



BUILD-IN COMBINATION UNITS

MODELS 656/MK 12

WARNING

- Only use this appliance in a well ventilated area.
- Read the instructions before use.
- This appliance must be installed by a competent person.

User and Installation Instructions

PLEASE READ THOROUGHLY and keep for future reference.

FOR USE IN GREAT BRITAIN/IRELAND

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BUILD IN COMBINATION UNITS MODELS C656/Mk12

INTRODUCTION

This appliance shall be installed in accordance with the regulations in force and only in a well ventilated space. Read the instructions before installing or using this appliance.

This cooker must be installed according to the relevant local and national regulations in force. Failure to install the appliance correctly could invalidate any warranty or liability claims and lead to prosecution.

Note: An appliance for LP gas shall not be installed in a room or internal space below ground level. e.g. in a basement.

VENTILATION

This appliance must be installed according to the relevant local and national/European standards in force.

This appliance is suitable for installation into 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.

IMPORTANT

This appliance is suitable for use with Liquid Petroleum Gas (LPG) and should not be used on any other gas. The following gas pressures should be used:-

CAT I₃+ (28-30/37)

BUTANE (G30) 28-30 mbar

PROPANE (G31) 37 mbar

CAT I₃ B/P (30)

BUTANE (G30) 30 mbar

PROPANE (G31) 30 mbar

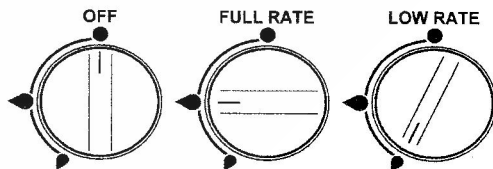
POSITION

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.

USER'S INSTRUCTIONS OPERATION

Burners

Each burner is controlled individually and may be monitored by a flame failure sensing device. The respective knob positions are shown below:-



To light the burner, depress and turn the knob anti-clockwise to the full rate position, apply a light to the burner or press the ignition button if fitted. On models with the flame sensing device it is necessary to hold the knob depressed during ignition and for approximately fifteen seconds after the burner has lit to allow the probe to reach temperature. Should the flame go out when the knob is released, the procedure should be repeated holding the knob depressed for slightly longer.

If required the knob can be turned further anti-clockwise to the simmer position.

To turn the burner off, rotate the knob fully clockwise until the dot on the knob lines up with the dot on the fascia.

The burners on this appliance have fixed aeration and no adjustment is required.

Depending on the gas being used, the burners should flame as follows:-

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

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

Although the burner will support pans from 10 to 22cm, care should be taken not to overload the appliance as reduced performance may result.

When using small pans the flame should not spread beyond the base of the pan as this will reduce the efficiency of the burner.

Grill

Although the grill does heat up quickly, it is recommended that a few minutes preheat be allowed. The grill pan should be left in position to protect the base lining.

Burner- It is normal for the flames on this burner to develop yellow tips as it heats up, particularly with Butane.

The grill pan trivet can be reversed to give a choice of grilling height.

If the grill compartment has a door, it must be left open while the grill is in use.

SAFETY

It is important that ordinary safety precautions be observed in the use of this appliance.

- 1) When cooking keep children away from the vicinity. Turn pan handles inwards so they cannot be caught accidentally.
- 2) Never leave fat or oil unattended on the hotplate.
- 3) When finished, check that all controls are in the off position.
- 4) This appliance must not in any circumstances be used as a space heater.
- 5) If fitted in a touring caravan or motor van, all burners should be extinguished when the vehicle in which the appliance is installed is moving. It is preferred that the cylinder valve to the appliance be turned off.

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 or soapy solution.

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.

On units fitted with battery spark ignition, when the time taken for spark generation becomes extended, the battery should be renewed with a suitable make of long life battery.

THIS APPLIANCE MUST NOT BE MODIFIED OR ADJUSTED UNLESS AUTHORIZED AND CARRIED OUT BY THE MANUFACTURER OR HIS REPRESENTATIVE.

NO PARTS OTHER THAN THOSE SUPPLIED BY THE MANUFACTURER SHOULD BE USED ON THIS APPLIANCE.

INSTALLATION INSTRUCTIONS

In your own interest of safety, it is law that all gas appliances be installed by competent persons. CORGI (Confederation for the Registration of Gas Installers) registered installers undertake to work to safe and satisfactory standards. Failure to install the appliance correctly could invalidate any warranty or liability claims and lead to prosecution. This appliance shall be installed in accordance with the local and national/European standards in force. Particular attention shall be given to the requirements regarding ventilation. Read the instructions before installing or using this appliance.

VENTILATION

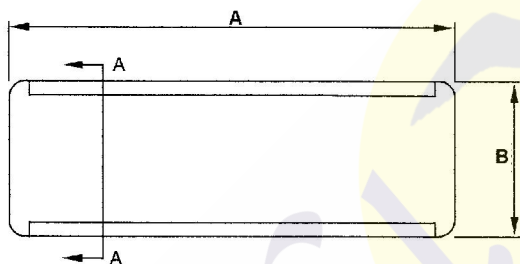
This appliance must be installed according to the relevant local and national/European standards in force.

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.

INSTALLATION

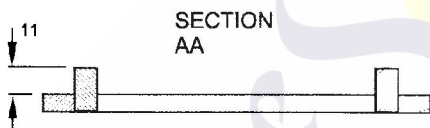
A cut-out should be prepared in the worktop as shown below. Heat barriers must be fitted to the front and back edges (C656) of the cut-out as shown on section B-B. The appliance should be fixed in position using woodscrews fitted through the side flanges as shown.

CUT-OUT FOR C656

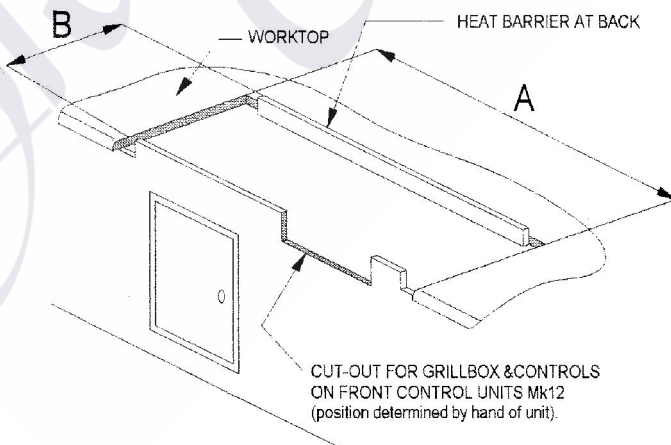


Note:- Dimension A to be 20mm less than the length of unit.

Dimension B to be 1.5mm less than the width of unit.

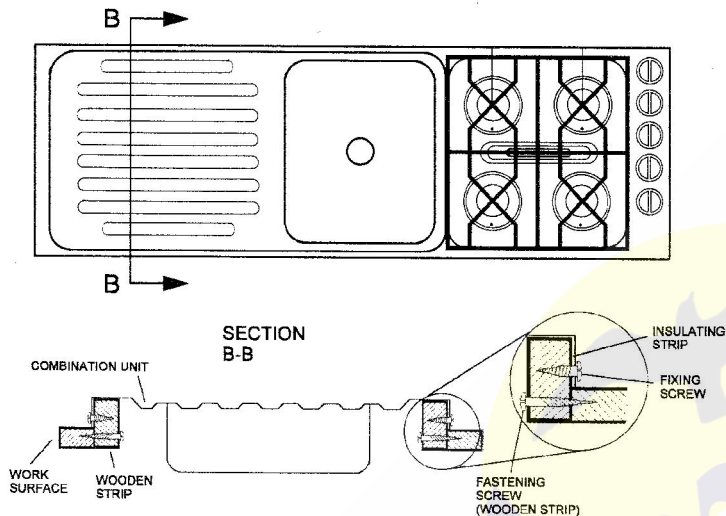


CUT-OUT FOR Mk12



A direct distance of 200mm (7.9") must exist between the edge of the appliance burners and any combustible material, unless protected by a layer of non-combustible material.

All combustible materials such as curtains and shelves must be kept well clear of the appliance. Any fitments such as a cupboard above the unit must have a minimum clearance of 500mm (20") between the fitment and the top of the pan rest.

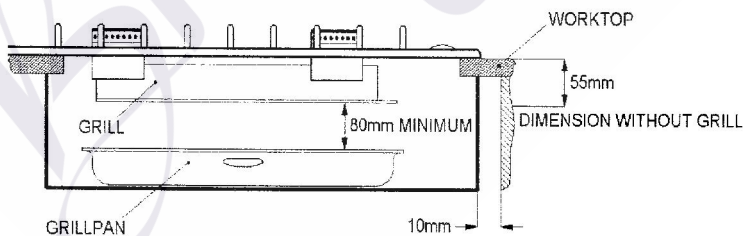


In the case of appliances that do not have grills fitted, the underside of the appliance must be shielded. It is recommended that the shield be fabricated from non-combustible material, but if the enclosure is manufacture from combustible material, then a minimum air space of 100mm (4") must exist between the material and the lowest part of the appliance.

THIS AIR SPACE MUST BE WELL VENTILATED.

GRILLS

Appliances fitted with a grill require that a grill compartment be created below the cut-out as shown below. The compartment must be completely lined with a non-combustible material such as aluminium or stainless steel.



The grill compartment must have ventilation holes at the compartment floor level to prevent the accumulation of unburnt gasses.

The grill compartment must not be installed without some form of protection to the surrounding woodwork, either in the form of an air gap or a lining of non-combustible material.

CONNECTION

An 8mm gas inlet point is provided on the underside of the appliance. It is recommended that the unit be connected by copper tubing using an appropriate connector.

A rubber connection must not be used.

After connection the appliance must be tested for soundness.

This appliance is suitable for use on LPG at the following pressures:-

BUTANE	28mbar (11.2wg)
PROPANE	37mbar (14.8wg)

It is important that the regulator should be set to the correct pressure for the type of gas being used. Excessive pressure must not be permitted.

If the flame on either the top burners or the grill show a tendency to lift, it is probable that the line pressure is too great. Should there be excessive yellow tips (resulting in sooting), then it is probable that the line pressure is too low and in either case the burners should not be used until the line pressure has been checked.

This appliance is fitted with the following injectors:-

BURNERS	0.62mm	1.5kW
GRILL	0.62mm	1.5kW

The burners on this appliance have fixed aeration and no adjustment is necessary.