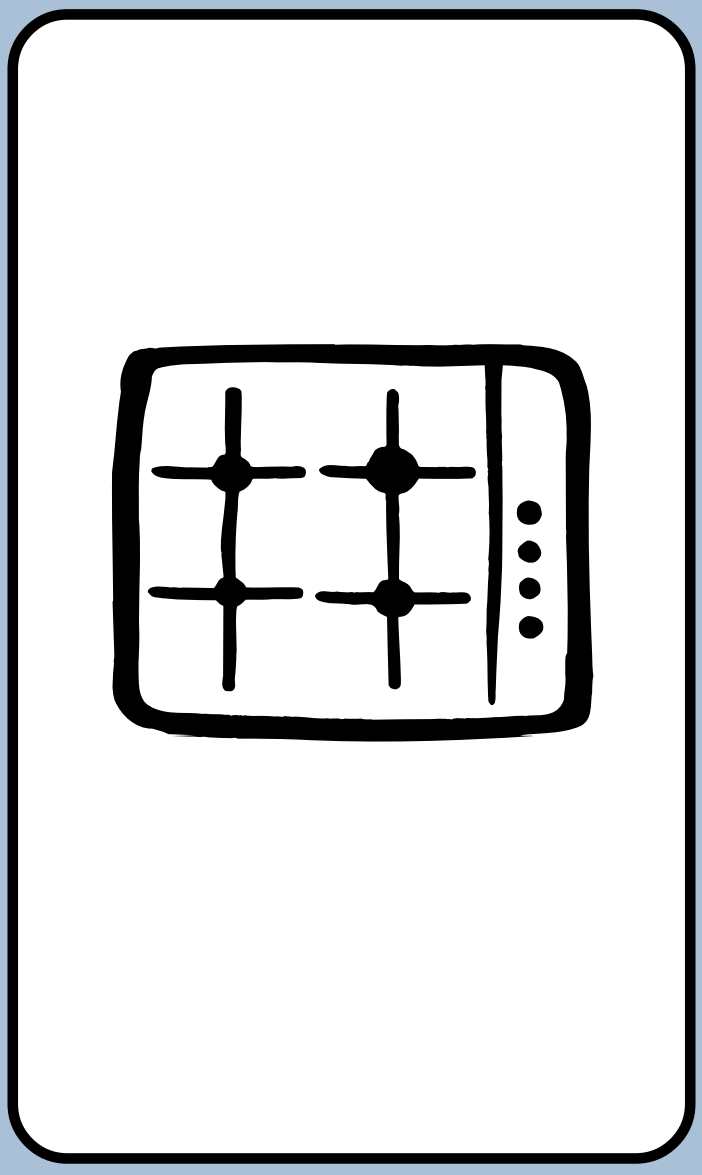
Gas hobs

INSTRUCTION BOOKLET

Please read this instruction booklet before using the appliance



Mod. EHG 673 - EHG 680

35675-8201

Electrolux

GB

⚠ Important Safety Information



You MUST read these warnings carefully before installing or using the hob. If you need assistance, contact our Customer Care Department on 08705 950950

Installation

- This hob must be installed by qualified personnel, according to the manufacturer's instructions and to the relevant British Standards.
- Any gas installation must be carried out by a registered CORGI installer.
- Remove all packaging before using the hob.
- Ensure that the gas and electrical supply complies with the type stated on the rating plate, located near the gas supply pipe.
- Do not attempt to modify the hob in any way.

Child Safety

- This hob is designed to be operated by adults. Do not allow children to play near or with the hob.
- The hob gets hot when it is in use.
- Children should be kept away until it has cooled.
- Children can also injure themselves by pulling pans or pots off the hob.

During Use

- This hob is intended for domestic cooking only. It is not designed for commercial or industrial purposes.
- When in use a gas cooking appliance will produce heat and moisture in the room in which it has been installed. Ensure there is a continuous air supply, keeping air vents in good condition or installing a cooker hood with a venting hose.
- When using the hob for a long period of time, the ventilation should be improved, by opening a window or increasing the extractor speed.
- Do not use this hob if it is in contact with water. Do not operate the hob with wet hands.
- Ensure the control knobs are in the 'OFF' position when not in use.
- When using other electrical appliances, ensure the cable does not come into contact with the hot surfaces of the cooking appliance.
- Unstable or misshapen pans should not be used on the hob as unstable pans can cause an accident by tipping or spillage.
- Never leave the hob unattended when cooking with oil and fats.
- Never use plastic or aluminium foil dishes on the hob.
- Perishable food, plastic items and areosols may be affected by heat and should not be stored above or below the hob unit.

Service

- This hob should only be repaired or serviced by an authorised Service Engineer and only genuine approved spare parts should be used.

Environmental Information

- After installation, please dispose of the packaging with due regard to safety and the environment.
- When disposing of an old appliance, make it unusable, by cutting off the cable.

Keep this instruction book for future reference and ensure it is passed on to any new owner.

Guide to Use the instructions

The following symbols will be found in the text to guide you throughout the Instructions:

⚠ Safety Instructions

☞ Step by step instructions for an operation

ⓘ Hints and Tips

Enviromental information

CE This appliance complies with the following **E.E.C. Directives:**

- **73/23 - 90/683** (Low VoltageDirective);
- **93/68** (General Directives);
- **89/336** (Electromagnetical Compatibility Directive)**;**
- **90/396** (Gas Appliances)**,**

and subsequent modifications

Contents

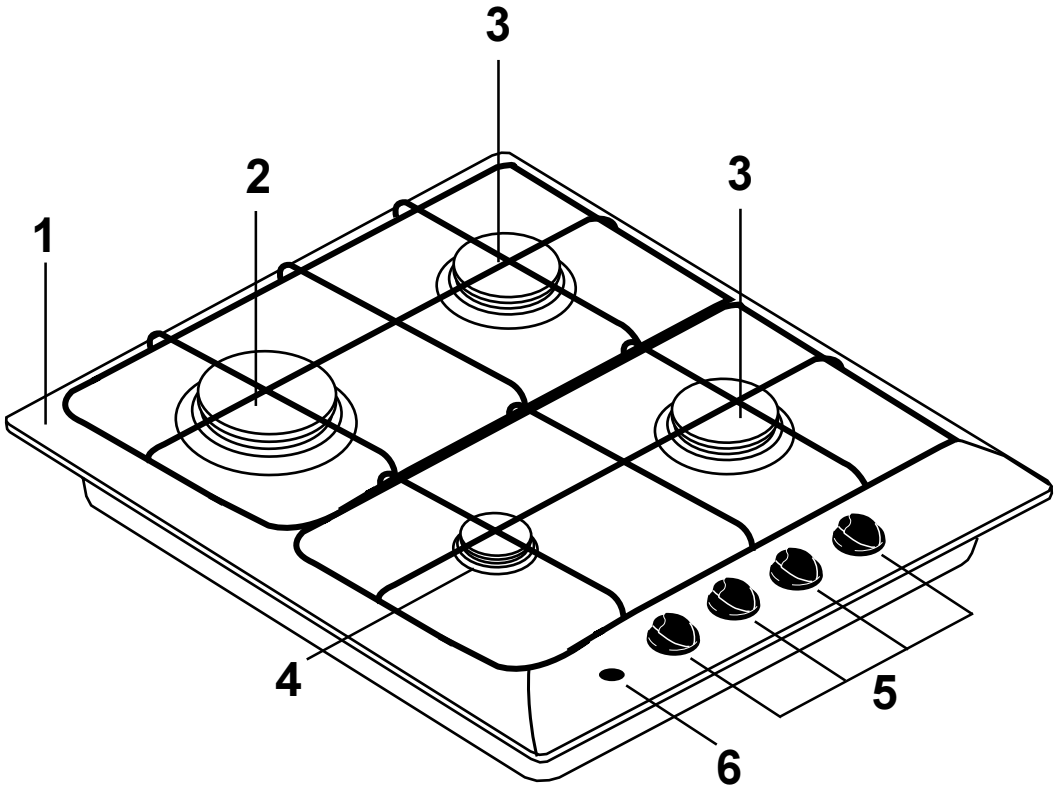
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Description of the Hob



1. Hob Top
2. Rapid Burner
3. Semi-rapid Burners
4. Auxiliary Burner
5. Control knobs
6. Electric Ignition Push Button

Operation

Hob Burners

☞ To light a burner:
- push the electric ignition pushbutton which is marked by a little spark;
- at the same time turn the relevant control knob anticlockwise to maximum position;
- then adjust the flame as required.

If the burner does not ignite, turn the control knob to zero, and try again.
To ensure maximum burner efficiency, you should only use pots and pans with a flat bottom fitting the size of the burner used (see table).

Burner	minimum diameter	maximum diameter
Large (rapid)	180 mm.	260 mm.
Medium (semi-rapid)	120 mm.	220 mm.
Small (Auxiliary)	80 mm.	160 mm.

⚠ If you use a saucepan which is smaller than the recommended size, the flame will spread beyond the bottom of the vessel, causing the handle to overheat.

ⓘ As soon as a liquid starts boiling, turn down the flame so that it will barely keep the liquid simmering.

⚠ ***Take care when frying food in hot oil or fat, as the overheated splashes could easily ignite.***

ⓘ If the control knobs become difficult to turn, please contact your local Electrolux Service Centre.

Maintenance and Cleaning

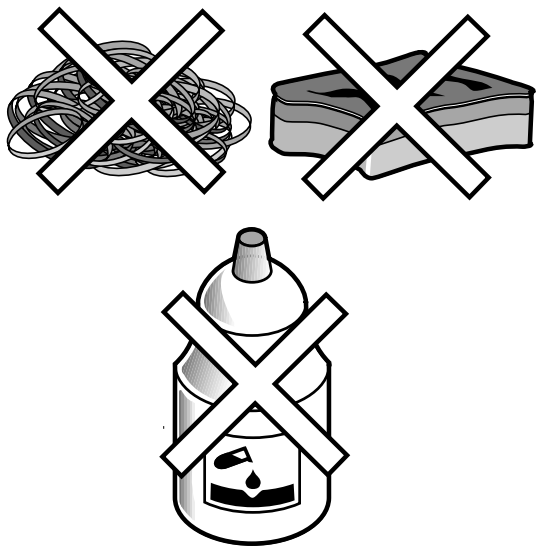
⚠ Before any maintenance or cleaning can be carried out, you must **DISCONNECT** the hob from the electricity supply.

ⓘ The hob is best cleaned whilst it is still warm, as spillage can be removed more easily than if it is left to cool.

The Hob Top

Regularly wipe over the hob top using a soft cloth well wrung out in warm water to which a little washing up liquid has been added. Avoid the use of the following:
- household detergent and bleaches;
- impregnated pads unsuitable for non-stick saucepans;
- steel wool pads;
- bath/sink stain removers.

Should the hob top become heavily soiled, it is recommended that a cleaning product such as Hob Brite or Bar Keepers Friend is used.



Pan Supports

The pan supports are dishwasher proof. If washing them by hand, take care when drying them as the enamelling process occasionally leaves rough edges. If necessay, remove stubborn stains using a paste cleaner.

The Burners

The burner caps and crowns can be removed for cleaning. Wash the burner caps and crowns using hot soapy water, and remove marks with a mild paste cleaner. A well moistened soap impregnated steel wool pad can be used with caution, if the marks are particularly difficult to remove.
After cleaning, be sure to wipe dry with a soft cloth.

Something Not Working?

If the hob is not working correctly, please carry out the following checks before contacting your local Service Force Centre.
IMPORTANT: If you call out an engineer to a fault listed below, or to repair a fault caused by incorrect use or installation, a charge will be made even if the appliance is under guarantee.

SYMPTOM	SOLUTION
■ There is no spark when lighting the gas	◆ Check that the unit is plugged in and the electrical supply is switched on ◆ Check that the RCCB has not tripped (if fitted) ◆ Check the mains fuse has not blown ◆ Check the burner cap and crown have been replaced correctly, e.g. after cleaning.
■ The gas ring burns unevenly	◆ Check the main jet is not blocked and the burner crown is clear of food particles. ◆ Check the burner cap and crown have been replaced correctly, e.g. after cleaning.

If after all these checks, your hob still does not operate correctly, contact your local Service Force Centre.

Please note that it will be necessary to provide proof of purchase for any in-guarantee service calls.

In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Service and Spare Parts

SERVICE FORCE

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Electrolux Service Force Centre by telephoning:

0870 5 929929

Your telephone call will be automatically routed to the Service Force Centre covering your post code area. The addresses are listed on the following pages.

Before calling out an engineer, please ensure you have read the details under the heading “Something Not Working.”

When you contact the Service Force Centre you will need to give the following details:
1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of the fault
4. The model and serial number of the appliance (found on the rating plate)
5. The purchase date

Customer Care Department

For general enquiries concerning your Electrolux appliance or for further information on Electrolux products, please contact our Customer Care Department by letter or telephone at the address below

Customer Care Department

ELECTROLUX
55-77 High Street
Slough
Berkshire
SL1 1DZ
Tel. 08705 950950 (*)

* calls to this number may be recorded for training purposes.

Guarantee Conditions

Electrolux Guarantee conditions

We, Electrolux, undertake that if, within 12 months of the date of the purchase, this Electrolux appliance or any part thereof is proved to be defective by any reason only of faulty workmanship or materials, we will, at our option, repair or replace the same FREE OF ANY CHARGE for labour, materials or carriage on condition that:

* The appliance has been correctly installed and used only on the gas and electricity supply stated on the rating plate.
* The appliance has been used for normal domestic purpose only, and in accordance with the manufacturer's instructions.
* The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
* All service work under this guarantee must be undertaken by a Electrolux Service Centre.
* Any appliance or defective part replaced shall become the Company's property.
* This guarantee is in addition to your statutory and other legal rights.

Home visits are made between **8.30am and 5.30pm** Monday to Friday**.** Visits may be available outside these hours, in which case a **premium** will be charged.

Exclusions

This guarantee does not cover:

* Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
* Costs incurred for calls to put right an appliance which is improperly installed or calls to appliance outside the United Kingdom.
* Appliances found to be in use within a commercial or similar environment, plus those which are the subject to rental agreements.
* Products of Electrolux manufacture which are not marketed by Electrolux.

European Guarantee

If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

* The guarantee starts from the date you first purchased your product.
* The guarantee is for the same period and to the same extent for labour and parts as exist in the new country of use for this brand or range of products.
* This guarantee relates to you and cannot be transferred to another user.
* Your new home is within the European Community (EC) or European Free Trade Area.
* The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household
* The product is installed taking into account regulations in your new country.

Before you move, please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0) 3 44 62 20 13
Germany	Nürnberg	+49 (0) 800 234 7378
Italy	Pordenone	+39 (0) 800 117511
Sweden	Stockholm	+46 (0) 20 78 77 50
UK	Slough	+44 (0)1753 219898

SERVICE FORCE

To contact your local Service Force Centre telephone 08705 929 929

CHANNEL ISLANDS

GUERNSEY	Guernsey Electricity PO Box 4 Vale, Guernsey Channel Islands GY1 3AD
JERSEY	Jersey Electricity Company Haut De L'orme Rue De Haut De L'orme Trinity Jersey Channel Islands JE3 5FG

SCOTLAND

ABERDEEN	54 Claremont Street Aberdeen AB10 6RA
AUCHTERMUCHTY	33a Burnside Auchtermuchty Fife KY14 7AJ
BLANTYRE	Unit 5 Block 2 Auchenraith Ind. Estate Rosendale Way Blantyre G72 0NJ
DUMFRIES	93 Irish Street Dumfries DG1 2 PQ
DUNOON	7 Hill Street Dunoon Argyll PA23 7AL
EDINBURGH	Unit 12 Dumbryden Ind. Estate 2 Dumbryden Road Edinburgh EH14 2AB
GLASGOW	Unit 4 Wellington Road Bishopriggs Glasgow G64 2SA
INVERNESS	Unit 3BI Smithton Ind. Estate Smithton Inverness IV2 7WL
ISLE OF ARRAN	Arran Domestics The Douglas Centre Brodick Isle of Arran KA27 8AJ
ISLE OF BARRA	J Zerfah 244 Bruernish Isle of Barra Western Islands HS9 5QY
ISLES OF BUTE	Walker Engineering Glenmhor Upper Serpentine Road Rothesay Isle of Bute PA20 9EH
ISLE OF LEWIS	ND Macleod 16 James Street Stornoway Isle of Lewis PA87 2QW
KELSO	2, 6 & 8 Woodmarket Kelso Borders TD5 7AX
ORKNEY	7 King Street Kirkwall Orkney KW15 1JF
PERTH (OWN SALES)	Scottish Hydro Electric Central Warehouse Inveralmond Perth PH1 3AF
SHETLAND (OWN SALES)	3-4 Carlton Place Lerwick Shetland ZE1 0PW
SHETLAND (OWN SALES)	Bolts Shetland 26 North Road Lerwick Shetland ZE1 0PE
WHALSAY (OWN SALES)	Leask Electrical Harisdale Symbister, Whalsay Shetland ZE2 9AA

NORTHERN IRELAND

BELFAST	Owenmore House Kilwee Business Park Dunmurry Belfast BT17 0HD

WALES

CARDIFF	Unit 4 Guardian Industrial Estate Clydesmuir Road Cardiff CF2 2QS
CLYWD	Unit 6-7 Coed Parc Abergele Road Rhuddlan Clwyd LL18 5UG
DYFED	Unit 9 St. Clears Business Park Tenby Road St. Clears Carmarthen SA33 4JW
OSWESTRY	Plas Ffynnon Warehouse Middleton Road Oswestry SY11 2PP

NORTH EAST

GATESHEAD	Unit 356a Dukesway Court Dukesway Gateshead NE11 0BH
GRIMSBY	15 Hainton Avenue Grimsby N. E. Lincs DN32 9AS
HULL	Unit 1 Boulevard Industrial Estate Hull HU3 4AY
LEEDS	64-66 Cross Gates Road Cross Gates Leeds LS15 7YS
NEWTON AYCLIFFE	Unit 23 Northfield Way Aycliffe Industrial Park Newton Aycliffe DL5 6EJ
SHEFFIELD	Pennine House Roman Ridge Road Sheffield S9 1GB

NORTH WEST

BIRKENHEAD	1 Kelvin Park Dock Road Birkenhead CH41 1LT
CARLISLE	Unit 7 James Street Workshops James Street Carlisle Cumbria CA2 5AH
ISLE OF MAN	South Quay Ind. Estate Douglas Isle of Man IM1 5AT
BOLTON	Unit B Central Industrial Estate St Marks Street Bolton BL3 6NR
PRESTON	Unit 250 Dawson Place Bamber Bridge Preston Lancashire PR5 8AL
STOCKPORT	Unit 20 Haigh Park Haigh Avenue Stockport SK4 1QR

SERVICE FORCE

To contact your local Service Force Centre telephone 08705 929 929

MIDLANDS

BIRMINGHAM	66 Birch Road East Wyrley Trading Estate Witton Birmingham B6 7DB
BOURNE	Pinfold Road Bourne PE10 9HT
BRIDGNORTH	68 St. Mary's Street Bridgnorth Shropshire WV16 4DR
GLOUCESTER	101 Rycroft Street Gloucester GL1 4NB
HEREFORD	Units 3 & 4 Bank Buildings Cattle market Hereford HE4 9HX
HIGHAM FERRERS	30 High Street Higham Ferrers Northants NN10 8PL
ILKESTON	Unit 2 Furnace Road Ilkeston DE7 5EP
LEICESTER	Unit 7 Oaks Industrial Estate Coventry Road Narborough Leicestershire LE9 5GF
LINCOLN	Unit 8 Clifton Street Stone Field Park Lincoln LN5 8LQ
NEWCASTLE UNDER LYME	18-21 Croft Road Brampton Ind. Estate Newcastle under Lyme Staffordshire ST5 0TW
REDDITCH	13 Thornhill Road North Moons Moat Redditch Worcestershire B98 9ND
TAMWORTH	Unit 3 Sterling Park Claymore Tamworth B77 5DQ
WORCESTER	Units 1 & 2 Northbrooks Close Gregorys Mill Ind. Estate Worcester WR3 8BP

LONDON & EAST ANGLIA

BECKENHAM	11a Gardner Ind. Estate Kent House Lane Beckenham Kent BR3 1QZ
CHELMSFORD	Hanbury Road Widford Ind. Estate Chelmsford Essex CM12 3AE
COLINDALE	Unit 14 Capitol Park Capitol Way Colindale London NW9 0EQ
ELTHAM	194 Court Road Mottingham Eltham London SE9 4EW
ENFIELD	284 Alma Road Enfield London EN3 7BB
GRAVESEND	Unit B4 Imperial Business Estate West Mill Gravesend Kent DA11 0DL
IPSWICH	Unit 6C Elton Park Business Centre Hadleigh Road Ipswich IP2 0DD
LETCHWORTH	16-17 Woodside Ind. Park Works Road Letchworth Herts SG6 1LA
LONDON	2 - 4 Royal Lane Yiewsley West Drayton Middlesex UB7 8DL
MAIDENHEAD	Reform Road Maidenhead Berkshire SL6 8BY
MOLESEY	10 Island Farm Avenue West Molesey Surrey KT8 2UZ
NEWBURY	9 Pipers Court Berkshire Drive Thatcham Berkshire RG19 4ER
NORWICH	2b Trafalgar Street Norwich NR1 3HN
SUNBURY	Unit 1a The Summit Hanworth Road Sunbury on Thames TW16 5DB

SOUTH EAST

ASHFORD	Unit 2 Bridge Road Business Centre Bridge Road Ashford Kent TN23 1BB
FLEET	Unit 1 Redfields Ind. Estate Church Crookham Fleet Hampshire GU13 0RD
HAYWARDS HEATH	21-25 Bridge Road Haywards Heath Sussex RH16 1UA
TONBRIDGE	Unit 30 Deacon Trading Estate Morley Road Tonbridge TN9 1RA

SOUTH WEST

BARNSTAPLE	Main Road Fremington Barnstaple North Devon EX31 2NT
BOURNEMOUTH	63-65 Curzon Road Bournemouth Dorset BH1 4PW
BRIDGEWATER	6 Herswell Business Park Salmon Parade Bridgwater Somerset TA6 5PY
BRISTOL	11 Eldon Way Eldonwall Trading Estate Bristol BS4 3QQ
EMSWORTH	266 Main Road Southbourne Emsworth PO10 8JL
ISLE OF WIGHT	Unit 8 Enterprise Court Ryde Business Park Ryde Isle of Wight PO33 1DB
NEWTON ABBOT	Unit 2 Zealley Ind. Estate Kingsteignton Newton Abbot TQ12 3TD
REDRUTH	Unit 7D Pool Ind. Estate Druids Road Redruth Cornwall TR15 3RH

Instructions for the Installer

Engineers technical data

Overall dimensions

Width: 580 mm.
Depth: 500 mm.

Cut out dimensions

Width: 550 mm.
Depth: 470 mm.

Supply connections

Gas:
RC 1/2 inch (1/2 inch male) Rear right hand corner

Electric:
230-240V 50Hz supply, 3 core flexible cable with non rewireable plug fitted with a 3 amp cartridge fuse.

Ignition HT Spark

Spark Generator: Ispra Control's BF 50066 - 230-240V 0.6 YA T 120
Spark Gap: Fixed

Rear Left Burner (semi-rapid)
Heat Input: 2.0 kW (6824 BTU/HR)

Front Left Burner (rapid)
Heat Input: 3.0 kW (10236 BTU/HR)
2.8 kW L.P.G. (9554 BTU/HR)

Rear Right Burner (semi-rapid)
Heat Input: 2.0 kW (6824 BTU/HR)

Front Right Burner (auxiliary)
Heat Input: 1.0 kW (3412 BTU/HR)

TYPE OF GAS	Characteristics	BURNER	RAPID (large)		SEMI-RAPID (medium)		AUXILIARY (small)	
		POSITION	MAX	MIN	MAX	MIN	MAX	MIN
NATURAL GAS 20 mbar	VALUE = 37.78 MJ/m³ Ws - 50.7 MJ/ m³	NOMINAL THERMAL POWER (kW)	3.0	0.65	2.0	0.45	1.0	0.33
		NOMINAL FLOW RATE (m³/h)	0.286	0.062	0.190	0.043	0.095	0.031
		NOZZLE REFERENCE (1/100 mm)	119	Adjust.	96	Adjust.	70	Adjust.
LPG GAS 28-30/37 mbar	VALUE = 49.92 MJ/Kg	NOMINAL THERMAL POWER (kW)	2.8	0.65	2.0	0.45	1.0	0.33
		NOMINAL FLOW RATE (g/h)	202	47	144	32	72	24
		NOZZLE REFERENCE (1/100 mm)	86	40	71	32	50	28

Burner	Dia. Tap By-pass 1/100 mm
Auxiliary	28
Semi-rapid	32
Rapid	40
Aeration adjustment	none

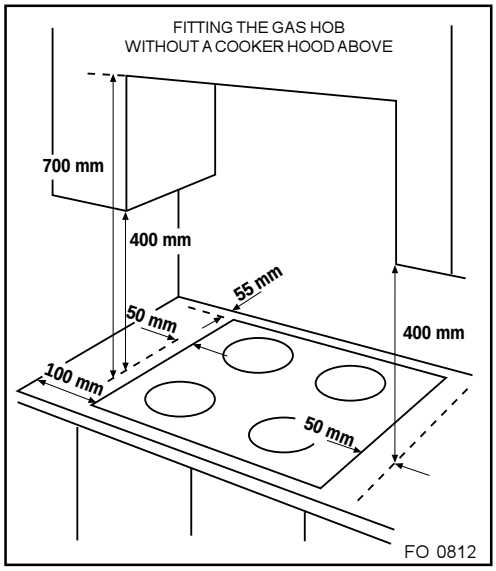
APPLIANCE CLASS: 3

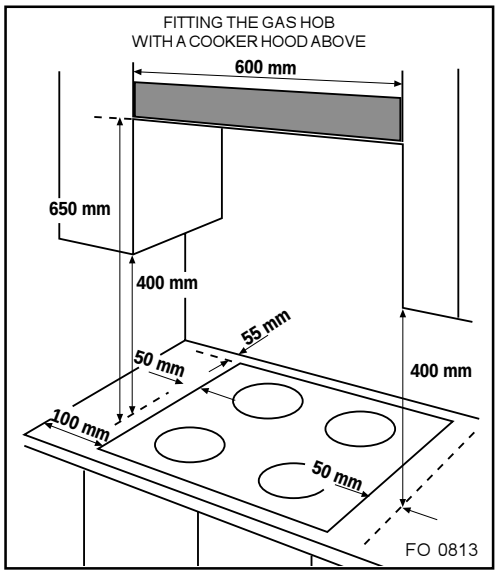
APPLIANCE CATEGORY: II2H3+

APPLIANCE GAS SUPPLY: Natural gas G20 / 20mbar

Important safety requirements

This hob must be installed in accordance with the Gas Safety (Installation and Use) Regulations (Current Edition) and the IEE Wiring Regulations (Current Edition).
Detailed recommendations are contained in the following British Standards Codes Of Practice: B.S. 6172/ B.S. 5440, Part 2 and B.S. 6891 Current Editions.
The hob should not be installed in a bed sitting room with a volume of less than 20 m^3. If it is installed in a room of volume less than 5 m^3 an air vent of effective area of 110 cm^2 is required. If it is installed in a room of volume between 5 m^3 and 10 m^3 an air vent of effective area of 50 cm^2 is required, while if the volume exceeds 11 m^3 no air vent is required.
However, if the room has a door which opens directly to the outside no air vent is required even if the volume is between 5 m^3 and 11 m^3.
If there are other fuel burning appliances in the same room, B.S. 5440 Part 2 Current Edition, should be consulted to determine the requisite air vent requirements.





Location

The hob may be located in a kitchen, a kitchen/diner or bed sitting room, but not in a bathroom, shower room or garage.
Before making the cut out in the worktop ensure that the edges of the hob that are to be near either a side or rear wall have a minimum distance of 55 mm. between the edge of the hob and the wall.
The minimum distance combustible material can be fitted above the hob is 400 mm. If it is fitted below 400 mm. a space of 50 mm. must be allowed from the edges of the hob.
The minimum distance combustible material can be fitted directly above the hob is 700 mm.
A minimum distance of 100 mm. must be left between the side edges of the hob and any adjacent cabinets or walls.

Installation

IMPORTANT

This hob must be installed by **qualified personnel** to the relevant British Standards.

Any gas installation must be carried out by a registered CORGI installer.

The manufacturer will not accept liability, should the above instructions or any of the other safety instructions incorporated in this book be ignored.

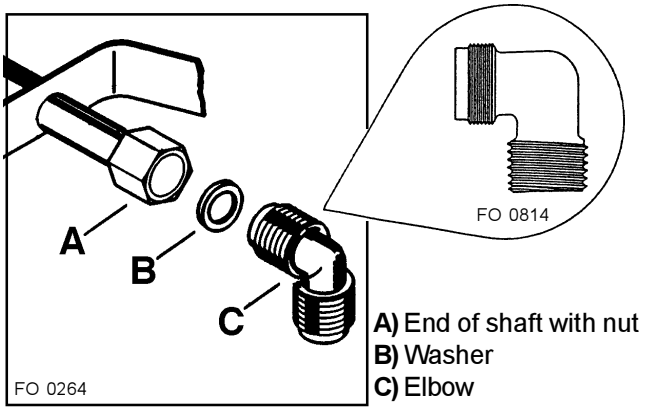
WHEN THE HOB IS FIRST INSTALLED

Once the hob has been installed, it is important to remove any protective materials, which were put on in the factory.

On the end of the shaft, which includes the GJ 1/2" threaded elbow, adjustment is fixed so that the washer is fitted between the components as shown in the diagram. Screw the parts together without using excessive force.

Gas Connection

Connection to the gas supply should be with either rigid or semi-rigid pipe, i.e. steel or copper.
The connection should be suitable for connecting to RC 1/2 (1/2 BSP male thread).
When the final connection has been made, it is essential that a thorough leak test is carried out on the hob and installation.
Ensure that the main connection pipe does not exert any strain on the hob.



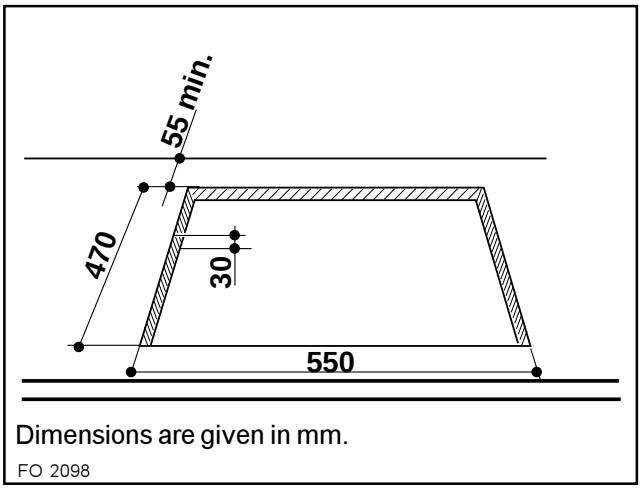
A) End of shaft with nut
B) Washer
C) Elbow

It is important to install the elbow correctly, with the shoulder on the end of the thread, fitted to the hob connecting pipe.
Failure to ensure the correct assembly will cause leakage of gas.

Cut Out Size

The dimensions of the cut-out are given in the diagram.

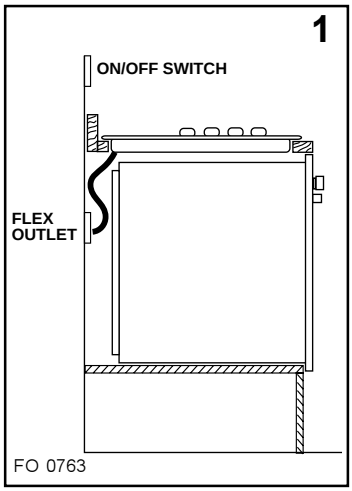
Rectangular cut-out size for hob



Building In

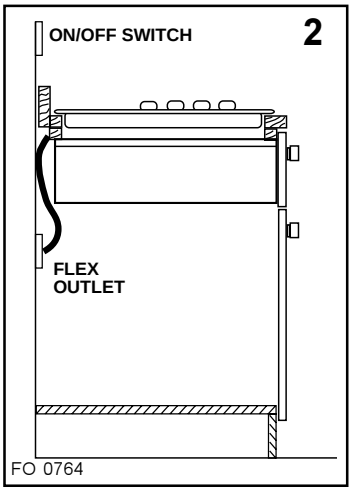
Building over a cupboard or drawer

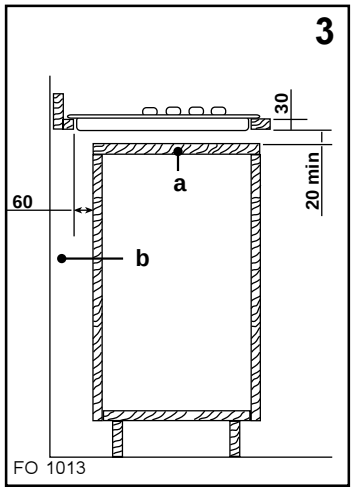
If the hob is to be installed above a cupboard or drawer it will be necessary to fit a heat resistant board below the base of the hob on the underside of the work surface.
It is also recommended to carry out the electrical connection to the hob as shown in diagrams 1 and 2.



Building over a kitchen unit with door

Proper arrangements must be taken in designing the furniture unit, in order to avoid any contact with the bottom of the hob which can be heated when it is operated. The recommended solution is shown in diagram 3.
The panel fitted under the hob ("a") should be easily removable to allow easy access if technical assistance is needed. The space behind the kitchen unit ("b") can be used for connections.





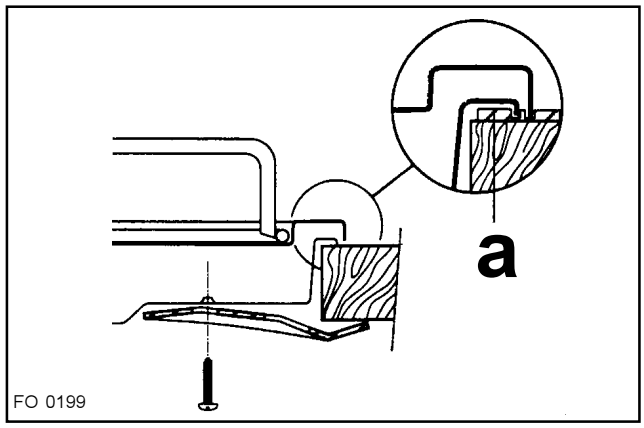
Dimensions are given in mm.

Fitting the Hob into the worktop

Carry out the building in of the hob as follows:

- put the seals supplied with the hob, on the edges of the cut out: place them exactly on the front and rear edge and at 50 mm. from the side edges, taking care that the seals meet without overlapping;
- place the hob in the cut out, taking care that it is centred;
- fix the hob with the relevant fixing clamps and screws, as shown in the diagram. When the screws have been tightened, the excess seal can be removed.

The edge of the hob forms a double seal which prevents the ingress of liquids.



a) Sealing gasket

Electrical connections

Any electrical work required to install this hob should be carried out by a qualified electrician or competent person, in accordance with the current regulations.

THIS HOB MUST BE EARTHED.

The manufacturer declines any liability should these safety measures not be observed.

This hob is designed to be connected to a 230-240V 50Hz AC electrical supply.

Before switching on, make sure the electricity supply voltage is the same as that indicated on the hob rating plate. The rating plate is located on the bottom of the hob. A copy is attached on the back cover of this book.

The hob is supplied with a 3 core flexible supply cord incorporating a 3amp plug fitted. In the event of having to change the fuse, a 3amp ASTA approved (BS 1362) fuse must be used.

Should the plug need to be replaced for any reason, the wires in the mains lead are coloured in accordance with the following code:

Green and Yellow - Earth
Blue - Neutral
Brown - Live

— Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter 'E' or the earth symbol ⏚ or coloured green and yellow.

— Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter 'N' or coloured black.

— Connect the brown (live) wire to the terminal in the plug which is marked with the letter 'L' or coloured red.

Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. Ensure that the cut off plug is disposed of safely.

Permanent Connection

In the case of a permanent connection, it is necessary that you install a double pole switch between the hob and the electricity supply (mains), with a minimum gap of 3 mm. between the switch contacts and of a type suitable for the required load in compliance with the current electric regulations.

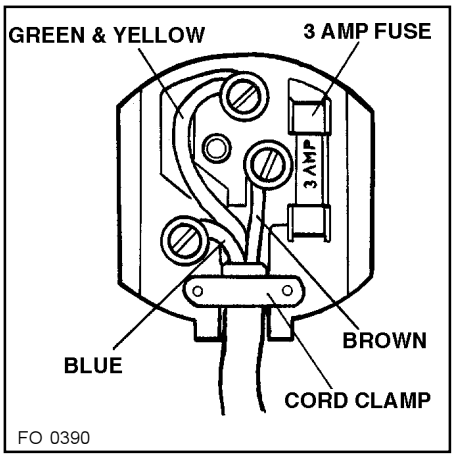
The switch must not break the yellow and green earth cable at any point.

Ensure that the hob supply cord does not come into contact with surfaces with temperatures higher than 50 deg. C.

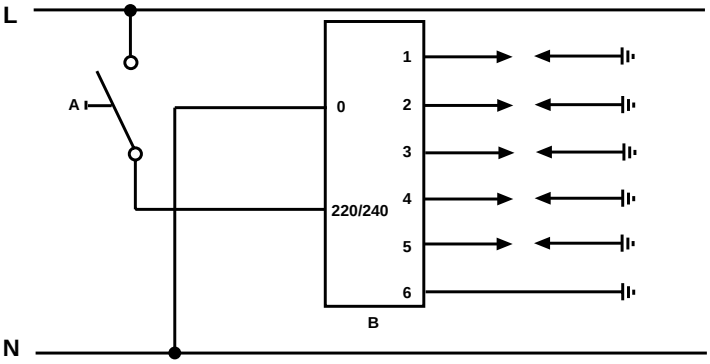
Supply cable replacement

The cable used to connect the hob to the electrical supply must comply to the specifications given below.

Min. size Cable/flex	Cable / flex type	Fuse
0.75 mm^2	H05 V2V2-F (T90)	3 A



Wiring Diagram

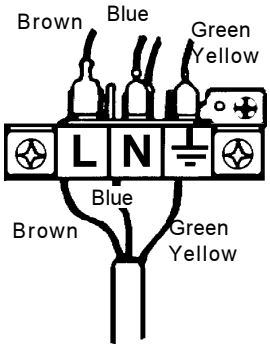


A. IGNITOR SWITCH

B. IGNITOR UNIT

Fault Finding

Preliminary Electrical Systems Check



START
Isolate appliance and carry out:
A: Earth Continuity check.

NO **YES**

Carry out:
C: Polarity check.

Carry out:
D: Resistance to Earth check.

Electricity supply should now be satisfactory.

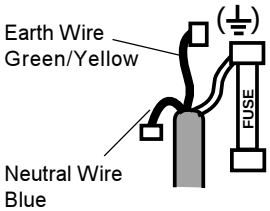
Has inlet fuse blown?

NO **YES**

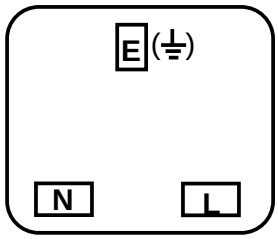
Inlet wiring faulty. Rectify any fault.

Isolate appliance and carry out:
B: Insulation check.
Rectify any fault including replacing fuses as necessary.

PLUG (with cover removed)



SOCKET (face view)



A. EARTH CONTINUITY CHECK - Appliance must be electrically disconnected - meter set on Ω (Ohms) x 1 scale and adjust zero if necessary.

a) Test leads from any appliance earth point to earth pin on plug. Resistance should be less than 0.1 Ω (Ohm), check all earth wires for continuity and all contacts are clean and tight.

B. INSULATION CHECK - Appliance electrically disconnected, all switches ON.

a) meter set on Ω (Ohms) x 1 scale.
Test leads from L to N in appliance terminal block. If meter reads «0» then there is a short circuit.

b) meter set on Ω (Ohm) x 100 scale.
Repeat test with leads from L to E. If meter reads less than ∞ (infinity) there is a fault.

NOTE - Should it be found that the fuse has failed but no fault is indicated - a detailed continuity check (i.e. by disconnecting and checking each component) is required to trace the faulty component. It is possible that a fault could occur as a result of local burning/arcing but no fault could be found under test. However a detailed visual inspection should reveal evidence of burning around the fault.

Ignition System / Gas Ignition



Commissioning

When the hob has been fully installed it will be necessary to check the minimum flame setting. To do this, follow the procedure below.

- Turn the gas tap to the MAX position and ignite.

- Set the gas tap to the MIN flame position then turn the control knob from MIN to MAX several times. If the flame is unstable or is extinguished follow the procedure below.

Procedure:

☞ Re-ignite the burner and set to MIN.
Remove the control knob.
To adjust, use a thin bladed screwdriver and turn the adjustment screw (see diagram) until the flame is steady and does not extinguish, when the knob is turned from MIN to MAX. Repeat this procedure for all burners.

Pressure Testing

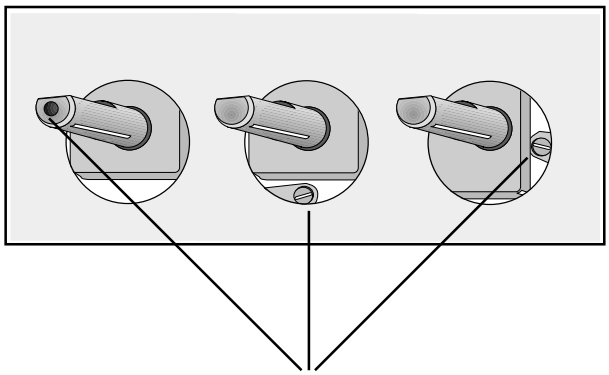
☞ Remove left hand pan support and front left burner cap and crown.

Fit manometer tube over the injector.

Turn on the burner gas supply and ignite another burner.

The pressure reading should be nominally 20mbar and must be between 17 mbar and 25mbar.

Turn off the burner supplies.



Minimum adjustment screw

Conversion from Natural Gas to LPG

It is important to note that this model is designed for use with natural gas but can be converted for use with butane or propane gas providing the correct injectors are fitted. The gas rate is adjusted to suit.

Method

- Ensure that the gas taps are in the 'OFF' position
- Isolate the hob from the electrical supply
- Remove all pan supports, burner caps, rings, crowns and control knobs.
- With the aid of a 7mm box spanner the burner injectors can then be unscrewed and replaced by the appropriate LPG injectors.

To adjust the gas rate

With the aid of a thin bladed screwdriver completely tighten down the by pass adjustment screw. Upon completion affix the replacement rating plate on the under side of the hob.

IMPORTANT

The replacement/conversion of the gas hob should only be undertaken by a competent person.

Grafiche MDM - Forlì

CUSTOMER CARE

Electrolux

55-77 High Street
Slough
Berkshire, SL1 1DZ
Tel: 08705-950950

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