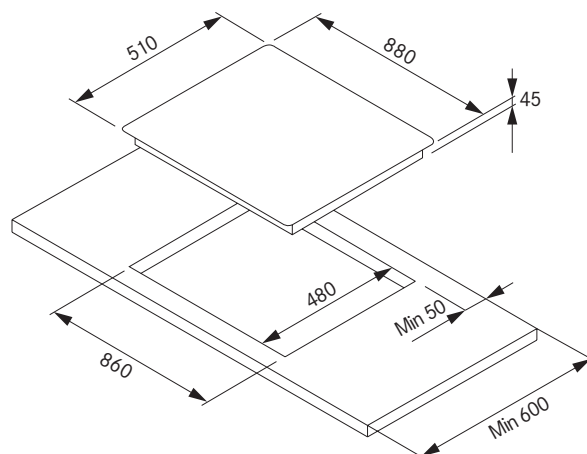


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DESIGNER GAS COOKTOP 90CM



SPECIFICATIONS

Recommended use	Domestic
Material	Stainless Steel
Colour availability	Stainless Steel
Weight	18.2kg
Dimensions	880 x 510 x 45mm
Voltage	220-240V / 50-60Hz
Burners	5
Control type	A-TECH knobs solid steel
Gas type	Natural and LPG
Semi-rapid burner 1750W	2
WOK burner 5000W (single inlet)	1
Rapid burner 3000W	1
Auxillary burner 1000W	1
Flame failure	Yes
Cast iron pan support	Yes
Automatic ignition	Yes
Power cord length	1850mm

Dimensions are nominal measurements only.



To see the complete FRANKE range go to
www.reece.com.au/bathrooms

CLEANING RECOMMENDATIONS

We recommend the use of soapy water or approved cleaners.

This product should not be cleaned with abrasive materials.

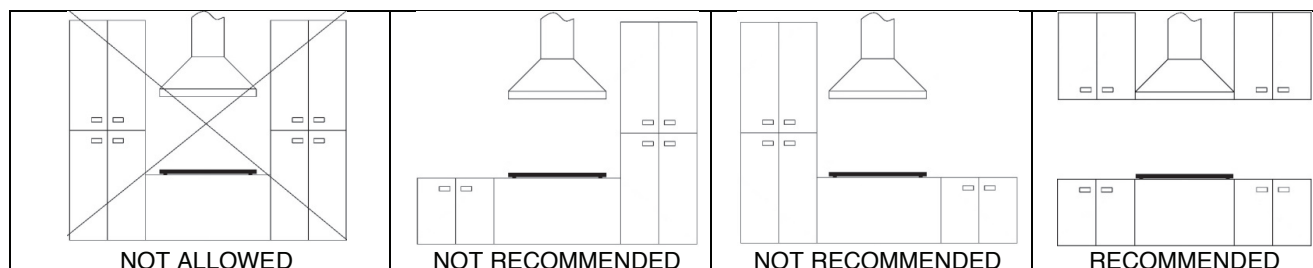
Damage caused by any improper treatment is not covered by the product warranty. Refer to Warranty Conditions.

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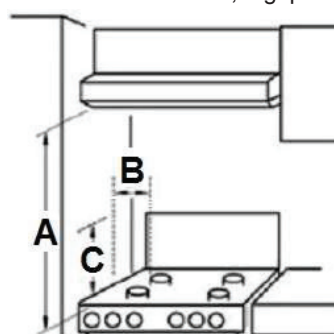
DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS IMPORTANT WARNINGS

- Installation of the appliance into a kitchen worktop must be performed by an adequately qualified technician.
- Veneer or other finish of the piece of kitchen furniture into which the hob is to be built in should be treated with heat resistant glue (100°C); otherwise, the worktop finish may be discolored or deformed.
- Ideally the appliance should be installed with plenty of space on either side. There may be a wall at the rear and a tall unit or wall at one side. On the other side, however, no unit or divider should stand higher than the cooktop.

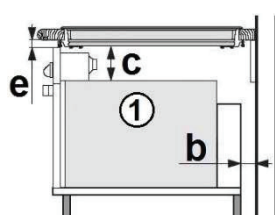


- Use of massive wood decoration plates or boards on the worktops behind the appliance is not permitted.
- The distance between the appliance edge and the adjacent tall kitchen furniture element should amount to no less than 250 mm.
- All sizes and distances to be taken for the proper functioning of the appliance are shown in figures below.
- The kitchen furniture element underneath the hob should not be fitted with a drawer. If the kitchen furniture element as a horizontal partition wall, it should be installed no less than min 20mm from the lower surface of the appliance. The space between the partition wall and the appliance must be empty; no objects should be placed into that gap.
- Hanging, or wall-mounted kitchen elements should be installed high enough not to interfere with the work process.
- A minimum safety distance must be maintained between the appliance and the cooker hood above it. See the cooker hood manufacturer's operating and installation instructions for details. If the manufacturer's instructions are not available or, if there are any flammable objects (e.g. utensil rails, wall units etc) above the appliance, a minimum safety distance of at least 800 mm must be maintained between them and the appliance below.
- Fit the wall units and cooker hood before fitting the appliance to avoid damaging it.
- The front part must have an opening of no less than 5 mm.
- The appliance must not be installed over a fridge, fridge-freezer, freezer, dishwasher, washing machine, washer-dryer or tumble dryer.
- Only ovens fitted with a cooling fan may be installed underneath this appliance.
- Before installing an oven, the rear wall of the kitchen furniture element should be removed in the area of the appliance cut-out. Furthermore, a gap of at least 5 mm should be left at the front side.

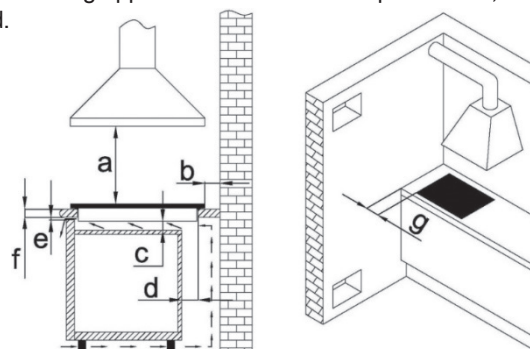


- Overhead clearances—(Measurement A) Range hoods and exhaust fans shall be installed in accordance with the manufacturer's relevant instructions. However, in no case shall the clearance between the highest part of the hob of the gas cooking appliance and a range hood be less than 600 mm or, for an overhead exhaust fan, 800 mm.

- Side clearances—(Measurement B & C) Where B, measured from the periphery of the nearest burner to any vertical combustible surface, or vertical combustible surface covered with toughened glass or sheet metal, is less than 250 mm, the surface shall be protected to a height C of not less than 150 mm above the hob for the full dimension (width or depth) of the cooking surface area. Where the gas cooking appliance is fitted with a "splashback", protection of the rear wall is not required.



a	min. 800 mm
b	min. 50 mm
c	min. 20 mm
d	min. 80 mm
e	min. 5 mm
f	25-40 mm
g	min. 250 mm

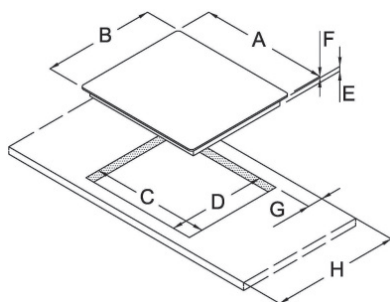


Plumbers, please ensure a copy of the installation instructions is left with the end user for future reference

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DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS



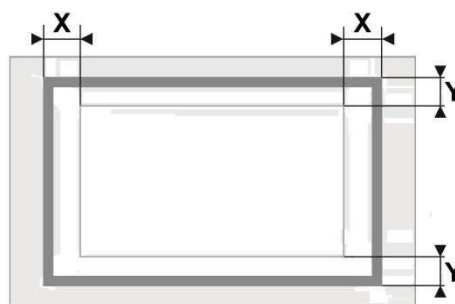
	FRG302S1	FRG604S1	FRG905S1
A	288 mm	600 mm	880 mm
B	510 mm	510 mm	510 mm
C	270 mm	560 mm	860 mm
D	480 mm	480 mm	480 mm
E	45 mm	45 mm	45 mm
F	3 mm	3 mm	3 mm
G	min. 50 mm	in. 50 mm	min. 50 mm
H	min. 600 mm	min. 600 mm	min. 600 mm

Fit the insulating gasket (for Stainless steel appliances)

X	10mm
Y	15mm

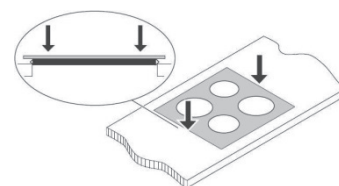
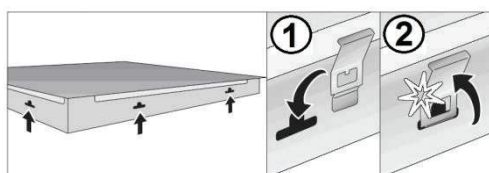
Carefully fit the provided insulating gasket around the outside edge of the hole made in the top as shown below, pressing it down with your hands so that its entire surface fits snugly (follow the dimensions shown).

After fastening the appliance to the top (see "Installation procedure") carefully trim off the excess of the gasket. The dimensions in the drawing below refer to the hole and to the outside edge of the gasket.

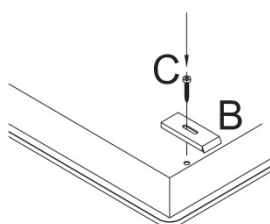


Installation procedure (with springs)

- Worktop must be absolutely horizontal.
- Seal the cut surfaces with a suitable sealant to avoid swelling caused by moisture. The sealant must be heat resistant.
- Put the supplied springs in their places.
- Feed the mains connection cable down through the cut-out.
- Insert the appliance into the cut-out.
- Press the appliance firmly towards the worktop from above.



Installation procedure (with fixing brackets)



- Worktop must be absolutely horizontal.
- Seal the cut surfaces with a suitable sealant to avoid swelling caused by moisture. The sealant must be heat resistant.
- Feed the mains connection cable down through the cut-out.
- Insert the appliance into the cut-out.
- Centre the appliance in the cut-out.
- Fix the appliance to the worktop by means of the brackets and accessories provided.
- Holes are provided in the bottom of the tray where you can attach the screws C that hold the brackets B in place.

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DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS

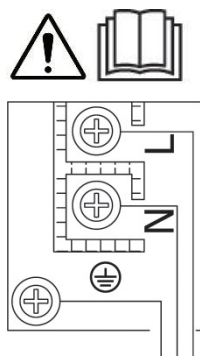
CONNECTING TO THE POWER MAINS

- The appliance may **ONLY** be connected by an authorized qualified technician.
- Electric system protection should comply with all relevant regulations.
- The connection clips can be accessed when the connection clip covers are opened removed.
- Before connecting the appliance, make sure the voltage indicated on the rating plate is consistent with the voltage in your home network. Connection voltage should be checked by a qualified technician using a corresponding measuring device!
- The rating plate with basic information is attached on the lower side of the appliance.
- In order to make a fixed connection to the mains, insert an all-pole circuit breaker between the appliance and the mains. This device shall have a contact separation in all poles, providing full disconnection under overvoltage category III conditions.
- The current conducting and isolated parts must be protected from any possibility of direct contact.

WARNING!

- Before any intervention, disconnect the appliance from the power mains. Connect the appliance in compliance with the electric connections diagram supplied; make sure the relevant network voltage is observed!
- The ground wire should be connected to the clip indicated by the earth symbol.
- The mains cable should be fed through the fastening clip which protects it from being accidentally pulled out.
- After connecting the appliance, turn on all cooking zones / heaters for approximately three minutes to make sure they are operating correctly.
- Incorrect connection may destroy parts of the appliance, making the warranty void.
- Connection cable on the back of the appliance should be led in such way that it does not touch the appliance back wall, as this part will get very hot during operation.

Wiring diagram



The following can be used for connection:

- H05RR-F , 3x1,5mm²
- H07RN-F , 3x1,5mm²
- H05RN-F , 3x1,5mm²
- H05V2V2-F , 3x1,5mm²
- H05VV-F , 3x1,5mm²

LIVE	L	BROWN
EARTH		GREEN / YELLOW
NEUTRAL	N	BLUE

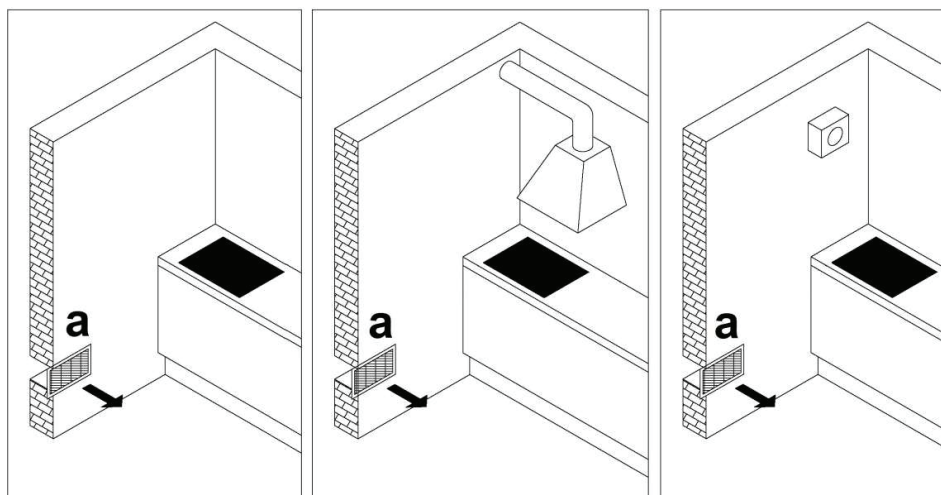
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DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS

CONNECTING TO THE GAS SUPPLY

- Connection to the gas supply, or conversion from one type of gas to another, should only be undertaken by an approved and registered gas installer in strict accordance with local and national safety and building regulations.
- Check with your local gas supplier about the type of gas and its calorific value, and compare this information with the type of gas quoted on the cooktop data plate.
- This appliance is not suitable for connection to a burning fumes exhaust system (i.e. a chimney).
- **WARNING:** Special care must be taken to ensure adequate ventilation / aeration ($a = \text{min. } 100 \text{ cm}^2$). The gas cooking appliance use may cause heat, humidity and products of combustion in the room where is installed. Ensure that the kitchen is well ventilated especially when the appliance is in use: keep open any natural ventilation holes 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.



Connection

There are two ways to carry out the connection to the main gas line:

A. The hotplate can be connected with rigid pipe as specified in AS/NZS5601.

B. The hotplate can be connected with a Flexible Hose, which complies with AS/NZS 1869 (Australian Certified), 10mm ID, class B or D, no more than 1.2m long and in accordance with AS/NZS5601. Ensure that the Hose does not contact the hot surfaces of the hotplate, oven, dishwasher or other appliance that may be installed underneath or next to the hotplate.

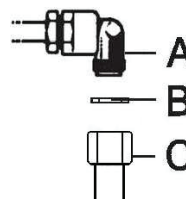
WARNING: Ensure that the hose assembly is restrained from accidental contact with the flue or flue outlet of an underbench oven. The hose should not be subjected to abrasion, kinking or permanent deformation and should be able to be inspected along its entire length. Unions compatible with the hose fittings must be used and connections tested for gas leaks. The supply connection point shall be accessible with the appliance installed. The hose assembly shall be suitable for connection to a fixed consumer piping outlet located at a point 800mm to 850mm above the floor and in a region outside the width of the appliance to a distance of 250mm.

- The flexible connection hose should be able to move freely, it should not come into contact with the movable parts of the furniture or the bottom of the appliance.
- After connecting the appliance, check the joints for any leaks.

A ISO7-1 R1/2 connection plug

B Non-metal gasket with thickness of 2 mm

C Pipe adapter for liquid gas (depending on the model)



Only use pipes and seals in accordance with the Standards. These pipes must be installed so that, when fully extended, their length does not exceed 2000 mm. For easier installation and to prevent gas leaks, attach the swivel coupling to the appliance first, and then to the gas mains pipe. Inverting this sequence may hamper the gas seal between the pipe and the appliance.

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DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS



Before Leaving

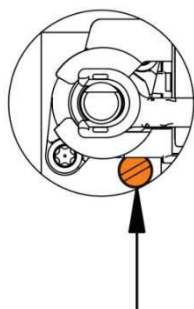
- When installation is complete, check all connections for gas leaks with soap and water. **DO NOT** use a naked flame for detecting leaks. Ignite all burners both individually and concurrently to ensure correct operation of gas valves, burners and ignition. Turn gas taps to low flame position and observe stability of the flame for each burner individually and concurrently. When satisfied with the hotplate, please instruct the user on the correct method of operation. In case the appliance fails to operate correctly after all checks have been carried out, refer to the authorised service provider in your area.
- Ensure that the flexible pipe cannot come into contact with any moving part of the cooktop (e.g. drawer) and that it is not in a position where it could be damaged;
- Check the burners for correct operation. The flames must be clearly visible, and should be blue and green at the center. If the flame is unstable, increase the minimum power.

ADAPTATION TO A DIFFERENT TYPE OF GAS



- The appliance should not be removed from the worktop.
- Before converting, disconnect the appliance from the power mains and close the gas supply valve.
- Remove the support grid and burner covers with respective crowns.
- Replace the existing nozzles for nominal thermal load with corresponding nozzles for the new gas type and supplied provided (see Nozzle table). In double burners, adjustment elements are accessible behind the main nozzle protective plate.
- After finishing this sequence, replace the old setting label with the new one provided for the new injectors.
- The category with the related types of gas can be used are included in "Conversion to a different type of gas" table.

MINIMUM FLOW ADJUSTMENT



Instructions for **Natural Gas**

1. Light the burner and bring it to the minimum position.
2. Remove the control knobs, including the gaskets.
3. Turn the adjustment screw on the side of the tap rod until a regular minimum flame is obtained:
 - Anti-clockwise to increase the gas flow.
 - Clockwise to reduce the gas flow.
4. Re-assemble the knob and verify burner flame stability (when quickly rotating the hand from maximum to minimum position the flame must not shut off).
5. Repeat the operation on all gas taps.

Instructions for **Universal LPG**


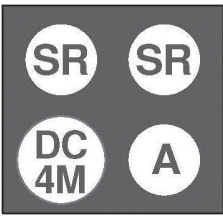
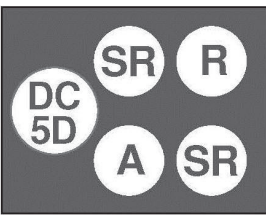
Tighten the screw on the side of the tap, rod clockwise completely.

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DESIGNER GAS COOKTOP 90CM

INSTALLATION INSTRUCTIONS

TECHNICAL INFORMATION

	FRG302S1	FRG604S1	FRG905S1
A: Auxiliary SR: Semirapid R: Rapid DC4M: Dual Crown DC5D: Dual Crown			
Nominal Gas Consumption	14.8 MJ/h (NG) 12.3 MJ/h (ULPG)	33.5 MJ/h (NG) 27.2 MJ/h (ULPG)	46.8 MJ/h (NG) 38.3 MJ/h (ULPG)
Category gas usage	Natural gas 1.0 kPa or Universal LPG 2.75		
Operating voltage	220-240 V~ ; 50/60 Hz		

NOZZLE TABLE

Burner	A	SR	R	DC4M	DC5D	
					EXT	INT
Rated heat output (MJ/h)	4.0 NG 3.1 ULPG	7.0 NG 5.4 ULPG	10.8 NG 9.2 ULPG	15.5 NG 13.3 ULPG	18.0 NG 15.2 ULPG	
Ø INJECTOR (mm)						
Natural gas	0,90	1,20	1,50	1,80	1,80	0,80
Universal LPG	0,50	0,65	0,85	1,00	1,00	0,44
Ø BY-PASS (mm)						
Natural gas	REG.	REG.	REG.	REG.	REG.	REG.
Universal LPG	0,27	0,31	0,42	0,60	FIXE	0,27