

Fisher & Paykel

Gas cooktops
CG604 & CG905 models

**Installation instructions
and User guide**

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Important!

SAVE THESE INSTRUCTIONS

The models shown in this document may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our local website listed on the back cover or contact your local Fisher & Paykel dealer.

2 Safety and warnings

Installation

WARNING!



Electrical Shock Hazard

Before carrying out any work on the electrical section of the appliance, it must be disconnected from the mains electricity supply.

Connection to a good earth wiring system is absolutely essential and mandatory.

Alterations to the domestic wiring system must only be made by a qualified electrician.

Failure to follow this advice may result in electrical shock or death.

WARNING!



Cut Hazard

Beware of sharp edges when handling stainless steel appliances.

Failure to use caution could result in injury or cuts.

Important safety instructions!

Installation

- *This appliance shall be installed in accordance with the applicable regulations in force and only used in a well ventilated space. Read the instructions before installing or using this appliance.*
- *Please make this information available to the person installing the appliance as it could reduce your installation costs.*
- *This appliance must be installed and serviced only by a suitably qualified and registered person.*
- *In order to avoid a hazard, this appliance must be installed according to these instructions.*
- *Incorrect installation, for which the manufacturer accepts no responsibility, may cause personal injury or damage and could invalidate any warranty or liability claims.*
- *Prior to installation, ensure that the local distribution conditions (nature of the gas and gas pressure) and the adjustment of the appliance are compatible.*
- *The adjustment conditions for this appliance are stated on the label.*
- *This appliance is not connected to a combustion products evacuation device. It shall be installed and connected in accordance with current installation regulations. Particular attention shall be given to the relevant requirements regarding ventilation.*
- *The flexible hose shall be fitted in such a way that it cannot come into contact with a movable part (eg drawer) and does not pass through any space susceptible of becoming congested.*
- *If the electrical supply cord is damaged, it must only be replaced by an authorised person. Ensure that the electrical connection plug is accessible after installation.*
- *This appliance should be connected to a circuit that incorporates an isolating switch providing full disconnection from the electricity supply.*
- *Do not modify this appliance.*
- *No combustible materials or products should be placed on this appliance at any time.*
- *This appliance should not be sealed into the bench with silicone or glue. Doing so will make future servicing difficult. Fisher & Paykel will not be liable for costs associated with releasing such a product, nor for repairing damage that may be incurred in doing this.*
- *Packing elements (eg plastic bags, polystyrene foam, staples, packing straps etc) and tools should not be left around during and after installation, especially if they are within easy reach of children, as these may cause serious injuries.*

4 Safety and warnings

Operation

! WARNING!



Hot Surface Hazard

This appliance becomes hot during use.

Do not touch the cooktop components, burners, trivets, pan supports or the base when hot.

Before cleaning, turn the burners off and make sure the whole cooktop is cool.

Failure to follow this advice may result in serious injury.

! WARNING!



Fire Hazard

Never leave the appliance unattended when in use. Boilover causes smoking and greasy spillovers that may ignite.

Never use your appliance for warming or heating the room.

Failure to follow this advice may result in serious injury.

! WARNING!



Explosion Hazard

Do not use or store flammable materials such as gasoline near this appliance. Do not spray aerosols in the vicinity of this appliance while it is in operation.

Failure to follow this advice may result in death or serious injury.

! WARNING!



Electrical Shock Hazard

Disconnect the cooktop from the power supply before cleaning or maintenance.

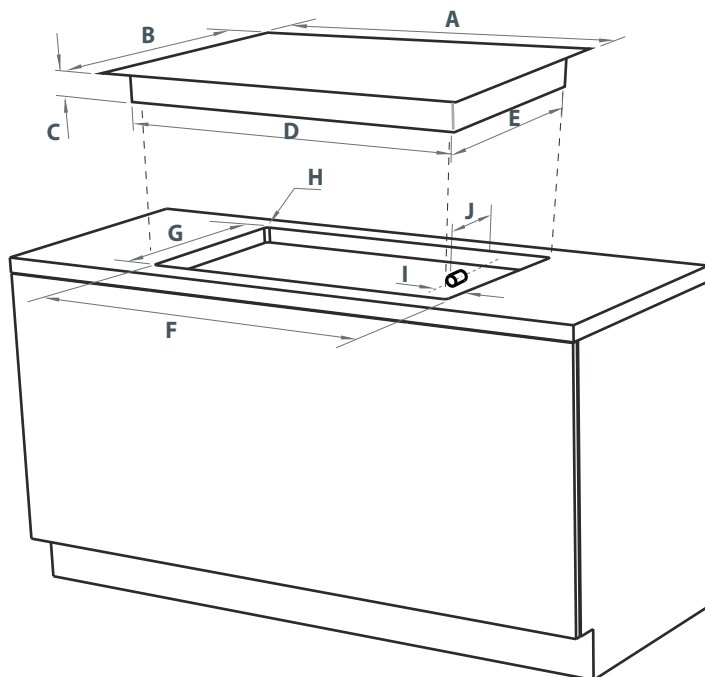
Failure to follow this advice may result in death or electrical shock.

Important safety instructions!

Operation

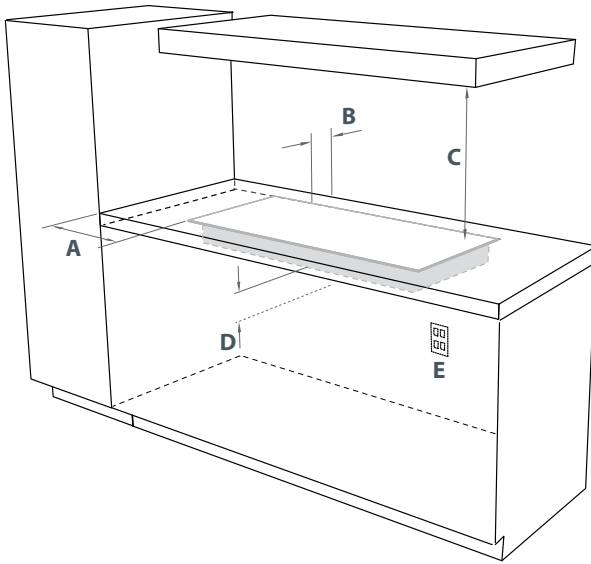
- *Keep children away from the cooktop when it is in use.*
- *Household appliances are not intended to be played with by children.*
- *Children, or persons with a disability which limits their ability to use the appliance, should have a responsible person to instruct them in its use. The instructor should be satisfied that they can use the appliance without danger to themselves or their surroundings.*
- *Do not use an asbestos mat or decorative covers between the flame and the saucepan as this may cause serious damage to your cooktop.*
- *Do not place aluminium foil or plastic dishes on the cooktop burners.*
- *Do not let large saucepans or frying pans overlap the bench as this can deflect heat onto your benchtop and damage the surface.*
- *Do not let large saucepans, frying pans or woks push any other pans aside. This could make them unstable or deflect heat onto your benchtop and damage the surface.*
- *Do not use a steam cleaner for cleaning this cooktop.*
- *Saucepan handles may be hot to touch. Ensure saucepan handles do not overhang other gas burners that are on. Keep handles out of reach of children.*
- *Do not stand or place heavy objects on this appliance.*
- *After use, ensure that the dials are in the 'OFF' position.*
- *This appliance shall not be used as a space heater.*
- *The use of a gas cooking appliance results in the production of heat and moisture in the room in which it is installed. Ensure 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 of a window, or more effective ventilation, for example increasing the level of mechanical ventilation where present.*
- *After having unpacked the appliance, check to ensure that it is not damaged. In case of doubt, do not use it and consult your supplier or a professionally qualified technician.*
- *Some appliances are supplied with a protective film on steel and aluminium parts. This film must be removed before using the appliance.*

6 Installation instructions



Cooktop and cutout dimensions (mm)

	CG604DW/C	CG905DW/C	CG905DW/AC	
A	overall width of cooktop	578	914	914
B	overall depth of cooktop	511	533	546
C	height of chassis below top of bench	50	50	76
D	width of chassis	554	840	855
E	depth of chassis	480	480	470
F	overall width of cutout	560	870	870
G	overall depth of cutout	490	494	494
H	corner radius of cutout	max. 10	max. 10	max. 10
I	distance from right edge of cutout to manifold centre line	30	30	30
J	distance from rear edge of cutout to gas inlet	40	47	35



Clearances (mm)

	CG604DWFC	CG905DWFC	CG905DWAC
A	minimum clearance from left or right edge of cutout to: nearest vertical surface*		
	140	140	100
B	minimum clearance from rear edge of cutout to: nearest vertical surface		
	110	110	115
C	minimum clearance from pan supports to:		
	rangehood		
	650	650	650
	any other overhead exhaust fan		
	800	800	800
	downward-facing combustible surface (overhead cabinetry)		
	650	650	650
	downward-facing tiled or fire-resistant surface		
	600	600	500
D	minimum clearance below top of benchtop to:		
	nearest combustible surface		
	60	60	81
	nearest non-combustible surface		
	60	60	81
E	Ensure there is an earthed power outlet within 900 mm of the rear right-hand corner of the cooktop. The outlet should be accessible with the cooktop installed.		

* There may be cabinetry at the minimum clearance 'A' on one side of the cooktop, but the other side (left or right) MUST be kept clear.

Before you start

Before starting to install the cooktop, make sure that:

- the cooktop has not been damaged during transport. In case of doubt after unpacking and checking it, contact the retailer
- the local distribution conditions (nature of gas and pressure) and the adjustment of the cooktop (as detailed on the appliance data label and in section 'Gas supply and gas rate summary' further below) are compatible
- the installation will comply with the relevant ventilation and electrical requirements detailed further below
- there is an earthed power outlet within the reach of the cooktop's power supply cable (within 900 mm from the rear right of the cooktop, see dimension E in 'Clearances')
- the power outlet will be accessible after installation
- the power supply cable will not touch any hot metal parts
- the benchtop is made of a heat-resistant material
- exposed bare edges of the cutout are sealed with an oil-based paint or moisture-proof polyurethane to prevent possible damage from moisture creeping between the cooktop trim and the benchtop.

Ventilation requirements

The installer must refer to the current local regulations.

For the United Kingdom and the Republic of Ireland only:

Important!

Regardless of room size, all rooms containing the appliance must have direct access to the outside air via an openable window or equivalent. Some rooms require permanent ventilation in addition to the openable window, as detailed below.

- The appliance should NOT be installed in a bed-sitting room of volume less than 20 m³.
- The appliance should be installed in a room or space with an air supply in accordance with BS 5440:2 2000.
- For rooms with a volume of less than 5 m³, permanent ventilation through a free area of at least 100 cm² will be required.
- For rooms with a volume between 5 m³ and 10 m³, permanent ventilation through a free area of at least 50 cm² will be required, unless the room has a door which opens directly to the outside air, in which case no permanent ventilation is required.
- For rooms with a volume greater than 10 m³, no permanent ventilation is required.
- Where there are other fuel-burning appliances in the same room, BS 5440-2: 2000 should be consulted to determine the correct amount of free area ventilation requirements.
- The above requirements also allow for use of a gas oven and grill, but you need to consult a qualified engineer if there are other gas-burning appliances in the same room.

Electrical connection requirements

- This appliance must be connected to a 220-240 V 50 Hz power supply only and earthed via the power supply cable. In the United Kingdom, the suitably earthed three-pin plug must be protected by a 3 A fuse.
- A suitable isolating switch providing full disconnection from the mains power supply must be incorporated in the permanent wiring, mounted and positioned to comply with the local wiring rules and regulations. The isolating switch must be of an approved type and provide a 3 mm air gap contact separation in all poles (or in all active [phase] conductors if the local wiring rules allow for this variation of the requirements). The isolating switch MUST be easily accessible to the customer with the appliance installed.
- If the power supply cable is damaged, it must be replaced by a cable of the same type. It can only be replaced by the manufacturer, its Service Agent or a similarly qualified person in order to avoid a hazard.
- Note: This appliance is supplied with a power supply cable with a plug suited to the country of sale.

For the United Kingdom and the Republic of Ireland only:

The power supply cable supplied is fitted with a BS1363, 13 A three-pin plug with a 3 A fuse. If this plug does not fit the power outlet in the house where the appliance is installed, it should be replaced with a suitable plug as outlined below. Should the fuse require replacement, it must be replaced with a fuse rated at 3 A and complying with BS1362.

The wires in the power supply cable are coloured as follows:




Green & Yellow = Earth

Blue = Neutral

Brown = Live

As the colours of the wires in the power supply cable may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The green & yellow wire must be connected to the terminal marked E ( Earth) or coloured green.
- The blue wire must be connected to the terminal marked N (Neutral) or coloured black.
- The brown wire must be connected to the terminal marked L (Live) or coloured red.

Fastening the cooktop to the bench

This cooktop is supplied with fastening brackets (and screws) that will cope with a bench thickness of 20-50 mm. For benches thicker than 50 mm, recess the underside to a thickness of 20-50 mm.

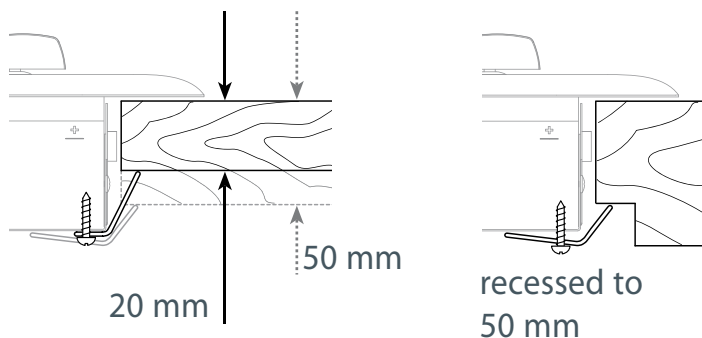


Fig.1 Fastening the cooktop to the bench

Connecting the cooktop to the gas supply

Important!

- *This cooktop is supplied factory-set for Natural gas, but is suitable for installation with either Natural gas or LPG, provided the injectors appropriate for the gas type are installed. Refer to section 'Gas supply and gas rate summary' for nominal ratings and appropriate injector sizes, and to section 'Converting to a different gas type'.*
- *Gas products MUST be installed and tested by a suitably qualified and registered person in accordance with all regulations and standards applicable to the country of installation.*
- Make sure the connection point will be accessible with the cooktop installed.
- To enable the gas supply to be readily shut off, make sure the connection is fitted with an isolating valve close to the cooktop.
- For instructions on converting the cooktop for use with a different gas type, see section 'Converting to a different gas type'.

Special requirements for CG604DWFC and CG905DWFC models

- Gas connection to these cooktops MUST use the elbow supplied. Where a regulator is required to satisfy local market regulations, it must be connected to the elbow to prevent gas leakage.
- In some countries, the supplied elbow has a 1/2" taper male thread (Fig. 2a). In other countries, the supplied elbow has a 1/2" parallel male thread and a conical adaptor (1/2" taper male thread) may be supplied as well (Fig.2b).

Important!

The conical adaptor (if supplied) must be used only in the countries where it is required by the applicable local regulations. Note: if installing the conical adaptor, remember to fit the fibre washer supplied between the adaptor and the elbow.

- Ensure the fibre washer (supplied) is located between the elbow (supplied) and cooktop gas inlet (Figs. 2a and 2b). Failure to use this washer will cause the connection to leak. Tighten the floating nut to firm finger tight, plus an additional ¼ turn (90°).

Gas connection with a flexible hose

- Use a 900-1125 mm long flexible hose and ensure that all pipework is of correct rating for both size and temperature.
- The flexible hose shall be fitted in such a way that it cannot come into contact with a movable part (eg drawer) and does not pass through any space susceptible of becoming congested.
- Ensure that the appliance is restrained or secured so that the flexible hose cannot be strained.
- The hose assembly must be as short as practicable and comply with relevant standards requirements.
- The hose must not be kinked, subjected to abrasion or permanently deformed.
- The hose must not be near or in contact with any hot surfaces (eg base of metal hotplate, flue or chassis of underbench oven etc).

For Natural gas (G20, G25, or G20/G25 depending on gas category):

- In the United Kingdom, the flexible hose should comply with BS669. Parts of the appliance likely to come in contact with a flexible hose have a temperature of less than 70°C.
- In all other countries, the flexible hose should comply with local regulations and standards.

For LPG (G30 G31):

- In the United Kingdom, use a bayonet-type hose suitable for use on LPG up to 50 mbar pressure rise. The flexible hose must be certified for LPG and comply with local regulations and standards.
- In all other countries, the flexible hose should comply with local regulations and standards.

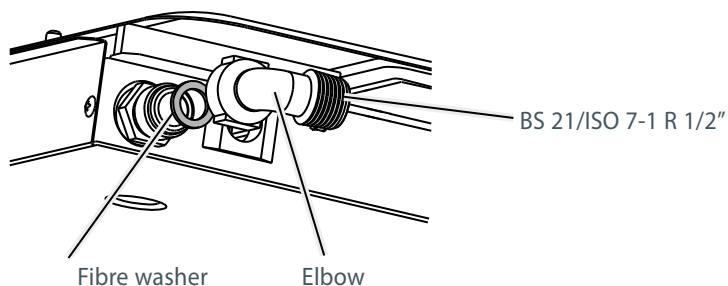


Fig.2a Gas connection to the cooktop:
elbow with 1/2" taper male thread (CG604DWFC and CG905DWFC models)

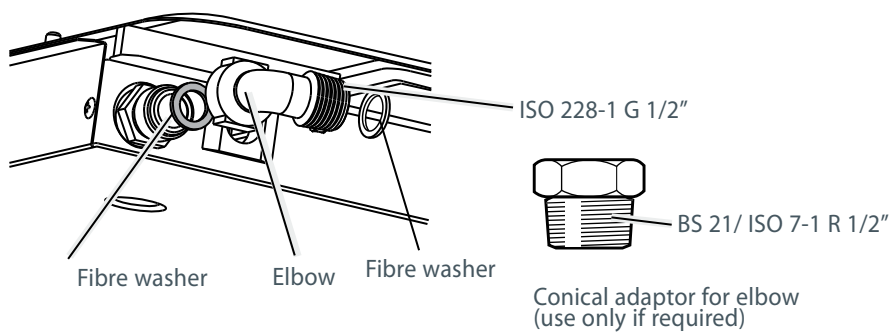


Fig.2b Gas connection to the cooktop:
elbow with 1/2" parallel male thread and conical
adaptor (if required) (CG604 DWFC and CG905DWFC models)

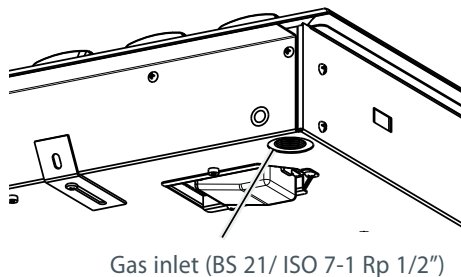


Fig.3 Gas connection to the cooktop
(CG905DWAC models)

Leak-testing and flame-testing the cooktop

Important!

The operation of the cooktop, including the ignition system, must be tested before installation is complete. If, after following the instructions below, satisfactory performance cannot be obtained, contact the local gas authority or your local Authorised Service Centre for advice and assistance.

Checking the connections for leaks

After installation and making all connections, check thoroughly for possible leaks and make sure all connections are gas-tight.

- 1 Turn all control dials to O (OFF).
- 2 Open the valve on the gas supply.
- 3 Check each connection one at a time by brushing a soap and water solution or a suitable leak detection fluid over it.

Important!

Do not use any naked flames to check for leaks.

- The presence of bubbles indicates a leak. Tighten or replace connections as appropriate, then leak-test all connections again. For CG604DWFC and CG905DWFC models, ensure a fibre washer (supplied) is located between the elbow and the cooktop's gas inlet and---if the conical adaptor is installed---between the adaptor and the elbow.

Checking the burner flames

- 1 Light each burner.
 - 2 Check for a well-defined blue flame without any yellow tipping. See Fig.4.
- If any abnormality is evident, check that:
 - the burner cap is located properly
 - the injector nipple is correctly aligned
 - the correct size injectors are installed.

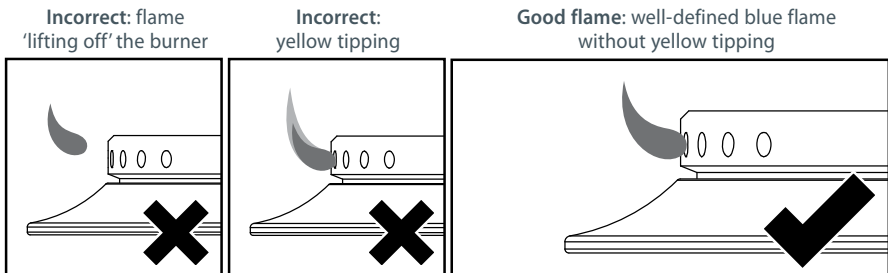


Fig.4 Incorrect and good flame patterns

Converting to a different gas type

Important!

Gas conversion may only be carried out by a suitably qualified and registered person.

- To convert from one gas type to another, you need to replace the injectors and adjust the minimum burner setting.
 - To replace the injectors, you will need a 7 mm box spanner (and a 10 mm ring spanner for CG905DWAC models). These are not supplied.
- 1 Disconnect the cooktop from the power supply.

Important!

Disconnect cooktop from the power supply before continuing.

- 2 Make sure each control dial is turned to O (OFF).
- 3 Remove all the pan supports and burner heads.
- 4 Pull off the control dials.
- 5 Using a 7 mm box spanner, remove the injectors and replace them with the correct ones (size numbers are stamped on the inside, eg 70=0.70 mm). Hold on to the card housing the replacement injectors for later use.

CG905DWAC only

- 6 Remove all the screws holding the burners in place.
- 7 Carefully lift the hob tray off the cooktop.

Important!

Beware of sharp edges.

- 8 Replace the wok burner injector with the correct one using a 10 mm ring spanner.
- 9 Reset the venturi. Loosen the venturi screw, move the venturi towards the injector approx. 2 mm.
- 10 Refit the hob tray on the cooktop, repeating steps 6 and 7 in reverse.
- 11 Check insulation resistance and earth continuity.
- 12 Reconnect the cooktop to the power supply.
- 13 Refit the control dials.
- 14 Adjust the minimum burner setting. See section 'Adjusting the minimum burner setting' following.
- 15 Check that all burners have a good flame (Fig.4).
- 16 To indicate the gas type change, peel the adhesive label off the replacement injector card and apply it over the existing gas type label (on the underside of the cooktop).

Adjusting the minimum burner setting

- This has been adjusted at the factory for Natural gas but may need adjusting for local conditions.
 - **When converting to LPG, the minimum setting MUST be re-adjusted for each burner.**
 - To adjust the minimum setting, you will need a \varnothing 2.5 x 45 mm screwdriver.
- 1 Light the burner and set the control dial to its minimum.
 - 2 Remove the dial.
- 3a For Natural gas (G20, G25, or G20/G25 depending on gas category)**
 Slowly turn the adjustment screw inside the valve shaft until a minimum regular flame is achieved. The flame will diminish when the screw is turned clockwise, and increase when turned anti-clockwise.
- 3b For LPG (G30 G31)**
 Turn the adjustment screw inside the valve shaft clockwise until it comes to a stop. This is the fixed minimum burner setting for LP gas.
- The brass wok burner in the centre of CG905DWAC models may require progressive venturi adjustment (Fig. 6) until a good flame (Fig.4) is achieved:
 - If the flame is 'lifting off' the burner, move the venturi closer to the injector.
 - If there is yellow tipping, move the venturi away from the injector.
- 4 Refit the dial.
 - 5 Check the minimum burner setting: quickly turn the dial from maximum to minimum. The flame must not go out. If it does, repeat the steps above.

Repeat the steps above for each burner.

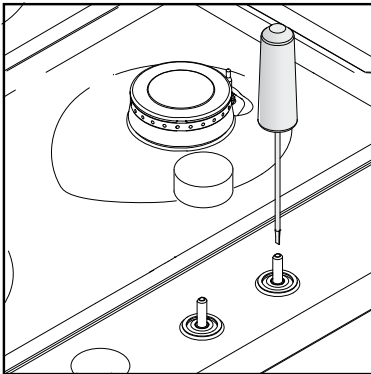


Fig.5 Adjusting the minimum burner setting

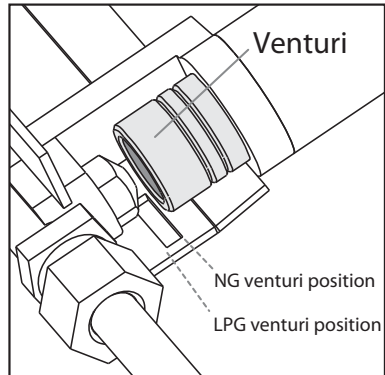


Fig.6 Progressive venturi adjustment for the brass wok burner on CG905DWAC models

Gas supply and gas rate summary

- **Gas supply:** These products are factory-set for Natural gas (G20, G25, or G20/G25 depending on gas category). For conversion to LPG (G30/G31), see section 'Converting to a different gas type'.
- **Classification:** Class 3 – Appliance for building into a kitchen unit or worktop.

Burner	AUXILIARY			SEMI-RAPID			WOK			RAPID		
	Injector marking (kW)	Injector marking (kW)	Gas rate (g/h)	Injector marking (kW)	Injector marking (kW)	Gas rate (g/h)	Injector marking (kW)	Injector marking (kW)	Gas rate (g/h)	Injector marking (kW)	Injector marking (kW)	Gas rate (g/h)
Gas type	NG	LPG	NG	LPG	NG	LPG	NG	LPG	NG	LPG	NG	LPG
CG905DWAC												
I12H3+	75 S 1.0	050 1.1	80	97 Z 1.9	058 M 1.7	124	169 5.5	114 5.5	401	100 Z 2.0	065 2.0	146
I12H3B/P	75 S 1.0	050 1.1	80	97 Z 1.9	058 M 1.7	124	169 5.5	114 5.5	401	100 Z 2.0	065 2.0	146
I12E+3+	75 S 1.0	050 1.1	80	97 Z 1.9	058 M 1.7	124	169 5.5	114 5.5	401	100 Z 2.0	065 2.0	146
I12L3B/P	75 S 1.0	050 1.1	80	97 Z 1.75	058 M 1.7	124	169 5.0	114 5.5	401	103 F2 2.0	065 2.0	146
CG604DWFC, CG905DWFC												
I12H3+	72 X 1.0	50 1.0	73	97 Z 1.75	65 1.75	127	140 3.6	95 3.6	262			
I12H3B/P	72 X 1.0	50 1.0	73	97 Z 1.75	65 1.75	127	140 3.6	95 3.6	262			
I12E+3+	72 X 1.0	50 1.0	73	97 Z 1.75	65 1.75	127	140 3.6	95 3.6	262			
I12L3B/P	72 F1 1.0	50 1.0	73	94 Y 1.75	65 1.75	127	140 F3 3.6	95 3.6	262			
I3B/P	-	50 1.0	73	-	65 1.75	127	-	95 3.6	262			

Gas type	Country code
I12H3+ (G20 20 mbar; G30/G31 28-30/37 mbar)	IE, IT, GB, GR, PT, ES
I12H3B/P (G20 20 mbar; G30/G31 30/30 mbar)	DK, FI, SE
I3B/P (G30/G31 30/30 mbar)	NO
I12E+3+ (G20/G25 20/25 mbar; G30/G31 28-30/37 mbar)	FR, BE, LU
I12L3B/P (G25 25 mbar; G30/G31 30/30 mbar)	NL

Final checklist

TO BE COMPLETED BY THE INSTALLER

- ✓ Have you securely fastened the cooktop to the bench with the supplied brackets?
- All models except CG905DWAC:* Have you used the supplied elbow (and conical adaptor if required) and fibre washer(s) to connect the gas to the inlet on the cooktop?
- Have you leak-tested all connections?
- Are the injector sizes correct for the gas type?
- Is the shut-off valve on the gas supply accessible to the customer?
- Is the power supply isolating switch accessible to the customer?
- Is the cooktop power supply cable plugged into an earthed outlet?
- Check the entire length of the power supply cable: it should not touch any hot metal parts.
- Have you removed all protective film from the stainless steel surfaces?
- Have you disposed of all packaging elements?

OPERATION:

- Do all burners light individually and in combination?
- Do the burners remain lit when turned quickly from maximum to minimum?
- Are the flames consistent, free from any yellow tipping and appropriately sized?
- Have you demonstrated the basic operation to the customer?

Installer's name: _____

Installer's signature: _____

Installation company: _____

Date of installation: _____

LEAVE THESE INSTRUCTIONS WITH THE CUSTOMER

About your new cooktop

Thank you for buying a Fisher & Paykel gas cooktop. Once it is installed and ready to use, you will want to know everything about it to make sure you get excellent results right from the start. We recommend you read the whole guide before using your new cooktop, for both safety and cooking success.

For more information, visit our local website listed on the back cover.

Before using your new cooktop

- Read this user guide, taking special note of the 'Safety and warnings' section.
- Ensure the power supply to the cooktop is turned on.

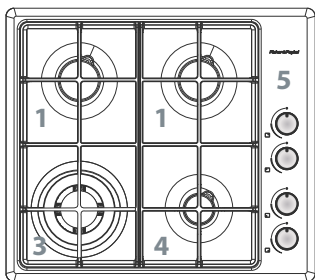


Fig.7 Cooktop layout - CG604DWFC (with flame failure protection)

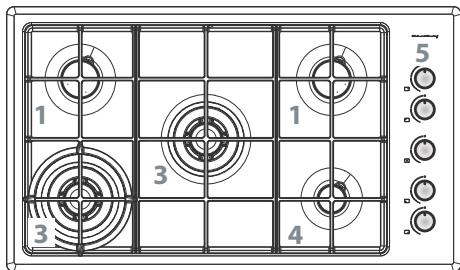


Fig.8 Cooktop layout - CG905DWFC (with flame failure protection)

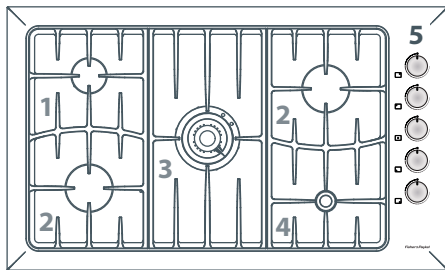


Fig.9 Cooktop layout - CG905DWAC (with auto-reignition)

- 1 Semi-rapid burner
- 2 Rapid burner
- 3 Wok burner
- 4 Auxiliary burner
- 5 Control dials

Control dials

The dials control the flow of gas through the valve.

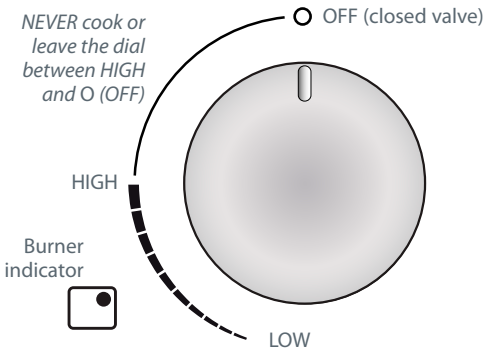


Fig. 10 Control dial for CG604DWFC & CG905DWFC models

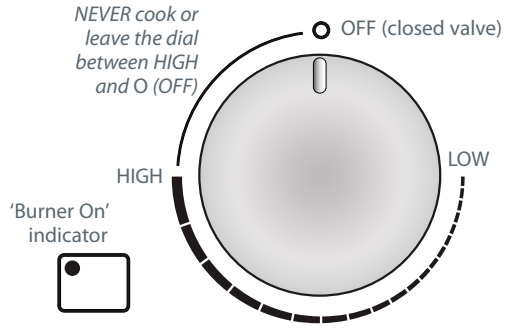


Fig. 11 Control dial for CG905DWAC models

Using the burners

Models with auto-reignition (CG905DWAC)

- 1 Press the selected burner's dial down gently and turn it anti-clockwise to HIGH.
 - The igniters on all the burners will spark.
 - You do not need to hold the dial down.
- 2 Adjust the flame anywhere between HIGH and LOW. Do not adjust between HIGH and O (OFF).
- 3 After use, always turn the dials to O (OFF).

Models with flame failure protection (CG905DWFC, CG604DWFC)

- 1 Press the selected burner's dial down gently and turn it anti-clockwise to HIGH.
 - The igniters on all the burners will spark.
- 2 Hold down the dial for about 5 seconds after the burner has lit. Releasing the dial too soon will extinguish the flame.
- 3 Adjust the flame anywhere between HIGH and LOW. Do not adjust between HIGH and O (OFF).
- 4 After use, always turn the dials to O (OFF).

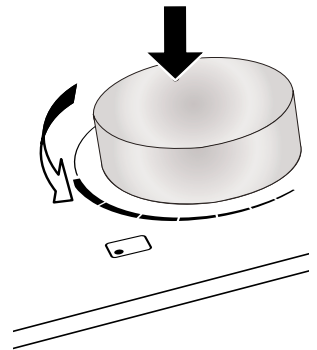


Fig. 12 Pressing down then turning the control dial

If a burner does not light

Turn the control dial to O (OFF) and wait at least 1 minute before trying again. This is to allow the gas to disperse. If after trying again the burner still does not light, check that:

- the cooktop is plugged in and the power supply is switched on
- there is no power failure in your home or neighborhood
- the gas is turned on
- the gas bottle is not empty (if you use bottled gas)
- you have allowed at least 5 seconds for the valve to open when lighting the first burner (CG905DWAC models only)
- the igniters are sparking. If they are not sparking, they may be dirty or wet. Clean them with a toothbrush and methylated spirits, as shown in Fig. 13 below. See 'Care and cleaning' for instructions on removing and replacing the burner parts.

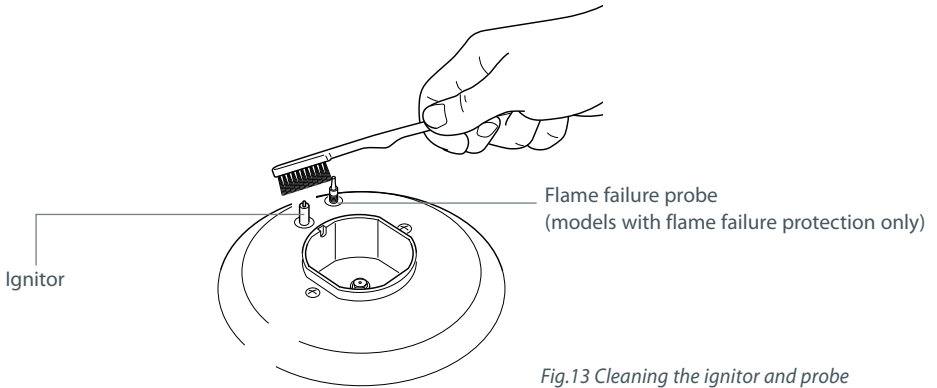


Fig.13 Cleaning the ignitor and probe

If the flame is irregular

Check that the burner parts (flame spreader and burner cap) are:

- clean and dry
- positioned correctly, as shown in Figs. 14 and 15.

For further advice, see sections 'Care and cleaning' and 'Troubleshooting'.

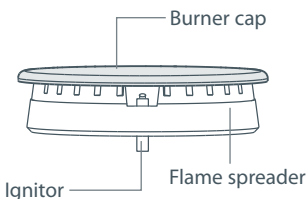


Fig.14 Burner parts

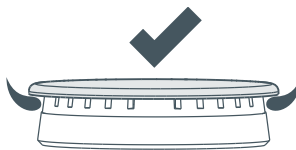


Fig.15 Correct assembly of burner parts

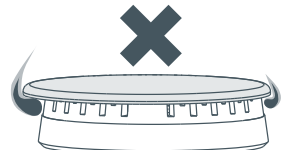


Fig.16 Incorrect assembly of burner parts, resulting in irregular flames

If there is a power failure

Models with auto-reignition (CG905DWAC)

- The gas supply will be cut off, even if a burner is in use.
- The cooktop cannot be used if there is a power failure. Wait until power is restored.
- If a control dial is still turned on when the power is restored, the corresponding 'Burner On' indicator light will flash rapidly. Turn the burner off and light it again to resume cooking.

Models with flame failure protection (CG905DWFC, CG604DWFC)

- You can still use your cooktop.
- Light the burners by holding a match close to the side of the burner and pressing down then turning the control dial to HIGH. Wait until the flame is burning evenly before adjusting.

If the flame is accidentally extinguished

Models with auto-reignition (CG905DWAC)

The auto-reignition system will detect this. The ignitors will spark and relight the burner. If no flame is detected after about 5 seconds, the gas supply to the cooktop will be cut off and the 'Burner On' indicator will flash slowly. In this event, turn the burner off and relight it to resume cooking. See also 'Troubleshooting'.

Models with flame failure protection (CG905DWFC, CG604DWFC)

The flame failure protection will automatically cut the gas supply to the burner off. Turn the corresponding dial to O (OFF) and do not try to relight it for at least 1 minute (to allow the gas to disperse).

Cooking guidelines

Important!

- *Never leave the cooktop unattended when in use. Boilover causes smoking and greasy spills that may ignite.*
- *Take care when deep-frying: oil or fat can overheat very quickly, particularly on a high setting.*
- Start cooking on a high setting. When food comes to the boil, reduce the setting and maintain a steady heat to cook your food thoroughly. Doing this will reduce the cooking time.
- Using a lid will reduce cooking times through retaining the heat.
- Minimise the amount of liquid to reduce cooking times.

Cookware



Fig. 17 Efficient and inefficient saucepan bases

- Use saucepans with thick flat bases. Food in a saucepan with an uneven base will take longer to cook.
- Do not let large saucepans or frying pans overlap the bench, as this can deflect heat onto your benchtop and damage its surface.
- Always make sure saucepans are stable. Using very heavy saucepans may bend the pan supports or deflect the flame.
- Make sure the size of the pan matches the size of the burner. A small pot on a large burner is not efficient. The following table shows the minimum and maximum saucepan base diameters that may be used on each burner:

Burner	CG604DWFC, CG905DWFC		CG905DWAC		
	Min. Ø	Max. Ø	Min. Ø	Max. Ø	
Semi-rapid	16 cm	24 cm	12 cm	-	
Rapid			18 cm	26 cm	
Wok	<i>regular pans</i>	26 cm	28 cm	18 cm	26 cm
	<i>woks</i>	-	36 cm	-	45 cm
Auxiliary	12 cm	14 cm	12 cm	-	

Using a wok

- Use your wok only on a wok burner.
- On CG604DWFC and CG905DWFC models, a wok must always be used with the wok stand supplied. See Fig.18.
- The centre pan support of CG905DWAC models is shaped to take a traditional wok with a round base, but you may also use a wok stand for extra stability (not supplied, purchased optionally).
- Make sure the wok does not push any other pans aside. This could make them unstable, or deflect heat onto nearby walls or the benchtop.

Important!

Make sure that the wok stand is stable: its notches need to fit tightly on the grating.

- Note: to purchase additional wok stands, contact Customer Care.

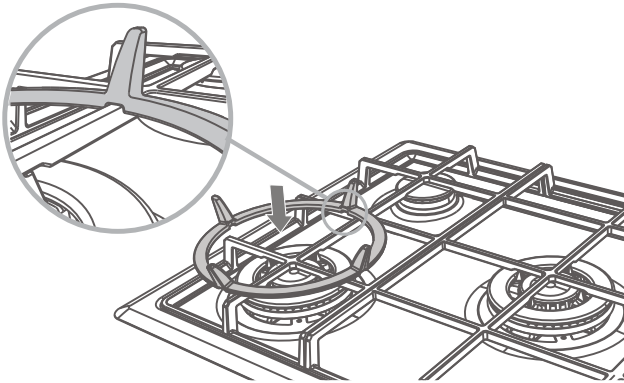


Fig.18 Using wok stand on CG905DWFC and CG604DWFC models (not supplied but purchased optionally for CG905DWAC models)

Important!

Before any cleaning or maintenance, always:

- *turn all burners off*
- *disconnect the cooktop from the power supply*
- *make sure that the cooktop and its parts are a safe temperature to touch.*

General advice

- Clean the cooktop regularly—do not let stains become burnt on.
- Do not use abrasive cleaners, cloths or pads to clean any part of your cooktop. Some nylon scourers may also scratch. Check the label.
- Make sure that no cleaner residue is left on any cooktop part; when heated, these could stain the cooktop.
- See the following pages for instructions on replacing the pan supports and reassembling the burners correctly after cleaning.
- Do not clean cooktop parts in a self-cleaning oven.
- Do not use a steam cleaner.

What? <i>How often?</i>	How?	<i>Important!</i>
<p>Stainless steel base <i>After every use</i></p>	<ol style="list-style-type: none"> 1 Soak any stubborn stains under a hot soapy cloth. 2 Wipe the soiling off with a cloth using a mild household detergent or stainless steel cleaner. 3 Wipe with a clean damp cloth. 4 Wipe the surface dry with a microfibre cloth. 5 For extra shine, use a suitable stainless steel polish. <ul style="list-style-type: none"> ▪ Hard water spots can be removed with household white vinegar. 	<ul style="list-style-type: none"> ▪ <i>Do not use abrasive cleaners, steel soap pads or sharp objects on stainless steel.</i> ▪ <i>Always read the label to make sure that your stainless steel cleaner does not contain chlorine compounds as these are corrosive and may damage the appearance of your cooktop.</i> ▪ <i>Always rub the stainless steel in the direction of the grain.</i> ▪ <i>The graphics are etched onto the steel by laser and will not rub off.</i>
<p>Control dials <i>As needed</i></p>	<ol style="list-style-type: none"> 1 Wipe with a damp cloth and mild detergent. 2 Dry thoroughly with a soft cloth. 	<p><i>Do not use stainless steel or oven cleaner on the dials, as doing so may damage their coating.</i></p>

What? <i>How often?</i>	How?	<i>Important!</i>
<p>Burner parts, pan supports, wok stand <i>As needed, but at least once a month</i></p>	<ol style="list-style-type: none"> 1 Remove the parts that you wish to clean. 2 See the Figs. following for illustrations of removable burner parts. 3 Soak stubborn stains in a solution of biological clothes washing detergent. 4 Clean the parts in hot soapy water. Use a stiff nylon brush or straight-ended paper clip to clear the notches of a flame spreader. 5 Rinse in warm water. 6 Dry thoroughly. 7 Replace the parts correctly, following Figs. 19-23. <ul style="list-style-type: none"> ■ These parts are also dishwasher safe. ■ To remove discolouration and for extra shine, clean the brass wok burner parts with brass cleaner (CG905DWAC models only). 	<ul style="list-style-type: none"> ■ <i>Make sure you keep the notches of the flame spreaders clear. Soiling may clog these and cause problems.</i> ■ <i>Before replacing the burner parts, make sure that they are completely dry. Wet burner parts may result in an irregular flame. Before lighting a burner you have reassembled, check that all of its parts have been positioned correctly. Incorrect assembly can cause dangerous irregular flames and ignition problems.</i>
<p>Ignitor and probe <i>At least once a month</i></p>	<p>Clean these very carefully using a toothbrush and methylated spirits (see Fig. 13).</p>	<ul style="list-style-type: none"> ■ <i>The ignitor ensures trouble-free sparking and the probe ensures that the safety valves operate correctly. Check the ignitor and probe regularly to make sure they are clean.</i> ■ <i>Note: only models with flame failure protection have probes.</i>
<p>All gas components of the cooktop <i>Once every 3-4 years</i></p>	<ul style="list-style-type: none"> ■ Contact your local Authorised Service Centre to perform a thorough check on all gas components on the cooktop. ■ For Authorised Service Centre details, see your Service & warranty book or contact Customer Care. 	<ul style="list-style-type: none"> ■ <i>All checking and maintenance must be performed by a suitably qualified person.</i> ■ <i>If the gas is connected with a flexible hose, checking should include inspecting the entire length of the flexible hose assembly for any sign of wear or damage.</i>

Replacing the pan supports correctly

CG905 models

The wok support goes in the centre, over the wok burner. The other two pan supports are interchangeable, but need to be rotated to match the **rounded corners** of the cooktop base.

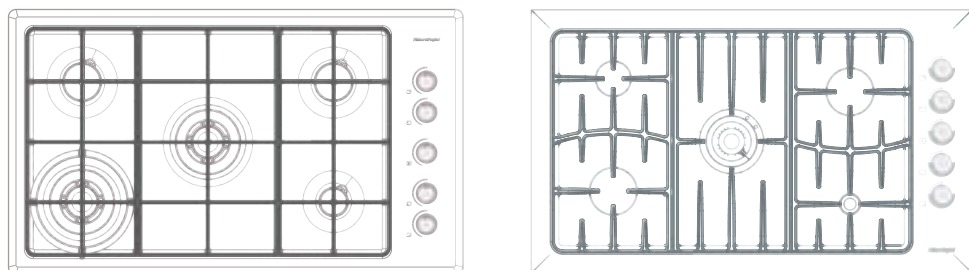
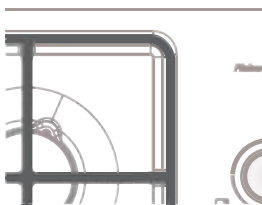


Fig.19 Correct positioning of pan supports (CG905 models)

CG604 models

The pan supports are interchangeable, but they can only be placed as shown and need to be rotated to match the **rounded corners** of the cooktop base.

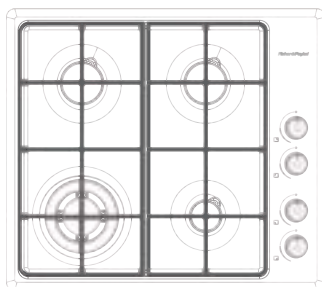


Fig.20 Correct positioning of pan supports (CG604 models)

Replacing the burner parts correctly

Semi-rapid, rapid, and auxiliary burners

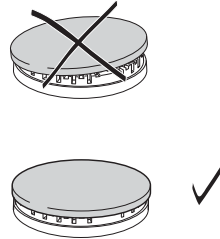
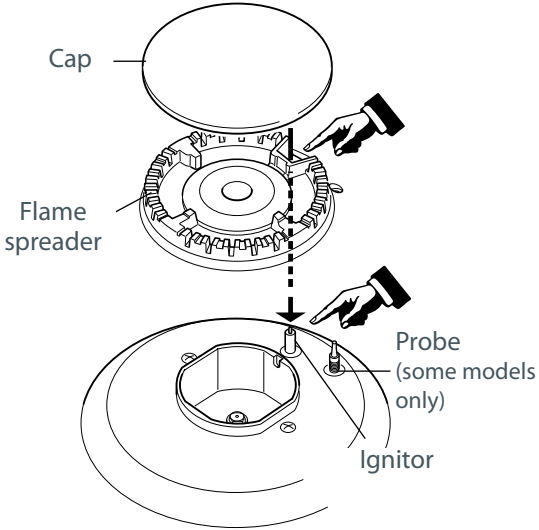


Fig.21 Correct positioning of semi-rapid, rapid, and auxiliary burner parts

Wok burner with cast iron cap and ring (CG604DWFC and CG905DWFC models)

Fit the flame spreader to the housing as shown by the arrow in Fig.22 following. Make sure the burner is not able to rotate.

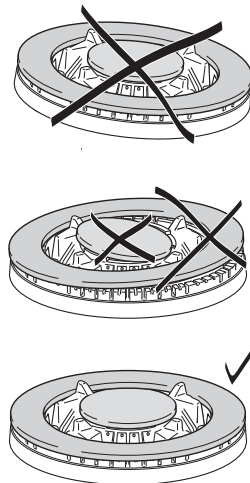
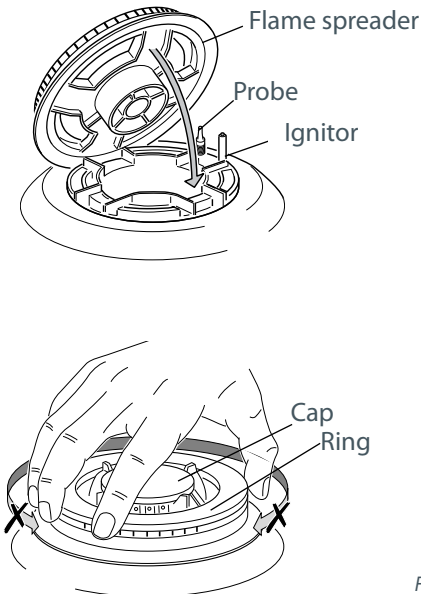


Fig.22 Correct positioning of cast iron wok burner parts

28 Care and cleaning

Brass wok burner (CG905DWAC models only)

- Each part of the brass wok burner has locating pins to help you to assemble it correctly after cleaning. See Fig.23 below.
- Note: the brass parts of your wok burner will change colour with use. However, this will not affect performance and you can clean the brass parts with a brass cleaner.

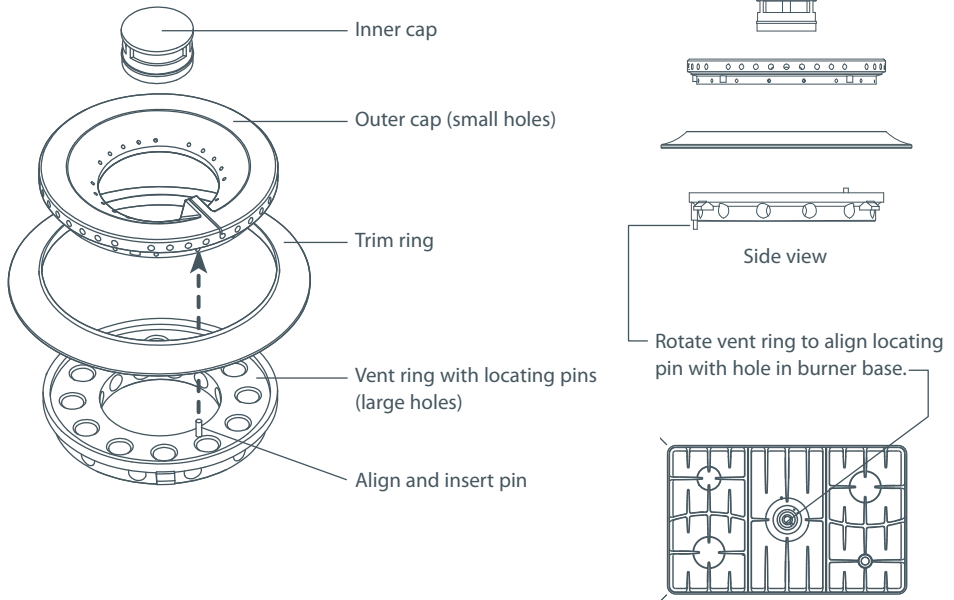


Fig.23 Correct positioning of brass wok burner parts (CG905DWAC models only)

Problem	Possible solutions
A burner does not light.	<ul style="list-style-type: none"> ▪ Check that the cooktop is connected to the power supply and there is no power failure. ▪ Check the gas supply valve is turned on and the supply to the house is working. You should hear the gas when you turn a burner on. ▪ If you use bottled gas, check that it is not empty. ▪ The ignitors may be dirty. Clean them with a toothbrush and methylated spirits, as shown in Fig. 13. ▪ The burner parts may not be located properly. Check the assembly and make sure the burner cap is sitting flat. See 'Care and cleaning'.
The flames are yellow or hard to start.	<ul style="list-style-type: none"> ▪ The burner parts may not be located properly. Check the assembly and make sure the burner cap is sitting flat. See 'Care and cleaning'. ▪ If you use bottled gas, this may indicate you are getting near the end of the bottle. ▪ Check the burner parts are clean and dry. ▪ The gas pressure may not be at the correct level. Check this with your service person or installer. ▪ Your cooktop may not be set up for the gas you are using. Check this with your service person or installer.
One of my burners has an uneven flame.	<ul style="list-style-type: none"> ▪ Check the burner parts are clean and dry. ▪ The burner parts may not be located properly. Check the assembly and make sure the burner cap is sitting flat. See 'Care and cleaning'.
The flame goes out at low settings.	<ul style="list-style-type: none"> ▪ The gas supply pressure may be low. Check this with your service person or installer. ▪ The low setting may have been adjusted incorrectly. Check this with your service person or installer. ▪ If you use bottled gas, this may indicate you are getting near the end of the bottle.
My burners do not turn down much (when running on bottled gas or LPG).	Your cooktop may not have been adjusted correctly. Check this with your service person or installer.
The flame tips are very yellow.	Call your service person to service the cooktop.

Problem	Possible solutions
There is a power failure.	<p><i>Models with auto-reignition (CG905DWAC)</i></p> <ul style="list-style-type: none"> ▪ The gas supply will be cut off, even if a burner is in use. ▪ The cooktop cannot be used if there is a power failure. Wait until power is restored. ▪ If a control dial is still turned on when the power is restored, the corresponding 'Burner On' indicator will flash rapidly. Turn the burner off and light it again to resume cooking. <p><i>Models with flame failure protection (CG905DWFC, CG604DWFC)</i></p> <ul style="list-style-type: none"> ▪ You can still use your cooktop. ▪ Light the burners by holding a match close to the side of the burner and pressing down then turning the control dial to HIGH. Wait until the flame is burning evenly before adjusting.
The flame has accidentally been extinguished.	<p><i>Models with auto-reignition (CG905DWAC)</i></p> <ul style="list-style-type: none"> ▪ The auto-reignition system will detect this. The ignitors will spark and relight the burner. ▪ If no flame is detected after about 5 seconds, the gas supply to the cooktop will be cut off and the 'Burner On' indicator will flash slowly. In this event, turn the burner off and relight it to resume cooking. <p><i>Models with flame failure protection (CG905DWFC, CG604DWFC)</i></p> <ul style="list-style-type: none"> ▪ The flame failure protection will automatically cut the gas supply to the burner off. ▪ Turn the corresponding dial to O (OFF) and do not try to relight it for at least 1 minute (to allow the gas to disperse).
CG905DWAC models only: All my 'Burner On' indicators are flashing.	Turn all the control dials to O (OFF) and restart.

Before you call for service or assistance ...

Check the things you can do yourself. Refer to the installation instructions and your user guide and check that:

- 1 Your product is correctly installed.
- 2 You are familiar with its normal operation.

If after checking these points you still need assistance, please refer to the Service & Warranty book for warranty details and your nearest Authorised Service Centre, Customer Care, or contact us through our local website listed on the back cover.

This cooktop has been designed and constructed in accordance with the following codes and specifications:

Safety requirements of EEC Directive "Gas" 90/396

- EN 30-1-1
- EN 30-2-1
- EN 437

Safety requirements of EEC Directive "Low voltage" 2006/95:

- EN 60335-1 General Requirements for Domestic electrical appliances
- EN 60335-2-6 Particular Requirements for Domestic electrical cooking appliances

Safety requirements of EEC Directive "EMC" 2004/108

- EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3 Electromagnetic Compatibility Requirements

Requirements of EEC Directive 93/68

Product details

Fisher & Paykel Ltd

Model _____ Serial no. _____

Date of purchase _____ Purchaser _____

Dealer _____ Suburb _____

Town _____ Country _____

www.fisherpaykel.co.uk
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