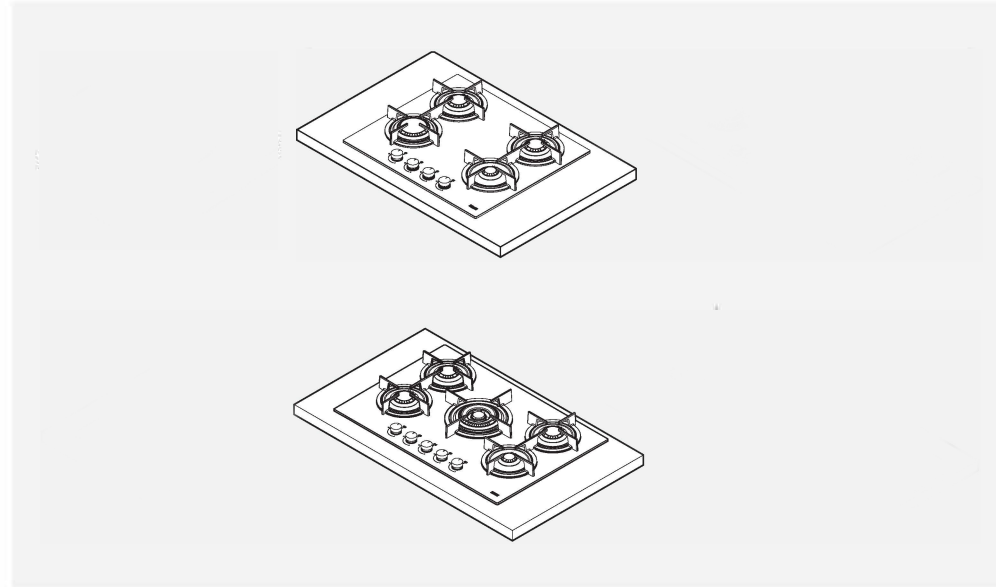


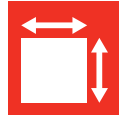
MYTHOS



FHCR 604 4G HE BK C
FHCR 905 4G TC HE BK C

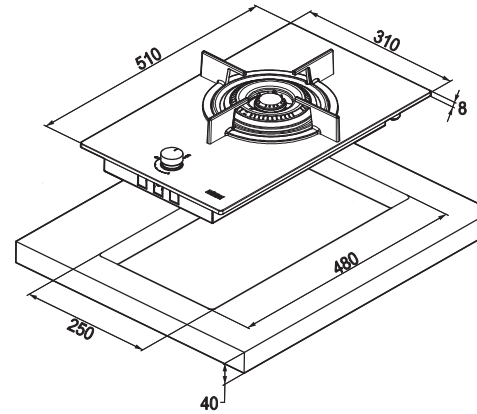
EN Installation manual

Gas Hob



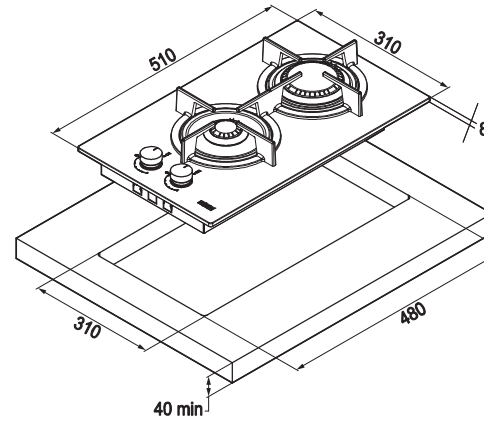
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FH CR 301 1TC



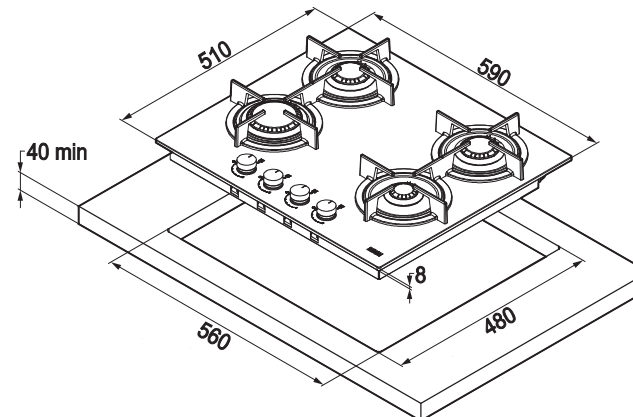
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FH CR 302 2G



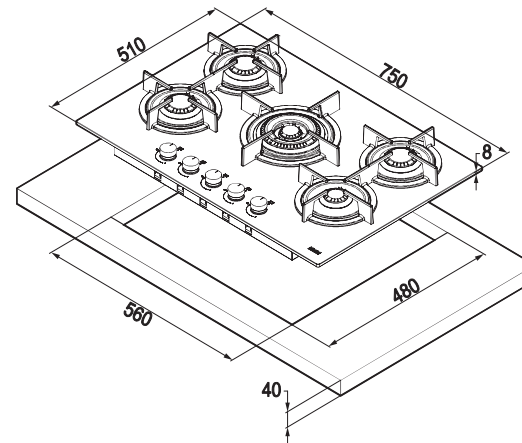
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FH CR 604 4G



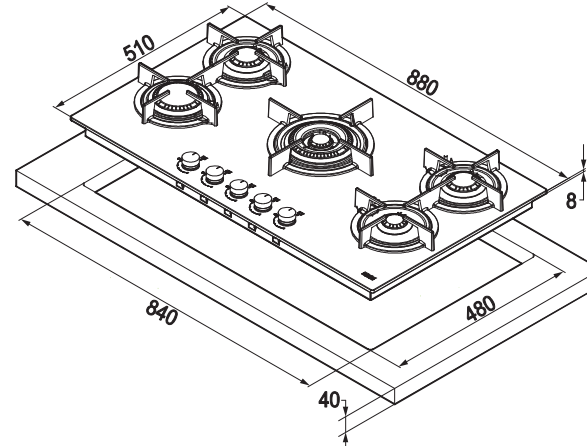
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FH CR 755 4G TC



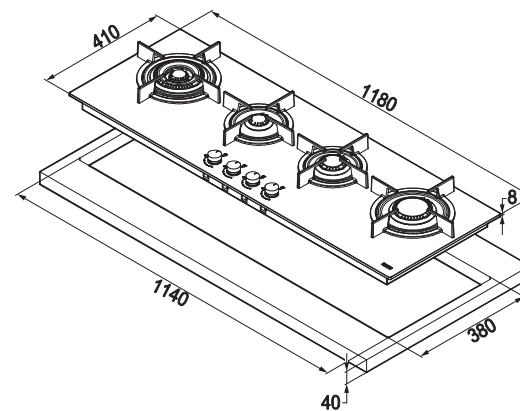
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FH CR 905 4G TC



F

FH CR 1204 3G TC





1

A FH CR 301 1TC

D FH CR 755 4G TC

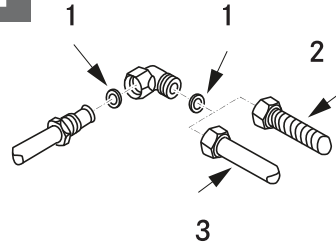
B FH CR 302 2G

E FH CR 905 4G TC

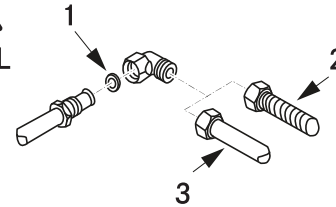
C FH CR 604 4G

F FH CR 1204 3G TC

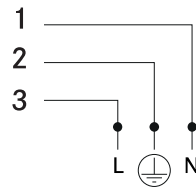
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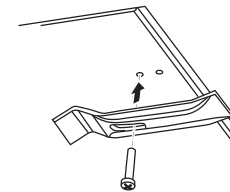
UK, IRL



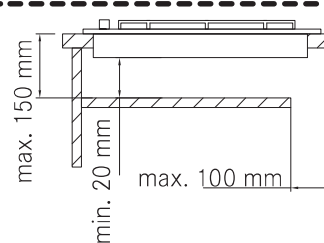
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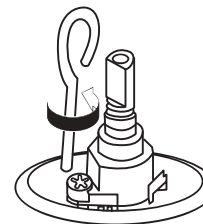
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5



6



INSTALLATION

Installation must be carried out in compliance with current standards and regulations.

Installation must only be carried out by specialized and licensed personnel. The manufacturer declines any liability for injury to persons or damage to things due to failure non-compliance with these provisions.

The gas connection must comply with the regulations in force in the country at the time of installation.

Identification plate

The identification plate is located underneath the appliance.

Cabinet requirements

This handbook refers to a class 3 built-in gas hob and type Y for electric part. It is essential to make the opening in the most convenient position, bearing in mind that the gas pipe must not come into contact with the sides of any oven under the hob.

If fitting in flammable material, the guidelines and standards for low voltage installations and for the fire protection must be strictly observed.

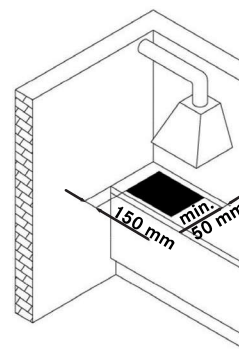
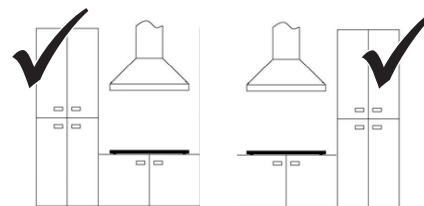
For fitted units, the components (plastic materials and veneered wood) must be assembled with heat-resistant adhesives (min. 100°C): Unsuitable materials and adhesives can result in warping and detachment.

The kitchen element must allow sufficient room for the electrical connections of the appliance.

Suspended kitchen elements above the appliance must be installed at a distance that provided enough room for comfortable working process.

Important: These devices are „Y“ type with respect to the degree of protection against the dangers of fire. The use of hard wood decorative borders around the worktop behind the appliance is allowed, providing a minimum distance from the edge appliance of 50 mm for the side wall, 50 mm for the rear and 700 mm for any cabinets above it.

The appliance is recommended to be built into 50 mm thick worktops. In case the dimensions are different, eventual modifications have to be managed by the technician.



Ventilation of rooms

Make sure the room where the appliance is installed has permanent ventilation openings towards the outside or ventilation ducts to ensure an adequate air flow, as prescribed by the current regulations. All openings made must:

- Have a section of at least 100 cm²;
- Be made in such a way that they cannot be obstructed from inside or outside;
- Be provided with suitable protection to ensure that the ventilation opening is not reduced;
- Be at a suitable height from floor so that they do not hinder the exhausting of fumes.

If openings are made in the wall of an adjacent room, the latter must have direct ventilation and must not be:

- A bedroom
- A common area of the building
- A fire hazard area

Before testing and inspecting the appliance, make sure the room in which the ventilation opening is made does not have low pressure due to the operation of another user and that the ventilation between the two rooms is guaranteed by permanent free openings, for example by increasing the gap between the bottom of the door and the floor. The exhausting of fumes must occur by means of a hood which, in turn, must be connected to a chimney, flue, or directly to the outside.

Installation procedure

The appliance is fixed to the unit by means of the brackets and accessories provided.

- Make sure that there is free access to the two fixing elements in front after the installation of the appliance.

1

- Prepare the hole in the worktop according to the dimensions indicated.
- Mill the worktop along the entire edge of the hole made for built-in installation. Be sure to comply with the dimensions indicated.

2

- Refer to the information in chapter „Connection to gas supply“ before connecting the appliance.
- Connect the appliance to the gas supply.

3

- Refer to the information in chapter „Electrical connection“ before connecting the appliance.
- Connect the appliance to the power supply.

4

- Fit the appliance in the worktop correctly.
- Apply the sealing strip around the hole and position the hob.
- Fix the appliance with the screws and brackets.
- Remove any excess sealing strip.

5

If the appliance is not installed above an oven:

- Arrange a separator baffle.

6**Minimum flame adjustment**

- Remove the knobs (push-on type).
- Light the burners.
- Adjust the minimum flame by turning the adjustment screw clockwise to decrease the flame and anticlockwise to increase it. The screwdriver for adjustment is supplied with the accessories.

Connection to gas supply

Connect the appliance to the gas supply in compliance with the current regulations, only after making sure it is arranged for the type of gas to be used. Otherwise, carry out the operations described in the section on „replacing injectors”.

For liquid gas use pressure regulators complying with the current regulations. Connection to the gas supply can be made in two ways:

A

- Connect the gas hob using a 12 mm diameter rigid copper pipe (3). To ensure a good seal, use the elastomer gasket supplied as an accessory (1).

B

- Connect the hob using a continuous-surface flexible steel tube (2).

Also in this case, to ensure a good seal use the gasket supplied as an accessory (1).

Make sure to comply with the current regulations on gas systems.

- After carrying out the connection use soapy water to check for any leaks.

Electrical connection

The FRANKE cooking hob comes with a 3-core power cable with free terminals.

- Make sure the characteristics of the household electrical system (voltage, maximum power and current) are compatible with those of the appliance.

If the appliance is to be permanently connected to the power supply:

- Install a device that enables disconnection from the power supply, with a contact opening distance (3 mm) that ensures complete disconnection in category III overvoltage conditions.
- Ensure the following:
 - The characteristics of your household electrical power supply (voltage, maximum output and current) are compatible with those of your FRANKE hob.
 - The plug and socket are suitable for a 16 A current.
 - The plug and the socket can be easily reached and are positioned so that no live part is accessible when inserting or removing the plug.
 - The plug can be inserted without difficulty and is accessible with the appliance installed.
 - The appliance does not rest against the plug when installed in the worktop.
 - A 3 x 0.75 mm² H05RR-F type cable for completely gas hobs is used when replacing the power cable.
 - The terminals of two appliances are not connected to the same plug.
 - The polarities of the free terminals (Blue = Neutral = (1) / Yellow and Green = Earth = (2) / Brown = Live = (3)) are respected.

Replacing injectors

Important: All the appliances are factory-set for natural gas (G20). If a different type of gas is to be used, change the injectors as follows:

- ▶ Remove the grids, burner caps and flame-spreaders;
- ▶ Unscrew the injectors and replace them with those provided and suitable for the gas supply, making sure the marking matches that given in the table;
- ▶ Refit the flame-spreaders, burner caps and grids;

These burners do not require air adjustment.

Accessing the hob

To access the tray containing the functional parts, proceed as follows:

- ▶ Remove the grids, burner caps and flame-spreaders;
- ▶ Remove the knobs, sliding them off their pins;
- ▶ Remove the screws that fix the burners to the hob;
- ▶ Lift the hob.

Important: When converting the appliance to a different type of gas, place the corresponding sticker (supplied as an accessory) in the special space on the data plate. For operation with LPG (G30 or G31), the minimum flame adjustment screw must be fully screwed down. These appliances are supplied in cat. II 2H3+.

REPAIR

If the power cable is damaged, it must be replaced by the manufacturer or the service or else by a person with similar qualifications, in order to avoid any risks.

Warning!

- ▷ Before attempting any repairs on the appliance, disconnect the power supply.

TECHNICAL DATA

► Refer to the data plate placed on the bottom side of the product.

Product identification

Appliance gas category: II 2H3+

Models: FH CR 301 1TC, FH CR 302 2G, FH CR 604 4G, FH CR 755 4G,
FH CR 905 4G, FH CR 1204 3G

This appliance complies with the following EC Directive: 90/396/EEC (Gas)

Further information on technical data is available on: www.franke.com

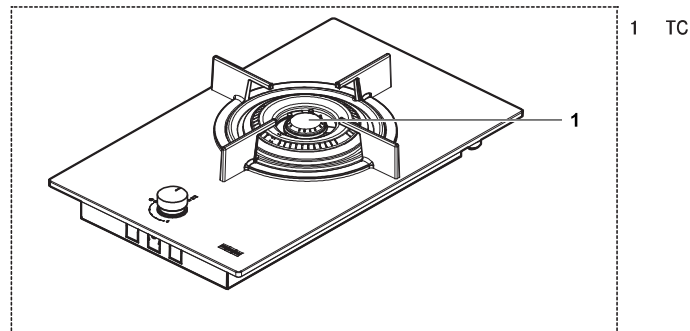
Power and burner values

Burner	Rated power (kW)	Reduced power (kW)
TC	4	1.8
R	3	0.7
SR	1.75	0.45
SR PLUS	1.9	0.45
AUX	1	0.3

Power and burner values

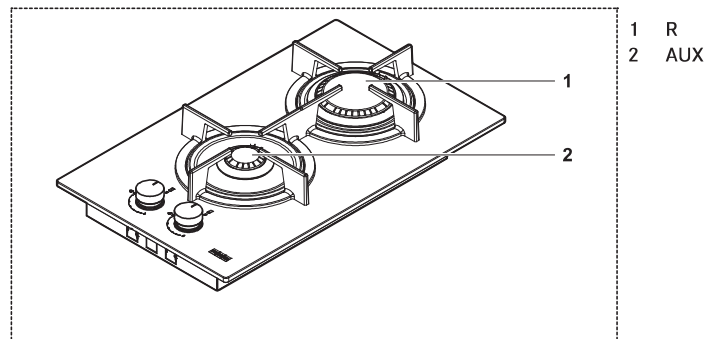
Burner	Rated capacity G20 (m³/h)	Injectors G20 20 mbar (100/mm)	Rated capacity G30 / G31 (g/h)	Injectors G30 / G31 28-30/37 mbar (100/mm)
TC	0.381	E(2x1,01) + I(1x0,68)	291	E(2x0,69) + I(1x0,45)
R	0.286	1.28	218	0.87
SR	0.167	1.03	127	0.67
SR PLUS	0.181	1.06	138	0.69
AUX	0.095	0.78	73	0.5

FH CR 301 1TC



Parameter	Value	Dimensions (mm)	
Working dimensions (W x D)	-	310 x 510	
Power supply voltage / frequency	220-240 V, 50/60 Hz	-	
Power / Current	0.6 W / 16 A		
Total installed gas rated power	4.00 kW		
Total rated capacity - gas G20	0.381 m ³ /h		
Total rated capacity - gas G30 / G31	291 g/h		
Air necessary for combustion (2 m ³ /h per kW of installed gas rated power)	8.00		
Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	7.5 / 6.5	kg
Number of burners		1	
Heat source of each burner		Gas	

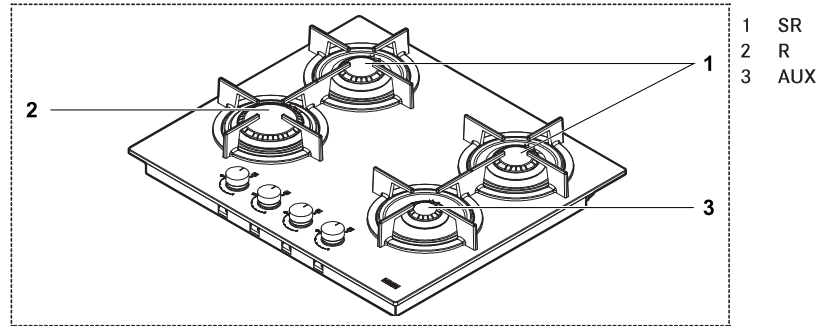
FH CR 302 2G



Parameter	Value	Dimensions (mm)
Working dimensions (W x D)	-	310 x 510
Power supply voltage / frequency	220-240 V, 50/60 Hz	-
Power / Current	0.6 W / 16 A	
Total installed gas rated power	4.00 kW	
Total rated capacity – gas G20	0.381 m³/h	
Total rated capacity – gas G30 / G31	291 g/h	
Air necessary for combustion (2 m³/h per kW of installed gas rated power)	8.00	

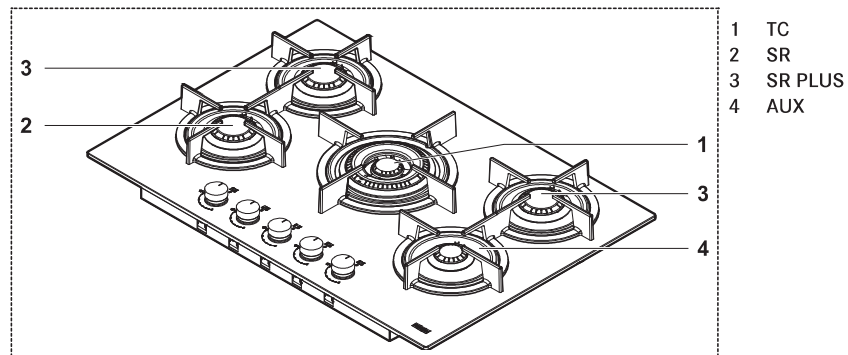
Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	7.5 / 6.5	kg
Number of burners		2	
Heat source of each burner		Gas	

FH CR 604 4G



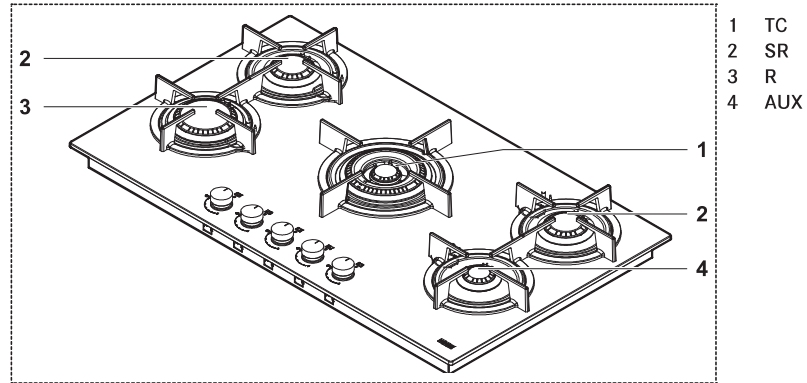
Parameter	Value	Dimensions (mm)	
Working dimensions (W x D)	–	590 x 510	
Power supply voltage / frequency	220-240 V, 50/60 Hz	–	
Power / Current	0.6 W / 16 A		
Total installed gas rated power	7.50 kW		
Total rated capacity – gas G20	0.715 m³/h		
Total rated capacity – gas G30 / G31	545 g/h		
Air necessary for combustion (2 m³/h per kW of installed gas rated power)	15.00		
Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	14 / 12	kg
Number of burners		4	
Heat source of each burner		Gas	

FH CR 755 4G TC



Parameter	Value	Dimensions (mm)	
Working dimensions (W x D)	-	750 x 510	
Power supply voltage / frequency	220-240 V, 50/60 Hz	-	
Power / Current	0.6 W / 16 A		
Total installed gas rated power	10.55 kW		
Total rated capacity - gas G20	1.005 m ³ /h		
Total rated capacity - gas G30 / G31	767 g/h		
Air necessary for combustion (2 m ³ /h per kW of installed gas rated power)	21.10		
Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	18 / 15.5	kg
Number of burners		5	
Heat source of each burner		Gas	

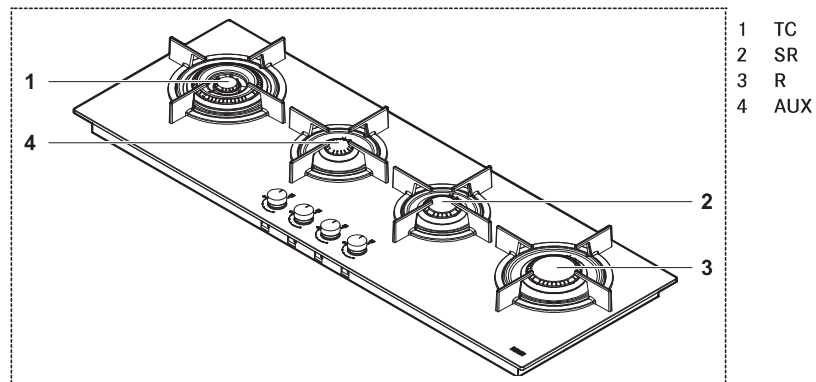
FH CR 905 4G



- 1 TC
- 2 SR
- 3 R
- 4 AUX

Parameter	Value	Dimensions (mm)	
Working dimensions (W x D)	-	880 x 510	
Power supply voltage / frequency	220-240 V, 50/60 Hz	-	
Power / Current	0.6 W / 16 A		
Total installed gas rated power	11.50 kW		
Total rated capacity - gas G20	1.096 m³/h		
Total rated capacity - gas G30 / G31	836 g/h		
Air necessary for combustion (2 m³/h per kW of installed gas rated power)	23.00		
Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	19.5 / 17.5	kg
Number of burners		5	
Heat source of each burner		Gas	

FH CR 1204 3G TC



Parameter	Value	Dimensions (mm)
Working dimensions (W x D)	-	1180 x 410
Power supply voltage / frequency	220-240 V, 50/60 Hz	-
Power / Current	0.6 W / 16 A	
Total installed gas rated power	9.75 kW	
Total rated capacity - gas G20	0.929 m ³ /h	
Total rated capacity - gas G30 / G31	709 g/h	
Air necessary for combustion (2 m ³ /h per kW of installed gas rated power)	19.50	

Parameter	Symbol	Value	Unit of measure
Appliance weight (gross / net)	M	24 / 18.5	kg
Number of burners		4	
Heat source of each burner		Gas	

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