



# **SERIE 700**

LAVA ROCK BARBECUE

A.G.A. Approval No. 6710

Models. 7GL/G 400  
7GL/G 800

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**INSTRUCTION FOR INSTALLATION, ADJUSTEMENT, USE AND MAINTENANCE**

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**WARNING**

**- DO NOT STORE FLAMMABLE MATERIALS IN OR NEAR THIS APPLIANCE**

**- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION**

## 1 - INSTRUCTIONS FOR INSTALLATION

### 1.1 Identifying the models

	Model	Serie 700
Charcoal Grill 1/2 M	7GL/G400	41803136121.AU
Charcoal Grill 1/1 M	7GL/G800	41803136141.AU

### 1.2 Technical data

The technical data of these appliances are indicated in the **Table T1-T2**.

## 2 - GENERAL INSTRUCTIONS

Read the instructions of this handbook carefully because they supply important information on installation, use and maintenance safety. Keep this handbook for any further reference of the various operators. The installation, transformation and maintenance of this equipment must exclusively be carried out by authorised installers or by licensed gasfitters complying with [AS/NZS 5601.1:2010](#) Gas Installation standards and any local authority requirements in force.

**The Manufacturer declines any liability if these rules are not complied with.**

N.B. – This equipment complies with the CEI standard 61-50 and AS4563.

### 2.1 Installation

- After unpacking, check that the equipment is intact. In case of any doubt, do not operate this apparatus and call immediately the appliance supplier.
- Arrange the packing elements far from children, because they can be dangerous.
- The equipment must definitively be installed in the position it occupies in the kitchen, preferably under an exhausting hood for a proper recirculation of air.
- The equipment must be installed only in rooms with good ventilation in accordance with [AS/NZS 5601.1:2010](#)
- **Any commercial equipment of the type** must be installed only in rooms with a good exhaust system, according to the technical rules in force.
- Refer to the data plate on the appliance for relevant technical information e.g gas type, consumption, test point pressure, etc.
- These ranges can be installed separately, or assembled with other equipment of our line.
- This appliance is not available in built-in version.
- The equipment must be positioned at least 10 cm far from any wall surrounding it. Install the appliance in a non-combustable area. Ensure areas are suitably insulated if required in accordance with the installation standard [AS/NZS 5601.1:2010](#)
- The overall dimensions of the equipment are indicated in the following pages.

### 2.2 Assembling

Remove the protection film from the outer surfaces of the apparatus. Clean these surfaces from probable residual adhesive using a proper solvent. Level the apparatus turning the proper adjustable feet. In stand-alone version, the range has a width of 80 cm and it must be fixed to the floor with the proper flanges (fig. 6).

### 2.3 Aligning the equipment (fig. 2)

Operate as follows: Remove the knobs and the control board of the top. Arrange the apparatuses side by side and level at the same height. Fasten the apparatuses with the proper screws, as shown in the fig. 2.

## 2.4 Connecting to the gas supply

### Important!

- Clean the pipes to remove any dust, dirt or foreign matter which could block the supply.

- Do not use pipes of a diameter smaller than that for which the appliance is designed. Ensure installation is "pipesized" for the whole installation.

- After installation the pipework, connections and appliance(s) should be checked for gas leaks in accordance with standard operations. Use soapy water to check connections for leaks.

**Warning: Do not use naked flame to check for gas leaks!**

- Make certain the appliance is arranged for the type of gas to be used. Otherwise the appliance will have to be converted to the applicable gas type. If not certain contact local gas supplier for confirmation of gas type. Any conversion to be carried out must be undertaken by an authorised person in accordance with the supplied instructions.

- Use of Flexible Hoses: Where it is intended to connect the appliance to the gas supply using a flexible, it is important to use the correct type assembly for the application. Refer to [AS/NZS 5601.1:2010](#) for hose connection requirements. The hose assembly must comply with [AS/NZS 1869 Class B or D](#), be of appropriate internal diameter, be kept as short as possible (not to exceed 1.2 metres), must not be kinked and not be in contact with a hot surface". A chain must be fitted to restrict the appliance movement to no more than 80% of the hose length.

The cross section / diameter of the hose assembly must be sufficient to ensure the required gas flow for full operation of the appliance. Ensure an isolation valve and union is fitted at the inlet piping of the appliance.

For Natural Gas and LPG appliances, the pressure regulator supplied with the appliance must be fitted between the gas valve (s) and the appliance inlet.

- The constant outlet pressure will be guaranteed by the gas pressure regulator that regulates varying inlet pressures.

- When the regulator is fitted, it must be adjusted to the correct pressure when the burners are operating.

Test point pressures are: 1.0kPa for Natural Gas  
2.65kPa for L.P.G. (Propane)

### Checking the Test Point Pressure

- The supply pressure must be measured with the appliance operating, using a manometer (min 0.1kPa).
- Ensure gas is turned off.
- Remove control panel.
- Remove test point screw from the pressure test point and connect the manometer.

- Turn the gas on slowly, light the applicable burners and compare the value read on the manometer with that given on the data plate.

- If the manometer gives a pressure outside the range adjust the gas regulator supplying the appliance. If the pressure cannot be adjusted to the correct value check the installation to determine problem.

## 4 - STARTING

### 4.1 Checking the operation

Start the equipment according to the instructions of use, and check: the correct operation of pilot and main burners and that there are no leaks. The correct operation of room ventilation systems. The efficiency of the exhaust gas system; if necessary, refer to the

paragraph 5 "Check of some malfunctions". Whether the data of the rating plate of the equipment correspond to those of the gas pipe network.

Warning: during the operation, take extreme care in handling the hot areas of the outer surface.

4.2 Checking the thermal power

After installing the equipment and adapting it to another gas group or in any maintenance operation, check the thermal power. The thermal power rating is indicated in the T1 table. The equipment operates at the power rating when its nozzles actually correspond to the type of gas supplied and to the operating pressure indicated in the T1 table. As regards the control of feeding pressure, refer to the paragraph 4.3 "Checking the gas feeding pressure".

4.3 Checking the gas feeding pressure

Necessary measuring instrument: pressure gage with minimum accuracy rating of 0.2 mBar. Remove knobs and control board of the cook top. Remove the tight screw of the pipe tap P (see fig. 3) and connect the pipe of the pressure gage to this tap. Carry out the measurement while the equipment is operating. The measured value must be included within the limits indicated in the T1 table; otherwise, stop the test and call the gas service company. Disconnect the pipe of the pressure gage and screw down the screw of the test point tightly.

**5 - CHECK OF SOME MALFUNCTIONS**

5.1 The pilot burners show a difficult ignition or they fail to ignite

Piezoelectric lighter, ignition plug or pilot burner cable faulty. Insufficient gas feeding pressure. Nozzle or pipe clogged. The gas cock is faulty.

5.2 Extinction of pilot burner during the operation

The thermocouple is faulty, or it is not properly heated, or not correctly connected to the gas cock. Gas feeding pressure drop. The gas cock is faulty.

5.3 The main burners show a difficult ignition or they fail to ignite

Insufficient gas feeding pressure. Nozzles clogged. The gas cock is faulty.

**6 - REPLACING SOME COMPONENTS**

N.B.: **The sealed components must not be tampered with. After any operation, check that there are no leaks, if necessary.**

**Warning! Servive work must only be carried out by Authorised Persons.**

6.1 Main burner

Remove the grill, the spaahback, the lava stones and the frame for the lava stones. Remove the knob and the control board and substitute the component.

6.2 Pilot burners, gas cock

Remove the knob and the control board. This allows to get the component concerned with the substitution.

6.3 Thermocouple, piezoelectric lighter, spark plug

Remove the knob and the control board. This allows to get the component concerned with the substitution.

**7 - USE AND MAINTENANCE**

7.1 Warning

This equipment has been designed for professional aims, therefore it must be operated exclusively by trained personnel. It must




exclusively be used to cook food; consequently any other use is improper. Before using the charcoal grill for the first time, remove the industrial protection grease washing it with water and alkaline detergent. Before using the appliance, when it is still cold, empty the oilcollecting tray every day. Its installation and possible transformation for other gas group must be carried out by authorized and qualified installers. In case of troubles, turn off the gas isolation valve installed before the equipment. For any repair, call the authorized After-Sales Service and require only original spare parts.

USE - Before switching on the charcoal grill, clean all its surfaces in contact with food, with the utmost care.


Not complying with these instructions may seriously compromise the safety of this equipment; the manufacturer declines any liability in case these warnings are not complied with.



7.2 Use of the charcoal grill

The knob controlling the cocks is marked with the following symbols:


- z**      **Off**
-       **Pilot burner on**
-       **Maximum fire**
-       **Minimum fire**

7.3 Lighting the burners

Press and turn the knob to the position  and light the pilot burner using the button of the piezoelectric lighter. After lighting, keep the knob pressed for approximately 20 seconds, then release it. In case of extinction of the pilot burner, repeat this operation. The pilot burner can be checked through the lava stones.

Turn the knob to the desired position chosen between  and 

7.4 Extinction of burners

- Switch off the main burner turning the knob to the position .
- Switch off the pilot burner pressing and turning the knob to the position z.

**8 - CLEANING AND MAINTENANCE**

Wash the surfaces of stainless steel with water and non abrasive detergents, every day; then rinse abundantly and wipe. When cleaning stainless steel, never use detergents with abrasive substances, chips, steel wool, brushes or scrapers of common steel. Clean the floor under the appliance with non corrosive products. Clean every day the flame holes of the burners and remove the possible encrustations. Do not wash the equipment with water jets. When the equipment must not be used for long time, comply with the following instructions:

Turn off the gas cock installed before the equipment. Clean with accuracy all the stainless steel surfaces and protect them with a thin

layer of white mineral oil which has to be spread with a cloth.  
Ventilate the rooms periodically.

**It is recommended the appliance be visually checked for problems each week and the appliance be serviced by an authorised service person at least every 12 months or as may be required. This is not covered by warranty.**

#### **9 - LIST OF SPARE PARTS**

Gas cook, Pilot burner, Main burners, Thermocouple, Knob, Spark plug, Piezoelectric lighter

<b>T1</b>	<b>Serie 700</b>	
	<b>Modelli - Modelle - Models Modèles - Modellen</b>	41803136121.AU
<b>Q Mj</b>	<b>35.0</b>	<b>70.0</b>
Consumo gas** Nat Gas TPP 1 kPa m <sup>3</sup> /h	1.05	2.12
L.P.G TPP 2,65 kPa kg/h	0.79	1.58
<b>Tipo - Bauart - Type</b>	<b>A<sub>1</sub></b>	<b>A<sub>1</sub></b>
<b>Bauart für DE</b>	<b>A<sub>1</sub></b>	<b>A<sub>1</sub></b>
*Connessione gas ISO 7/1 R 3/4 #		

\*\* Consumo gas - Gasverbrauch - Gas consumption - Consommation du gaz - Gasverbruik

\* Connessione gas - Gasanschluss - Arrivée gaz - Verbindung

# Per installazione in Danimarca occorre avvitare sulla rampa d'alimentazione l'apposito nipplo.

# Vor dem Anschluß an die Gasversorgungsanlage, ist es erforderlich, den als Ausstattung gelieferten passenden Nippel auf Versorgungsrampe gas einzuschrauben.

## T2

Gas	p kPa	<b>Modelli-Modelle- Models Modèles-Modellen</b>	<b>Serie 700</b>	
			41803136121.AU	41803136141.AU
Nat Gas	1	o Ugelli pilota	32.2	2x32.2
		p Ugelli bruciatore	285	2 x 285
		n Vite minimo	115 Adjustable	2x115 Adjustable
		r A= mm	13	13
L.P.G	2,65	o Ugelli pilota	16.2	2x16.2
		p Ugelli bruciatore	160	2 x 160
		n Vite minimo	115	2 x 115
		r A= mm	15	15

n Vite minimo - Kleinsteilschraube - minimum adjusting screw - Vis de réglage minimum

o Ugello pilota - Zündbrennerdüse - Pilot burner nozzle - Injecteur de la veilleuse - Gaspitten pilot

p Ugello bruciatore - Brennerdüse - Burner nozzle - Injecteur du brûleur - Gaspitten brander

q Regolato - Geregelt - To adjust - Régle

r A= Regolazione aria primaria - Primärluftabstand - Primary air adjustment - Regulation de l'air - Regeling aanfangslucht

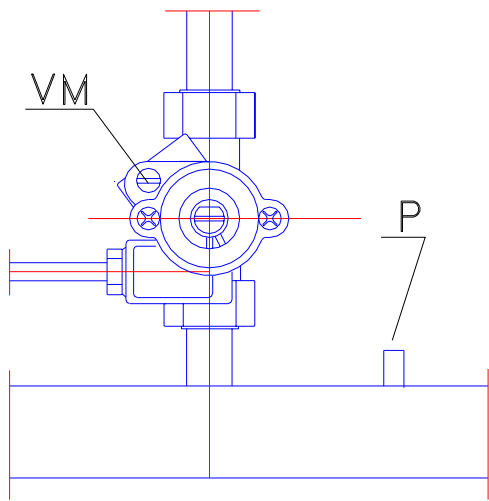


Fig.1 - Abb.1

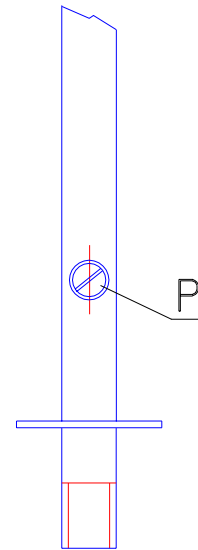


Fig. 3 - Abb. 3

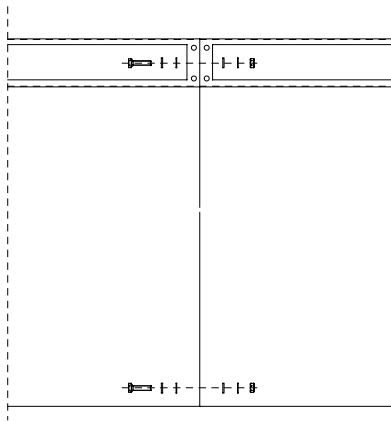


Fig.2 - Abb.2

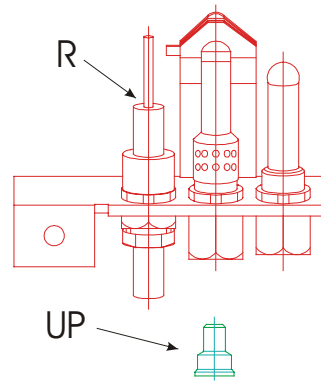


Fig.4 - Abb. 4

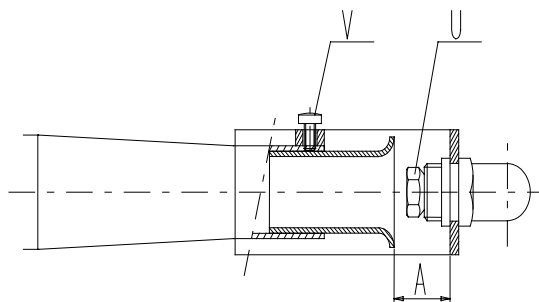
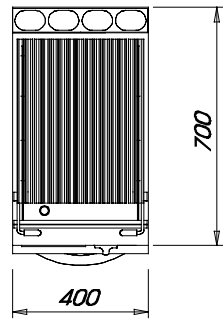
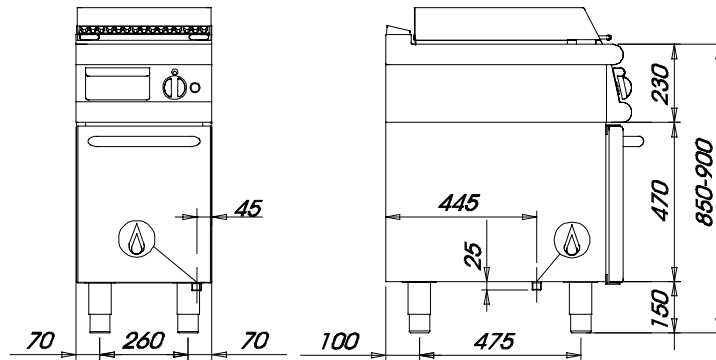
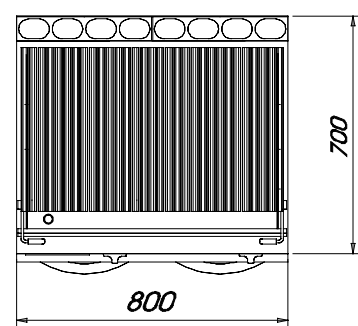
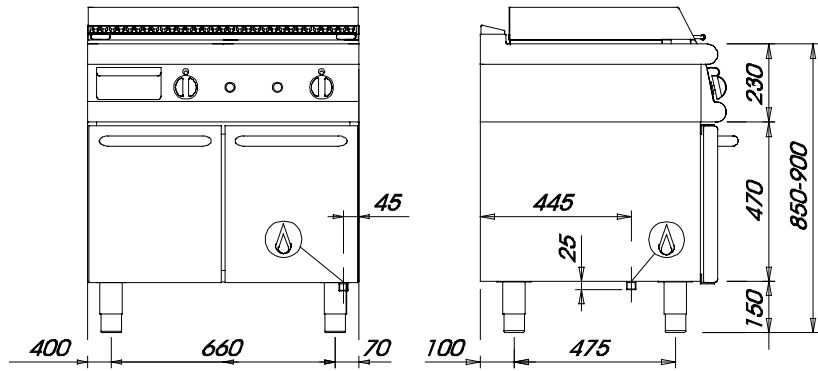


Fig. 5 - Abb. 5

Fig.6 - Abb. 6



7GL/G400  
41803136121.AU



7GL/G800  
41803136141.AU