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Gas and Electric Hobs

Operating Instructions

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GUARANTEE

AEG offer the following guarantee to the first purchaser of this appliance:

1. The guarantee is valid for 12 months commencing when the appliance is handed over to the first retail purchaser, which must be verified by purchase invoice or similar documentation. The guarantee does not cover commercial use.
2. The guarantee covers all parts or components which fail due to faulty workmanship or faulty material. The guarantee does not cover appliances where defects or poor performance are due to misuse, accidental damage, neglect, faulty installation, unauthorised modification or attempted repair, commercial use or failure to observe requirements and recommendations set out in the instruction book. This guarantee does not cover such parts as light bulbs, removable glassware, dust bags or filters.
3. Should guarantee repairs be necessary the purchaser must inform the nearest customer service office (manufacturer's service or authorised agent). AEG reserves the right to stipulate the place of the repair (i.e. the customer's home, place of installation or AEG workshop).
4. The guarantee or free replacement includes both labour and materials.
5. Repairs carried out under guarantee do not extend the guarantee period for the appliance. Parts removed during guarantee repairs become the property of AEG.
6. The Purchaser's statutory rights are not affected by this Guarantee.

Service may be requested from any of the addresses below. When contacting please quote:

- Your name, address and telephone number Details of the fault
 Model - Name or Description of the appliance E-No. - 9 digit number on the rating plate

Domestic Appliances Ltd, Cornwall House, 55/77 High Street, Slough, Berkshire SL1 1DZ. Tel: (01753) 872500

NOTES

1. This Hob is intended to be built into a domestic kitchen for the cooking of household food, it must not be used as a room heating device.
2. Both Gas and Electric hobs must be installed by suitably qualified persons. (*See Installation Requirements*).
3. **WARNING: THESE APPLIANCES MUST BE EARTHED AND ARE INTENDED TO BE PERMANENTLY CONNECTED TO THE MAINS BY MEANS OF A FUSED SPUR.**
4. **Caution:** Cooking appliances get hot, keep combustibles and inflammable liquids away. **Warn Children of the dangers.**
5. **VENTILATION REQUIREMENTS - NATURAL GAS**
 - (a) Rooms with a volume of less than 5m³ will require a minimum permanent ventilation of **100cm²**.
 - (b) Rooms with a volume of between 5m³ and 10m³ will require minimum permanent ventilation of **50cm²** unless the room or internal space containing the appliance has a door which opens directly to the outside.
 - (c) Rooms with volumes in excess of 11m³ will not require any permanent ventilation.
 - (d) All rooms or internal spaces containing the appliance will require an openable window or equivalent.

INSTALLATION REQUIREMENTS

GAS HOB

All gas appliances must, by Law, be installed or serviced by a competent person. We recommend that you use a CORGI registered installer.

Service or repairs should always be carried out by factory trained personnel.

Gas appliances meet the essential requirements of the Gas Appliance Directive (90/396/EEC) for use in GB/IE market.

The installation must comply with the Gas Safety (Installation and Use) Regulations and the following British Standards: BS6891: 1988, BS6172: 1990, BS5440: PART 2: 1989.

Before you start, check your hob is suitable for the gas supply in your house (Natural Gas or LPG). This is clearly marked on the base of the appliance.

Your kitchen must be adequately ventilated. This is specified in BS5440: Part 2: 1989.

The electrical supply must be a 230V - 50Hz switched spur, fitted with a 3 amp fuse. If this switch is directly behind the hob it should be at least 463mm above it and the supply cable must be protected from the heat. Ensure that the supply is switched off before connection.

Gas connection to be made by rigid pipe to the R $\frac{1}{4}$ (1/4 inch BSP Taper) appliance gas inlet connection to BS 21: 1973.

ELECTRIC HOB

Electrical Equipment (Safety) Regulations 1994. EN 60335-1 - 1995; EN 60335-2-6 - 1991 for use in UK.

For your own safety please ensure that the hob is installed by a competent person. We recommend that you use a NICEIC registered installer.

The installation must comply with the current IEE regulations.

The electrical supply must be 230V - 50HZ 30 amps, and connection must be made via a double pole isolating switch with a contact separation of at least 3mm. If this switch is directly behind the hob it should be at least 463mm above it and the supply cable must be protected from the heat.

Ensure that the supply is switched off before connection is made.

CHOOSING THE POSITION

The room should have good light and ventilation but be free from draughts.

The hob should be positioned at least 100mm away from side cabinets and 50mm from the back wall, which should be covered with a non combustible material (Tiles are ideal).

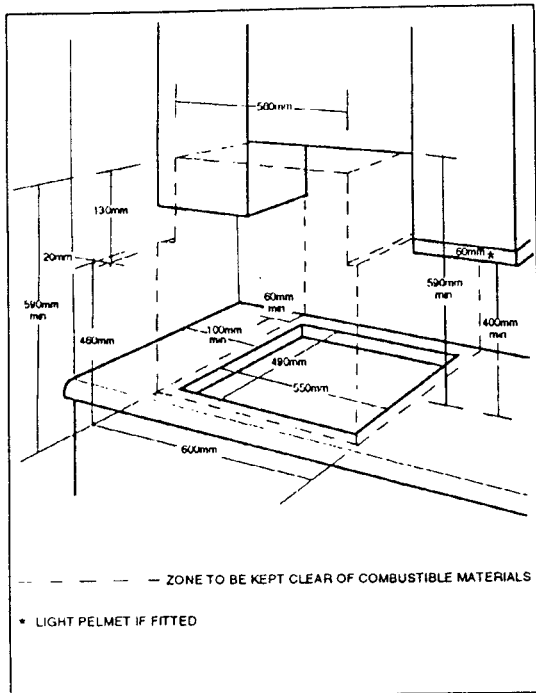
Wall mounted cupboards should be at least 590mm above the hob (see sketch).

Extractors or cooker hoods should only be fitted above the hob in accordance with the manufacturer's instructions.

No combustible materials or flammable liquids should be stored below the hob.

Sufficient length of cable should be allowed to remove the hob for servicing. Ensure that this extra cable is routed away from the underside of the hob and is not trapped during installation. The worktop should be at least 600mm wide and 30mm thick.

INSTALLATION



1. Cut a hole in the worktop which is 550mm wide and 490mm deep (front to back).
2. Unpack the hob, turn it over and remove the four nuts and washers which hold on the base. Keep these in a safe place. Remove the base.
3. With the inlet hole for the electric cable positioned in the back R.H. corner, fix the base into the cut out using the screws provided.
4. The base should be positioned centrally in the cut out and there should be at least one screw in each side.
5. Position the hob near the base and make the necessary electrical connections. Ensure the supply is disconnected before making connection. Also ensure the hob is properly earthed.
6. Lower the hob onto the base and locate the four studs through the four holes. Be careful not to trap the electrical cable. Route the cable beneath away from the hob base.
7. Lift the hob slightly and position the sealing tape under the four sides.

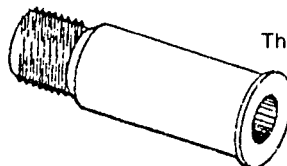
8. Refit and tighten the four fixing nuts and washers which secure the hob to the base. It is essential for the earth continuity of the hob that these nuts and washers are fitted. **DO NOT OVERTIGHTEN** as this may damage the hob top. Trim off any excess sealing tape with a sharp knife.

If you have a gas hob

9. Connect the gas supply. The connection is made by rigid pipe to the R $\frac{1}{4}$ (1/4 inch BSP Taper) appliance gas connection. Check that there are no leaks using soapy water and suitable pressure drop equipment. **NEVER USE A NAKED FLAME!**
10. Check your supply pressure:

Remove the burner jet from one of the medium sized burners and screw in the adaptor using a phillips screw driver.

Connect the test equipment to the adaptor and turn on all four burners (ignite the other three). Pressure should be as follows: NATURAL GAS 20 mbar



Model Numbers
SEE FRONT PAGE

Remove the adaptor, replace the jet and check for leaks.

- NOTE:**
1. Keep the adaptor and these instructions with your gas meter for any future use.
 2. Should mains cable become damaged, it **must** be replaced by the manufacturer's approved part.

ELECTRICAL CONNECTIONS - ELECTRIC HOB

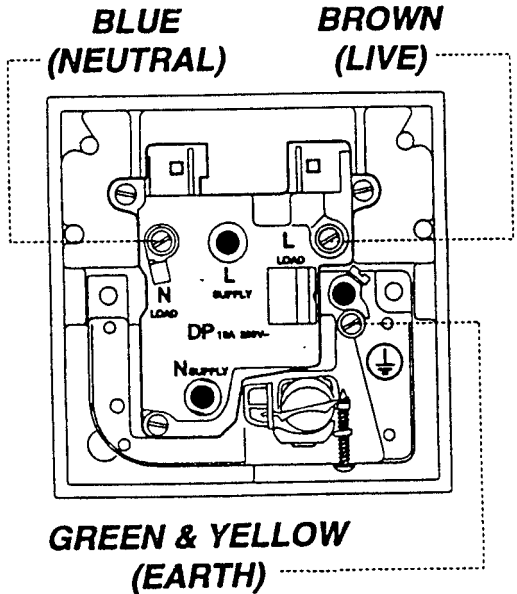
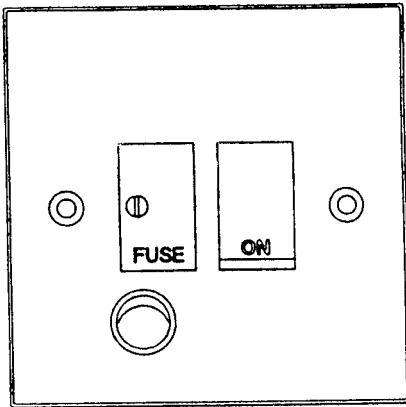
Your appliance must be connected to fixed wiring via the use of a double pole switched fused spur outlet with or without pilot lamp and a TWIN AND EARTH CABLE OF 6mm CROSS-SECTIONAL AREA, CONFORMING TO BS6004.

We strongly recommend the appliance is connected by a qualified electrician who is a member of the N.I.C.E.I.C. who will comply with the I.E.E. and any local regulations. Inform your installer that this is a TYPE X APPLIANCE.

NOTE:

The terminology "DOUBLE POLE" means that both the live and neutral supplies are switched and disconnected at the same time. WITH AT LEAST 3mm GAP IN EACH POLE.

WARNING
THIS APPLIANCE MUST
BE EARTHED



The terminations labelled SUPPLY are for the connection for the internal house wiring and the terminations labelled LOAD are for connection for the appliance.

GREEN & YELLOW
(EARTH)

ELECTRICAL CONNECTIONS - GAS HOB

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Green/Yellow	Earth
Blue	Neutral
Brown	Live

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 fused spur, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter 'E' or by the earth symbol \perp or coloured green or green and yellow. The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

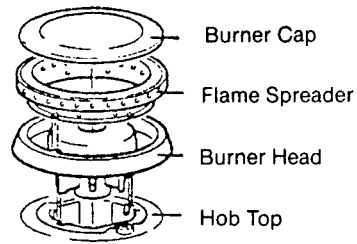
OPERATING YOUR GAS HOB

Fit the Burner parts to the hob

Rotate the parts until they fit into each other

Fit the two pan supports

Turn on the gas and electricity supply



Turn on one burner by pressing the knob down and turning anti-clockwise to the simmer (small flame) position. At the same time press and hold the spark button until the burner lights. Then adjust the flame to the height required.

Repeat with other three burners.

To turn off turn the knob to the "off" ● position. The knob will spring up and lock off the gas supply. The control panel is marked to show which knob operates each burner.

The burners are suitable for saucepans from 100mm to 200mm in diameter.

		Natural Gas
Standard Burners	(2) =	1.7 kW
Simmer Burner	(1) =	1.0 kW
High Speed Burner	(1) =	2.9 kW

OPERATING YOUR ELECTRIC HOB

Switch on each plate for a few minutes. This will burn off the protective coat and some smoke and smell will result. This is quite normal. Check they are all working correctly.

The control panel is marked to show which knob operates which plate. The control is also marked 0 to 6. The 0 is the 'Off' position, 6 is the maximum power, the other numbers are steps in between. To switch off turn to 0.

If your hob has a pan sensor plate the control is marked from 0 to 12. To switch on turn the control clockwise to the desired setting. The plate will come on at full power and then automatically cycle at the selected setting. To switch off turn anti-clockwise to the ○ (off position).

SUGGESTED PAN SENSOR SETTING TABLE:

- 1- 4 Delicate dishes which must not boil, melting chocolate, keeping food warm.
 - 5- Boiling water e.g. for vegetables.
 - 5- 7 Steaming and simmering.
 - 7- 9 Low temperature frying and baking.
 - 10-12 High temperature frying or cooking large quantities of food.
- (These settings may vary according to the type and conditions of pans used).

The orange power on light will show when any plates are on.

On these types of plates use only flat bottomed pans.

HOTPLATE	POWER OUTPUT	PLATE SIZE	POSITION
Large Rapid	2.0 kW	18 cm	Front Left
Small Rapid	1.5 kW	14.5 cm	Front Right
Large Standard	1.5 kW	18 cm	Back Right
Small Standard	1.0 kW	14.5 cm	Back Left
Pan Sensor	2.0 kW	18 cm	Front Left

CLEANING - GAS AND ELECTRIC HOBBS

Clean the enamel surfaces using warm water and mild detergent only. Do not use caustic or corrosive cleaners such as oven cleaner, bleach, caustic soda, etc. Difficult marks can be removed using a mild detergent solution and fine wire wool.

On the Electric Hob the Cast Iron Plates can be cleaned with a cleaning powder or Brillo pads. Dry by turning on for a few minutes. When cool wipe on a little cooking oil to protect them.

TROUBLESHOOTING

Before you call service check the following points:

ELECTRIC

HOB SMELLS WHEN FIRST USED

This is normal and is caused by the protective film burning off.

RUST APPEARS ON PLATES

The plates are made from Cast Iron so this is possible.

Clean and oil as per instructions.

STAINLESS STEEL SPILLRING DISCOLOURS

This is perfectly normal and happens to all plates of this kind.

HOB DOES NOT WORK AT ALL

Check power is switched on at the mains.

Check for power failure by switching on adjacent light.

Check the fuse.

GAS

UNEVEN OR YELLOW FLAME

Switch off immediately and check:

- (a) Are the burners fitted correctly.
 - (b) Are the holes in the burner cap clear.
 - (c) Check that no dust has fallen into the flame.
- If still yellow call the service agent.

BURNER FAILS TO IGNITE

Check the power is on. Check the fuse.
Clean the ignitor terminal.

SPARK BUT NO GAS

Check the supply is turned on.
Check the holes are not blocked.

SMELL GAS

Check to see if a tap has been left on.
If not switch off gas at mains and call the service agent.

EVEN IF YOUR HOB IS OUTSIDE ITS GUARANTEE PERIOD, SERVICE OR REPAIRS SHOULD ALWAYS BE CARRIED OUT BY FACTORY TRAINED PERSONNEL.

AEG Hausgeräte AG
Postfach 1036
D-90327 Nürnberg 1

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HAEGBK ISSUE A

AEG Domestic Appliances Ltd

Customer Care Department

55-77 High Street

Slough

Berkshire SL1 1DZ

Telephone: 08705 350350