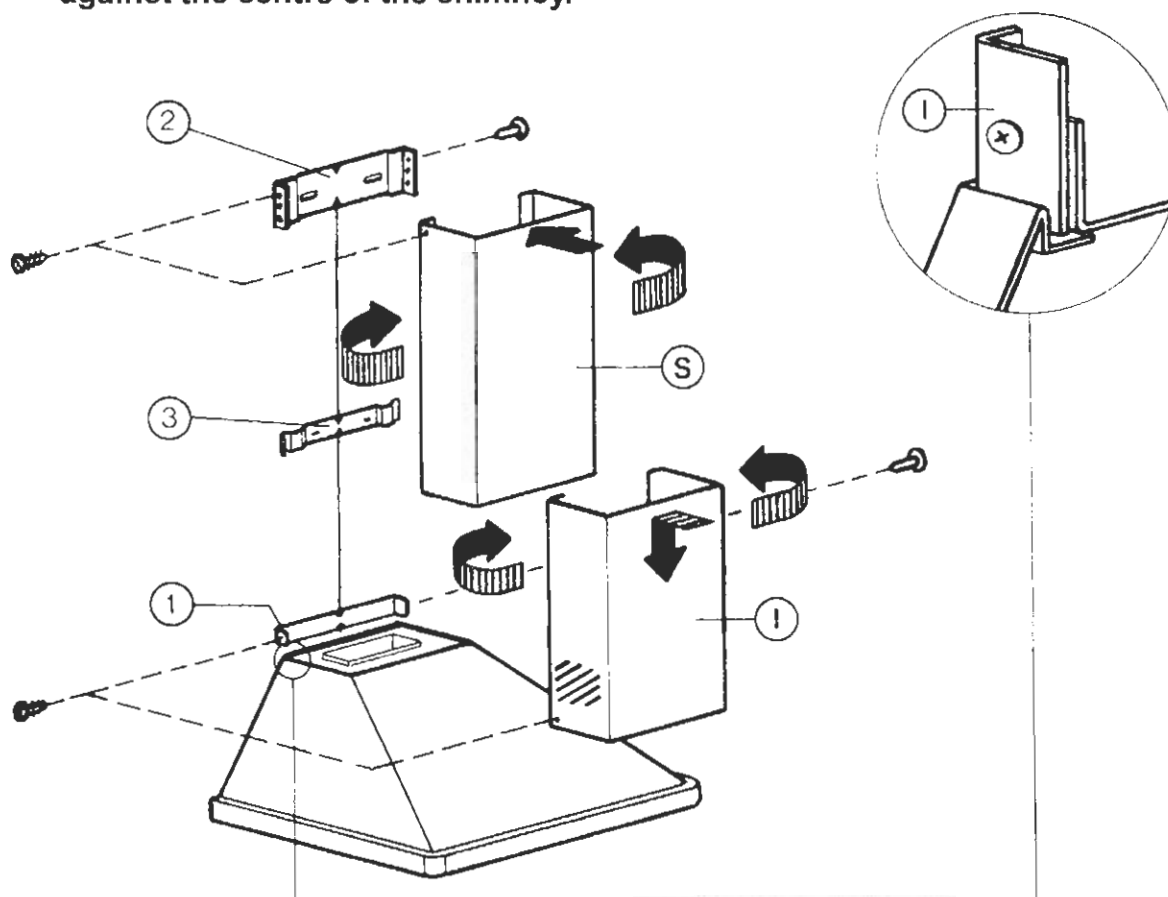
FITTING THE CHIMNEY STACK

When the telescopic chimney stack is fitted the hood can be used either in the ducted (evacuation) or filtered (recycling) mode.

Sleeve the **upper chimney section (S)** over bracket **(3)** and ceiling bracket **(2)**, and then secure the chimney stack to bracket **(2)** using two self tapping screws provided in the fitting kit as illustrated.

Sleeve the **lower chimney section (I)** over the **upper chimney section (S)** and slide it down onto the flange around the top of the canopy and secure it using two self tapping screws (provided in the fixing kit) as illustrated in the close up.

 **The upper chimney (S) and lower chimney (I) are fixed to the middle wall bracket (3) by the natural force of the metal, and the over lapping of the sections by vigorously pushing against the centre of the chimney.**



INSTALLING THE COOKER HOOD

FITTING THE RECIRCULATION GRILLES

The snap-fit recirculation grilles should be fitted one to each side of the chimney stack with the arrows pointing upwards and forwards as illustrated.

