



BUILD-IN COOKING HOB

FOR USE WITH LIQUIFIED PETROLEUM GAS

SERIES 170

All Gas & Dual Fuel Hobs



USER AND INSTALLATION INSTRUCTIONS

READ AND RETAIN FOR FUTURE REFERENCE

FOR USE IN :- GB, IE, FR, NL, BE, LU, ES, IT, NO, DE, DK, SE,
CY, CZ, EE, GR, LT, LV, PT, RO, SK, CH, BG, FI
HU, HR, MT, SI, TR

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S~HB17400				S~HB17300				S~HB17200												
SERIES 170				SERIES 170				SERIES 170												
	1x1.0kW	0.50	0.34				1x1.0kW	0.50	0.34	1x1.0kW	0.50	0.34								
	2x1.5kW	0.62	0.34	2x1.5kW	0.62	0.34	2x1.5kW	0.62	0.34	1x1.5kW	0.62	0.34								
	1x2.5kW	0.78	0.45	1x2.5kW	0.78	0.45	1x2.5kW	0.78	0.45	1x2.5kW	0.78	0.45								
										1x800W 220/240V~50Hz										
Σ	6.5kW			Σ	5.5kW			Σ	5.0kW 800W											
10.0kg				9.7kg								12.0kg								

Gas Category:

CAT I₃+(28-30/37)
BUTANE (G30) 28-30 mbar
PROPANE (G31) 37 mbar

CAT I₃B/P(30)
BUTANE (G30) 30 mbar
PROPANE (G31) 30 mbar

Fig.1 – Series 170 Worktop Cutout

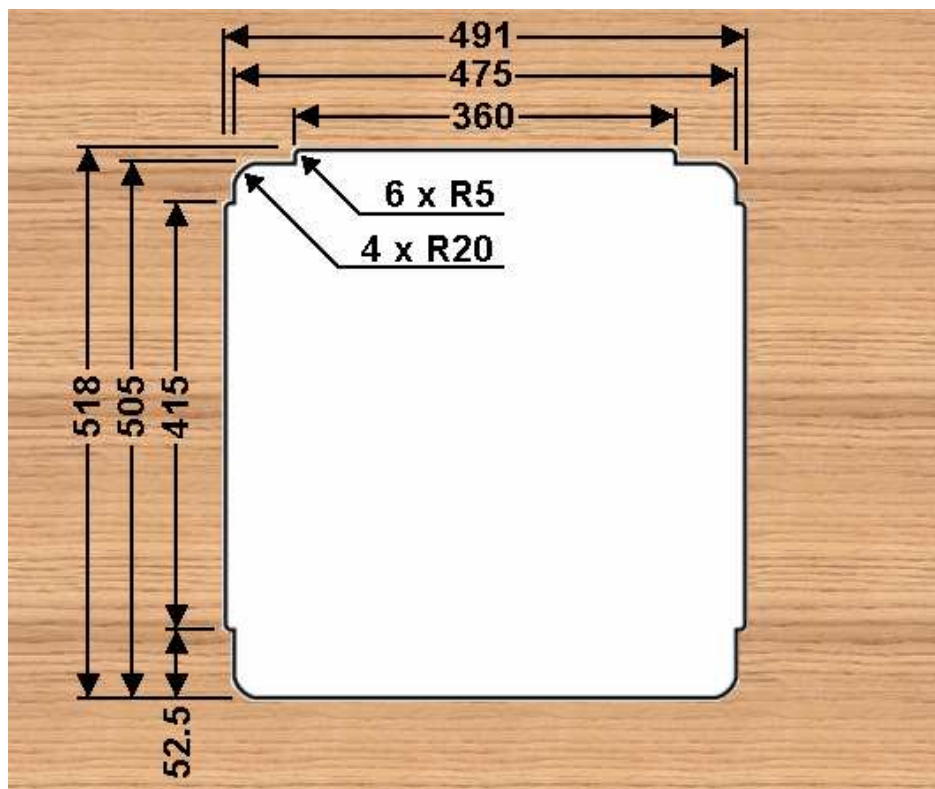


Fig. 2 – Worktop Details

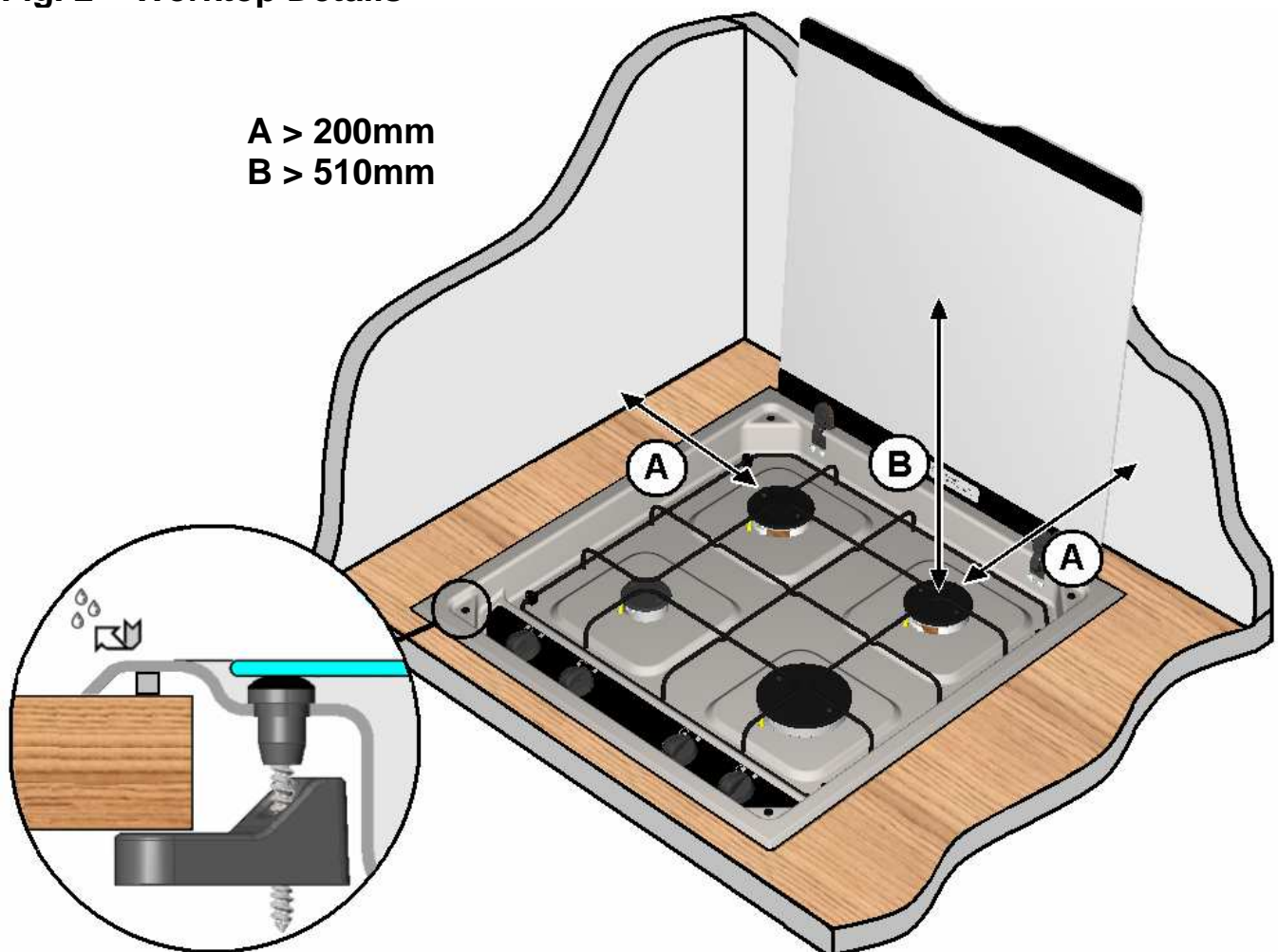
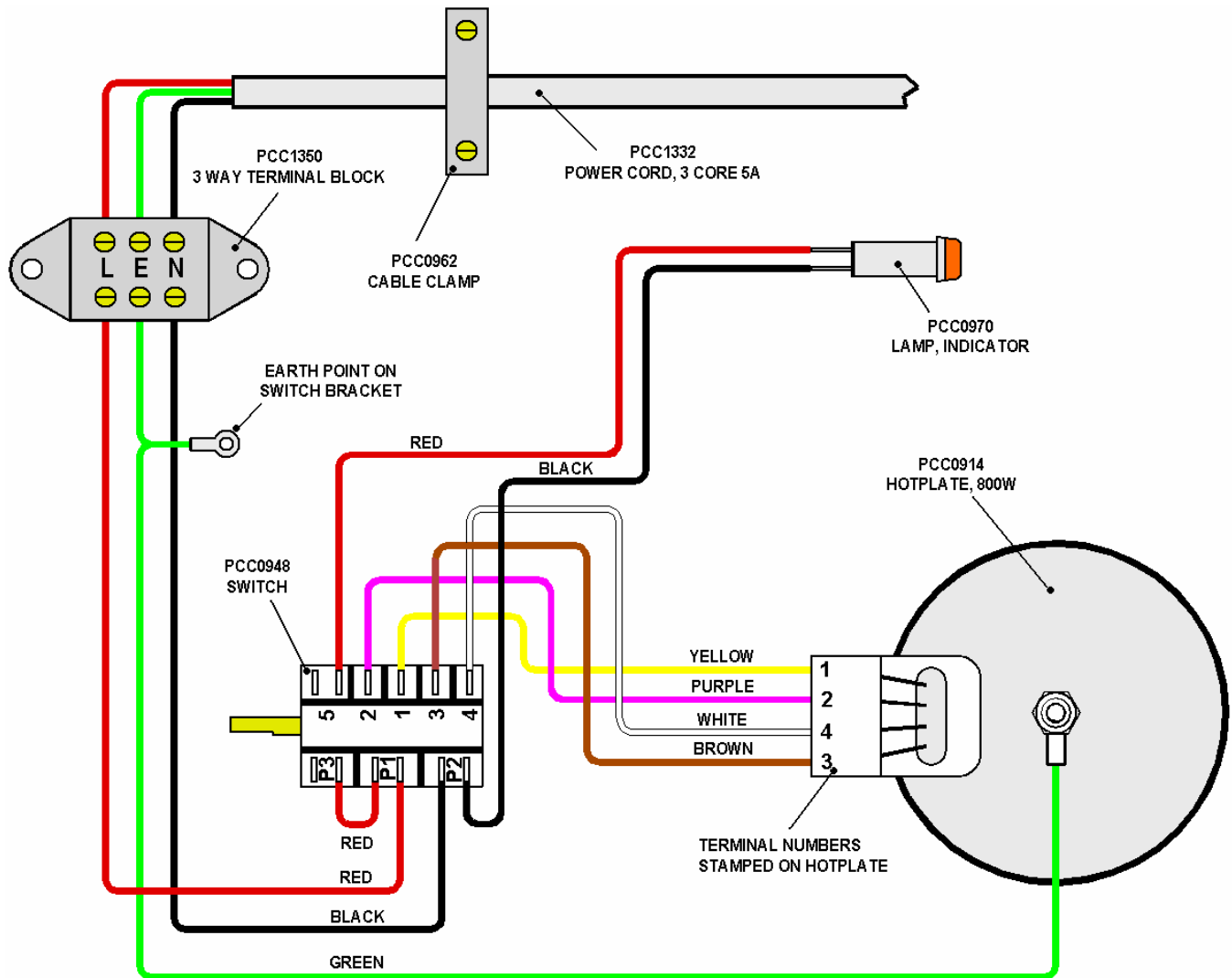


Fig. 3 – Circuit diagram for models with 240V electric hotplate



WARNING

- The Appliance **MUST** be earthed
- Spark ignition if fitted **MUST** only be connected to a suitable 12V DC electric supply.

This appliance is designed for cooking foods, any other use is incorrect and dangerous. Failure to install the appliance correctly or improper use, will invalidate any warranty or liability claims. This appliance must be installed in accordance with the local, national and European regulations in force. Particular attention shall be given to the requirements regarding ventilation. Read the instructions before installing or using the appliance. The appliance **MUST** be installed by an approved competent person.

Our policy is one of continuous development and improvement. Specifications and illustrations may change subsequent to publication.

Provision of Ventilation

The use of a gas cooking appliance results in a production of heat and moisture in the room in which it is installed. Ensure that the kitchen is well ventilated: keep natural ventilation holes open or install a mechanical ventilation device, (mechanical extractor hood).

Prolonged intensive use of the appliance may call for additional ventilation, for example opening a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.

The room containing the cooker should have an air supply in accordance with local and national/European standards.

Position

This appliance must be positioned free from draughts, which may affect the combustion, and in a manner that will prevent the accumulation of unburnt gas. When in use ensure that air vents are not inadvertently blocked or shut off.



- **Appliance should only be used with Liquefied Petroleum Gas (LPG)**
- **Use only the Gas Pressures specified**
- **This appliance **MUST** be earthed**

OPERATION

The burners on the appliance have fixed aeration and no adjustment is required. The burners should flame as follows:-

Propane - The flames should burn quietly with a blue/green colour with no sign of yellow tips.

Butane - Normally on initial lighting, a small amount of yellow tipping will occur and then slightly increases as the burner heats up.

The burners are controlled individually and each is monitored by a thermocouple probe. In the event the burner flames are accidentally extinguished, turn off the burner control and do not attempt to re-ignite the burner for at least one minute



Before using the appliance for the first time, remove any surface protection film, ie plastic coating. Clean all surfaces with hot soapy water to remove any residual protective covering of oil and rinse carefully.

OPERATION

GAS BURNERS

(1) Ensure gas supply is connected and turned on. **(2)** Push in the control knob and turn anticlockwise to full rate – large flame (🔥). **(3)** Continue holding the knob depressed whilst the automatic ignition lights the burner. **(4)** After the burner is lit continue depressing the knob for approximately 10 - 15 seconds. **(5)** Release knob and turn to required heat setting. **(6)** If burner has not lit within 15 seconds, release knob and wait at least 1 minute before repeating operations (2) to (5). **(7)** To turn off, rotate the control knob until the line on the knob is aligned with dot on the control panel.

Always make sure the control knob is in the off position when you have finished using the hotplate burners.

ELECTRIC HOTPLATE

(1) Ensure the electricity is switched on. **(2)** The hotplate control is numbered from 1 (Low) to 6 (High). To turn it on, rotate the knob either clockwise or anti-clockwise to the required position. **(3)** To turn the hotplate off, rotate the knob until the line or pointer on the knob lines up with the zero on the control panel.

The hotplate is a sealed construction and transfers heat through conduction. For maximum efficiency use the correct size pan with a flat heavy gauge base. The pan size should be the same or slightly larger than the hotplate (up to 1" / 2.5 cm oversize).

Before using your hotplate for the first time, we recommend that you prime and then season it.

To prime the hotplate:-

Switch on the hotplate for a short period, without a pan, to harden and burn off the coating. Use a medium to high setting for 3 – 5 minutes. A non toxic smoke may occur during this process. Allow it to cool, then season.

To season the hotplate:-

Heat the hotplate for 30 seconds on a medium setting, then switch off. Pour a minimal amount of unsalted vegetable oil onto a clean dry cloth or paper towel, and apply a thin coat of oil to the hotplate surface. Wipe off any excess oil, then heat the hotplate on a medium setting for 1 minute. Occasional seasoning will help to maintain the appearance.



- **Avoid old or misshapen pans as these may cause instability.**
- **Recommended pan sizes for Hob models:-**
3 Burner – 1 x Ø240mm & 2 x Ø200mm
4 Burner – 4 x Ø200mm OR
– 1 x Ø220mm & 2 x Ø200mm & 1 x Ø180mm
- **Using larger pans may reduce performance or cause damage**
- **The lid must be opened fully prior to using the hotplate burners.**

OPERATION

DO'S AND DON'TS

- | | |
|--------|---|
| DO | Read the user instructions carefully before using the appliance for the first time. |
| DO | Allow the burners to heat before using for the first time, in order to expel any smells before the introduction of food. |
| DO | Clean the appliance regularly. |
| DO | Remove spills as soon as they occur. |
| DO | Check that controls are in the off position when finished. |
| DO NOT | Allow children near the appliance when in use. Turn pan handles away from the front so that they cannot be caught accidentally. |
| DO NOT | Allow fats or oils to build up in the base of the hotplate. |
| DO NOT | Use abrasive cleaners or powders that will scratch the surfaces of the hotplate. |
| DO NOT | Under any circumstances use the appliance as a space heater. |



WARNING

- **When cooking, young children should be kept away.**
- **Turn off all burners before shutting the lid.**
- **Take care when closing the lid as the travel lock action of the hinges activates towards the end of lowering the lid.**
- **Remove all spillage on surface of the glass lid before opening.**

LEAKS

If a smell of gas becomes apparent, the supply should be turned off at the cylinder **IMMEDIATELY**. Extinguish naked lights including cigarettes and pipes. Do not operate electrical switches. Open all doors and windows to disperse any gas escape. Butane/Propane gas is heavier than air; any gas escaping will therefore collect at low level. The strong unpleasant smell of gas will enable the general area of the leak to be detected. Check that the gas is not escaping from an unlit appliance. Never check for leaks with a naked flame; leak investigation should be carried out using a leak detector spray.

MAINTENANCE

This appliance needs little maintenance other than cleaning. All parts should be cleaned using warm soapy water. Do not use abrasive cleaners, steel wool or cleansing powders. When cleaning the burner ring it is essential to ensure that the holes do not become blocked. The control knobs are a push fit and can be removed for cleaning. They are interchangeable without affecting the sense of operation.

SERVICING

All servicing must be carried out by an approved competent person. After each service the appliance must be checked for gas soundness.

If servicing requires removal of the appliance:- **(1)** Turn off gas, 12volt power supply and 240 volt supply if Dual Fuel model. **(2)** Disconnect appliance from gas and 240volt supply if Dual Fuel model. **(3)** Disconnect the spark generator 12v supply. **(4)** Release and remove the worktop clamps below the hob. **(5)** Carefully lift out the appliance from the worktop and place on a suitable surface.



When handling or removing the hob from the worktop we recommend the use of suitable protection to prevent cuts from exposed sharp edges.

INSTALLATION

REGULATIONS AND STANDARDS

In your own interest of safety, it is law that all gas appliances are installed and serviced by an approved competent person, in accordance with the local and National/European standards in force. Failure to install the appliance correctly could invalidate any warranty or liability claims and lead to prosecution. Particular attention shall be given to the requirements regarding ventilation. Read the instructions before installing or using this appliance.

VENTILATION

This appliance is suitable for installation into Holiday Homes, Touring Caravans and Boats. In all cases the national standards with regard to ventilation for the particular vehicle into which the appliance is to be installed must be adhered to.

The European Standard EN1949 - "Specification for the installation of LPG systems in leisure and other road vehicles", specifies appliances be installed in accordance with the manufacturer's instructions, including the adequate provision to avoid the accumulation of unburnt gases. We recommend a floor vent, venting to the outside, with minimum size 130mm², maximum 2000mm², which should be baffled to prevent direct draughts to the appliance.

LOCATION OF APPLIANCE

This appliance may be installed in a kitchen/kitchen diner but NOT in a room containing a bath or a shower. LP gas appliances must not be fitted below ground level. e.g. in a basement.

POSITION

The performance of this appliance meets the requirements of the European Standard for Domestic Cooking Appliances (EN30) which specifies a maximum allowable temperature rise of the furniture into which the appliance is installed of 65°C above the ambient temperature.

We recommend the installation follows the minimum dimensions shown in this manual as any deviation could result in excessive temperature rise. If minimum dimensions must be reduced, due to design constraints, a temperature rise test of all furniture fitted around the unit MUST be performed. The design is deemed permissible providing the results of this test comply with all standards in force and the requirements detailed within the furniture manufacturer's material specification.

A cutout should be prepared as shown in Fig 1. The location of the cutout MUST comply with Fig. 2 after the hob is installed – ie a direct distance of 200mm must exist between the edge of the burner and combustible material unless protected by a layer of non-combustible material. The appliance should be fixed in place using the supplied clamps as shown in Fig. 2.

For models with a glass lid, the distance from the edge of the burner to the rear wall can be reduced to 110mm.

All combustible materials such as curtains and shelves must be kept well clear of the appliance. Any fitments such as a cupboard above the appliance must have a minimum clearance of 510mm between the fitment and the top of the pan support – see Fig. 2.

This appliance must be positioned free from draughts, which may affect the combustion, and in a manner that will prevent the accumulation of unburnt gas. When in use ensure that air vents are not inadvertently blocked or shut off.

INSTALLATION

We recommend the underside of the hob be shielded particularly if this area is to be used for storage or the installation of another appliance. The shield should be fabricated from non-combustible material, but if the enclosure is manufactured from combustible material there should be a minimum distance of 120mm between the worktop (top face) and the shield.

THIS AIR SPACE MUST BE WELL VENTILATED

On completion of the installation a warning notice complying to EN721 Annex A should be affixed adjacent to the appliance.

If other appliance/s are located below the hob we recommend conducting a temperature verification test to confirm any rise in temperature of the cabinet materials are within allowable limits and meet requirements specified in EN30-1-1, EN1949, EN1645-1, EN1646-1, EN1647, and EN721.

GAS CONNECTION

Prior to connection ensure the local conditions for gas type and gas pressure match the appliance specification. (Gas type and pressure for this appliance are printed on the databadge located on the base of appliance)

The Ø8mm gas inlet is located to the rear of the appliance. Prior to connection remove the plastic protection plug from the fitting. The appliance **MUST** be connected using metal pipe manufactured from either copper, seam welded steel, seamless steel or stainless steel, which complies to the requirements of EN1949, rubber tubing **MUST NOT** be used.

ELECTRICAL CONNECTION

Spark Ignition

The spark ignition generator **MUST** only be connected to a suitable 12V DC supply. We recommend connecting to the generator using sheathed spade connectors.

Electric Hotplate

The appliance must be connected using a double insulated cord, type 227 IEC 53, HO5V V-F, which is suitable for use up to 4 amps. This should be connected to a double pole switched mains supply, with 3mm minimum contact separation at all poles.

The supply cord **MUST** be retained using the attached cable clamp any excess cord **MUST** be routed away from the appliance and not come into contact with the appliance or hang loose into a lower compartment. See Fig. 3 for details of 240V electric circuit.



- This appliance **MUST** be earthed
- After Installation the appliance **MUST** be tested for tightness
- The gas supply input pressure to which this appliance is connected, **MUST** not rise or fall by more than 2.5 mbar (butane/propane) from nominal when **ALL** appliances connected to the supply are **OPERATED** simultaneously. If this appliance is not installed in accordance with the instructions and tolerances detailed herein, we the manufacturer can not be held responsible for any problems that occur, or poor performance that is perceived/witnessed.