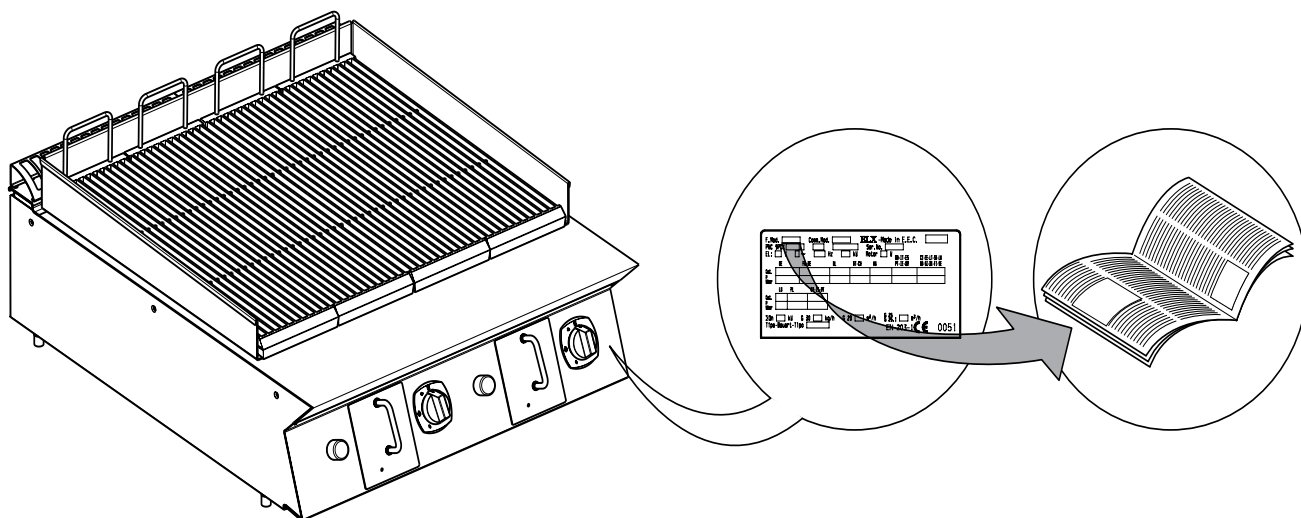


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## II. DATAPLATE and TECHNICAL DATA



### ATTENTION

This instruction manual contains information relevant to various appliances. See the dataplate located under the control panel to identify the appliance (see fig. above).

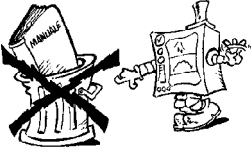
TABLE A - Gas appliance technical data						
MODELS TECHNICAL DATA		+7GRGDGC0P 400mm	+7GRGHGC0P 800mm	+9GRGDGC0P 400mm	+9GRGHGC0P 800mm	+9GRGLGC0P 1200mm
Connection ISO 7/1	Ø	1/2"	1/2"	1/2"	1/2"	3/4"
Nominal heat output kW	Max.	7	14	10,5	21	31,5
	Min.	3	6	4	8	12
Type of construction		A1	A1	A1	A1	A1

TABLE A - Gas appliance technical data				
MODELS TECHNICAL DATA		E9GRGDGC0P Z9GRGDGC0P 400mm	E9GRGHGC0P Z9GRGHGC0P 800mm	E9GRGLGC0P Z9GRGLGC0P 1200mm
BS/P Connection	Ø	1/2"	1/2"	3/4"
Nominal heat output kW	Max.	10,5	21	31,5
	Min.	4	8	12
Type of construction		A1	A1	A1

### III. GENERAL INSTRUCTIONS



- Read the instruction manual carefully before using the appliance.



- Keep the instruction manual for future reference..



- **RISK OF FIRE** - Keep the area around the appliance free and clear of combustibles. Do not keep flammable materials in the vicinity of the appliance.



- Install the appliance in a well-ventilated place to avoid the creation of dangerous mixtures of unburnt gases in the room.
- Air recirculation must take into account the air necessary for combustion 2 m<sup>3</sup>/h/kW of gas power, as well as the well-being of persons working in the kitchen.
- Inadequate ventilation causes asphyxia. Do not obstruct the ventilation system in the place where this appliance is installed. Do not obstruct the vents or ducts of this or other appliances.




- Place emergency telephone numbers in a visible position.

- Installation, maintenance and conversion to another type of gas must only be carried out by qualified personnel authorised by the manufacturer. For assistance, contact an authorised technical centre. Demand original replacements parts.
- This appliance is designed for cooking food. It is intended for industrial use. Any use different from that indicated is **improper**.
- This appliance is not intended for use by people (including children) with limited physical, sensory or mental abilities or without experience and knowledge of it, unless they are supervised or instructed in its use by a person responsible for their safety.



- Personnel using the appliance must be **trained**. Do not leave the appliance unattended when in use.
- Turn the appliance off in case of a fault or poor operation.
- Do not use products (even if diluted) containing chlorine (sodium hypochlorite, hydrochloric or muriatic acid, etc.) to clean the appliance or the floor under it. Do not use metal implements to clean steel parts (wire brushes or Scotch Brite type scouring pads).

- Do not allow oil or grease to come into contact with plastic parts.
- Do not allow dirt, fat, food or other residuals to form deposits on the appliance.
- Do not clean the appliance with direct jets of water.

- The symbol  given on the product indicates that it should **not** be considered domestic waste, but must be correctly disposed of in order to prevent any negative consequences for the environment and the health of people. For further information regarding the recycling of this product, contact the product agent or local dealer, the after-sales service or the local body responsible for waste disposal.

#### Warnings

- Do not store or use gasoline or other flammable vapours, liquids or items in the vicinity of this or any other appliance.
- Do not spray aerosols in the vicinity of this appliance while it is in operation.
- Never check for leaks with an open flame.
- The appliance is not suitable for a marine environment.

**Failure to observe the above can compromise the safety of the appliance. Failure to observe the above invalidates the warranty.**

## IV. THE ENVIRONMENT

### 1. PACKING



The packing materials are environmentally friendly and can be stored without risk or burned in an appropriate waste incineration plant.

Recyclable plastic components are marked with:



**Polyethylene:** outer wrapping, instruction booklet bag, gas nozzle bag.



**Polypropylene:** roof packing panels, straps.



**Polystyrene foam:** corner protectors.

### 2. USE

Our appliances offer high performance and efficiency. To reduce electricity, water or gas consumption, do not use the appliance empty or in conditions that compromise optimum efficiency (e.g. with doors or lids open, etc.); the appliance must be used in a well-ventilated place, to avoid the creation of dangerous mixtures of unburnt gases in the room. When possible, preheat only before use.

### 3. CLEANING

In order to reduce the emission of pollutants into the environment, clean the appliance (externally and when necessary internally) with products that are more than 90% biodegradable (for further information refer to section V "CLEANING").

### 4. DISPOSAL



Do not disperse in the environment. Our appliances are manufactured using more than 90% (in weight) recyclable metals (stainless steel, iron, aluminium, galvanised sheet, copper, etc.).

Make the appliance unusable by removing the power cable and any compartment or cavity closing devices (when present) in order to avoid the risk of someone becoming trapped inside.

## V. INSTALLATION

- Carefully read the installation and maintenance procedures given in this instruction manual before installing the appliance.



- Installation, maintenance and conversion to another type of gas must only be carried out by qualified personnel authorised by the manufacturer.

- Failure to observe the correct installation, conversion and modification procedures can result in damage to the appliance, danger to people, and invalidates the Manufacturer's warranty.

### 1. REFERENCE STANDARDS

- Install the appliance in accordance with the safety regulations and local laws of the country where used.
- AUSTRALIA:** this appliance shall be installed only by authorised persons and in accordance with the manufacturer's installation instructions, local gas fitting regulations, local water supply regulations, AS5601-gas installation, health authorities and any other statutory regulations..

### 2. UNPACKING

#### ATTENTION!

**Immediately check for any damage caused during transport.**

- The forwarder is responsible for the safety of the goods during transport and delivery.
- Inspect the packs before and after unloading.
- Make a complaint to the forwarder in case of visible or hidden damage, reporting any damage or shortages on the dispatch note upon delivery.
- The driver must sign the dispatch note: the forwarder can reject the claim if the dispatch note is not signed (the forwarder can provide the necessary form).



- Unpack, taking care not to damage the appliance.
- Wear protective gloves.

- Carefully remove the protective film from metal surfaces and clean any traces of glue with a suitable solvent.
- For hidden damage or shortages becoming apparent only after unpacking, request the forwarder for inspection of the goods within and not later than 15 days of delivery.
- Keep all the documentation contained in the packing.

### 3. POSITIONING

- Handle the appliance with care in order to avoid damage or danger to people. Use a pallet for handling and positioning.
- The installation diagram provided in this instruction manual gives the appliance overall dimensions and the position of connections (gas, electricity, water). Check that they are available and ready for making all the necessary connections.
- The appliance can be installed separately or combined with other appliances of the same range.
- The appliances are not suitable for recess-mounting. Leave a space of at least 15 cm between the appliance and side walls and 20 cm from the rear wall, or in any case an adequate space to enable subsequent servicing or maintenance operations.
- Suitably insulate surfaces that are at distances less than that indicated.
- Maintain an adequate distance between the appliance and any combustible walls. Do not store or use flammable materials and liquids near the appliance.
- Check and if necessary level the appliance after positioning. Incorrect levelling can cause appliance malfunctioning.

### 3.1. JOINING APPLIANCES

- (Fig.1A) Undo the 4 fixing screws and remove the control panels of the appliances.
- (Fig.1B) Remove the fixing screw nearest the control panel, from each side to be joined.
- (Fig.1D) Bring the appliances together and level them by turning the feet until the tops match.
- (Fig.1C) Turn one of the two plates inside the appliances 180°.
- (Fig.1E) From inside the control panel of the same appliance, join them at the front side, screwing one M5x40 Hex Head screw (supplied) on the opposite insert.
- (Fig.1F) From the rear of the appliances, insert the coupling plate (provided) in the side slots on the back panels. Secure the plate with two flathead M5 screws provided.

### 3.2. FLOOR FIXING

To avoid accidental tipping of built-in half-module appliances installed separately, fix them to the floor carefully following the instructions enclosed with the corresponding accessory (F206136).

### 3.3. INSTALLATION ON BRIDGE, CANTILEVER FRAME OR CEMENT PLINTH

Carefully follow the instructions enclosed with the corresponding accessory. Follow the instructions supplied with the optional product chosen.

### 3.4. SEALING GAPS BETWEEN APPLIANCES

Follow the instructions supplied with the optional sealing paste pack.

## 4. FUME EXHAUST

For **Australia**, ventilation must be in accordance with Australian building codes and kitchen exhaust hoods must comply with AS/NZS1668.1 and AS 1668.2

### 4.1. TYPE “A1” APPLIANCES

Position type “A1” appliances under an extraction hood to ensure removal of fumes and steam produced by cooking.

- **SUB CLAUSE 4.1 is not relevant for Australian standard**

## 5. CONNECTIONS



• Any installation work or maintenance to the supply system (gas, electricity, water) must only be carried out by the utility company or an authorised installation technician.

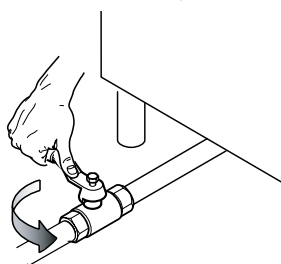
- Refer to the appliance dataplate for the product code.
- See the installation diagram for the type and position of appliance connections.

### 5.1. GAS APPLIANCES

**IMPORTANT!** This appliance is arranged and tested to operate with G20 gas 20mbar; to convert it to another type of gas, follow the instructions in par. 5.1.6. of this section

#### 5.1.1. BEFORE CONNECTING

- Make sure the appliance is arranged for the type of gas to be used. Otherwise, carefully follow the instructions given in the section: "Gas appliance conversion / adjustment".
- Fit a rapid gas shutoff cock/valve ahead of each appliance. Install the cock/valve in an easily accessed place.



- Clean the pipes to remove any dust, dirt or foreign matter which could block the supply.
- The gas supply line must ensure the gas flow necessary for full operation of all the appliances connected to the system. A supply line with insufficient flow will affect correct operation of the appliances connected to it.
- **Attention!** Incorrect levelling of the appliance can affect combustion and cause malfunctioning.

#### 5.1.2. CONNECTION

- See the installation diagram for the position of the gas connection on the bottom of the appliance.
- Remove the plastic protection (if present) from the gas union before connecting.
- After installation, use soapy water to check connections for leaks.
- The gas connection is male 1/2" BSP

#### 5.1.3. SUPPLY PRESSURE CHECK (all versions)

Make sure the appliance is suitable for the type of gas available, according to that given on the dataplate (otherwise, follow the instructions given in the section "Conversion to another type of gas"). The supply pressure must be measured with the appliance operating, using a pressure gauge (min. 0.1 mbar).

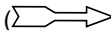
- Remove the control panel.
- Remove screw "N" from the pressure point and connect the pressure gauge "O" (fig. 2A-2B).
- Compare the value read on the pressure gauge with that given in Table B (see handbook Appendix)
- If the pressure gauge gives a reading outside the range of values in Table B, do not switch the appliance on. Consult the gas company.

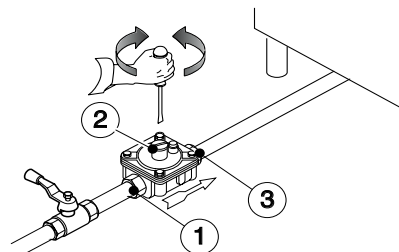
#### 5.1.4 GAS PRESSURE REGULATOR

If the gas pressure is higher than that specified or is difficult to regulate (not stable), install a gas pressure regulator (accessory code 927225) in an easily accessed position ahead of the appliance.

The pressure regulator should preferably be fitted horizontally, to ensure the right outlet pressure:

- "1" connection side gas from mains.
- "2" pressure regulator;
- "3" connection side gas towards the appliance;

The arrow on the regulator () indicates the gas flow direction.



**NOTE!** These models are designed and certified for use with natural or propane gas. For natural gas, the pressure regulator on the header is set to 8" w.c. (20mbar).

**AUSTRALIA:** the gas pressure regulator supplied with the appliance must be fitted to the appliance inlet. Adjust the test point pressure with one burner operating at maximum setting as follow:

- 1.0 KPa for Natural gas
- 2.65 KPa for Propane gas

#### 5.1.5. PRIMARY AIR CHECK

The primary air is correctly adjusted when the flame does not "float" with the burner cold and there is no flareback with the burner hot.

- Undo screw "A" and position aerator "E" at distance "H" given in Table B; retighten screw "A" and seal with paint (fig. 3A).

#### 5.1.6. CONVERSION TO ANOTHER TYPE OF GAS

Table B "Technical data/gas nozzles" gives the type of nozzles to be used when replacing those installed by the manufacturer (the number is stamped on the nozzle body). At the end of the procedure, carry out the following check-list:

Check	Ok
• burner nozzle/s replacement	
• correct adjustment of primary air supply to burner/s	
• pilot nozzle/s replacement	
• minimum flame screw/s replacement	
• correct adjustment pilot/s if necessary	
• correct adjustment of supply pressure (see technical data/gas nozzles table)	
• apply sticker (supplied) with data of new gas type used	

#### 5.1.6.1. REPLACING THE MAIN BURNER NOZZLE

- Unscrew nozzle “C” and replace it with one suitable for the type of gas (Table B, fig.3A) according to that given in the following table.
- The nozzle diameter is given in hundredths of mm on the nozzle body.
- Retighten nozzle “C”.

#### 5.1.6.2. PILOT BURNER NOZZLE REPLACEMENT

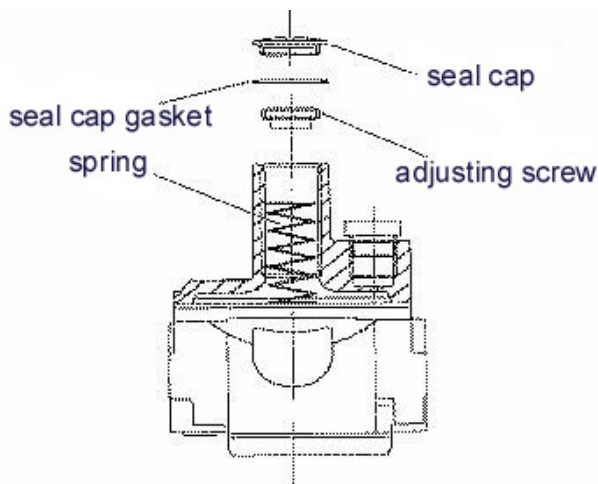
- Undo screw coupling “L” and replace nozzle “I” with one suitable for the type of gas (Table B, fig.3B).
- The nozzle identification number is given on nozzle body.
- Retighten screw coupling “L”.

#### 5.1.6.3. MINIMUM FLAME SCREW REPLACEMENT

- Unscrew minimum flame screw “M” from the cock and replace it with one suitable for the type of gas, screwing it down fully (Table B, fig.2A).

#### 5.1.6.4 REPLACING THE ADJUSTMENT SPRING OF THE PRESSURE REGULATOR

- Replace the spring of the pressure regulator with one suitable for the gas pressure type given in table B (see handbook Appendix) as follows:
  - Remove the seal cap, seal cap gasket, adjusting screw and the spring.
  - Insert the new spring and replace the adjusting screw.
  - Connect a pressure gauge to the appliance's test point pressure (fig. 2A/2B).
  - Ignite the appliance's burners so to have the maximum gas consumption.
  - Regulate the adjustment screw until the pressure gauge shows the working pressure value (section 5.1.4 Gas pressure regulator).
  - Replace the seal cap and gasket and screw tightly closed.
  - Remove the pressure gauge and close the test point pressure.
  - Prior to operation, test the gas pressure regulator for leaks.



## 6. BEFORE COMPLETING THE INSTALLATION OPERATIONS

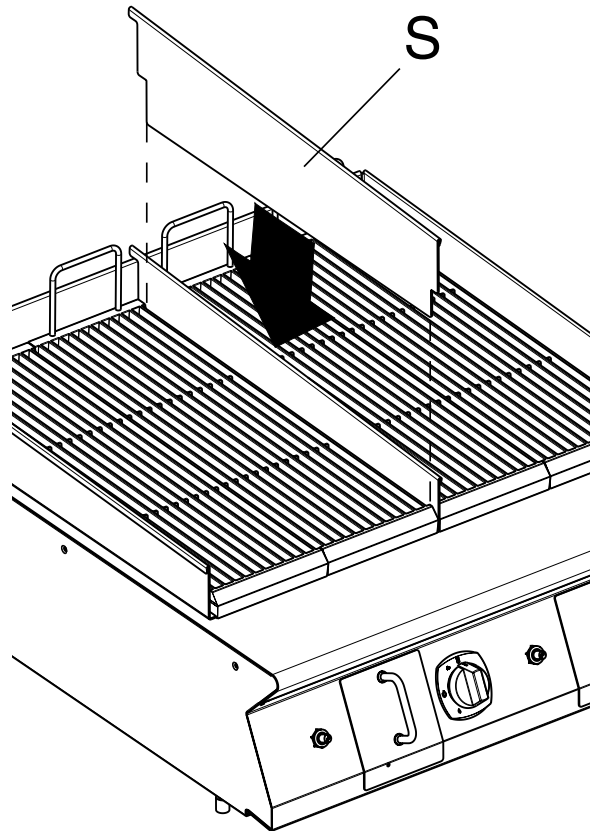
Use soapy water to check all gas connections for leaks. DO NOT use a naked flame to check for gas leaks. Light all the burners separately and also together, to check correct operation of the gas valves, rings and lighting. For each burner, adjust the flame regulator to the lowest setting, individually and together; after completing the operations, the installer must instruct the user on the correct method of use. If the appliance does not work properly after carrying out all the checks, contact the local after-sales service centre.

## VI. OPERATING INSTRUCTIONS

### 1. GRILL USE

- The appliance is intended for industrial use by trained personnel.
- Do not use the appliance empty or in conditions that compromise its optimum efficiency. Also, if possible, preheat the appliance immediately before use.
- The grill is designed for direct cooking of food on the hot-plate (hamburgers, chops, eggs, sausages, fish, vegetables, etc.). Any other use is improper.
- Empty the oil collection container every day before use (if necessary, empty it several times a day).
- Do not use the grill to heat pots or pans.
- **Grill 400mm:** it consists of a cooking zone controlled by a gas valve.
- **Grill 800mm:** it consists of two cooking zones (left and right side) controlled by two gas valves, one for each zone.
- **Grill 1200mm:** it consists of three cooking zones (from left to right) controlled by three gas valves, one for each zone.

**NOTE:** In case of partial use of the grill, insert the separator “S” (supplied).





## 2. SWITCHING ON/OFF

The gas control knob "A" of each burner has 3 positions:

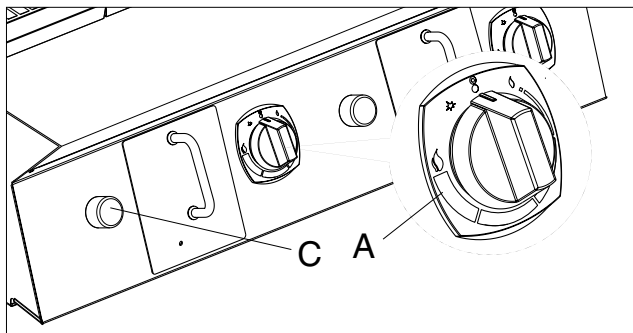
- "Off"
- ★ "Pilot ignition"
- 🔥 "Max. flame"
- "Min. flame"

### Lighting the pilot

- Press and turn knob "A" from "off" to position "★".
- Press down knob "A" and at the same time press piezo-electric igniter button "B" repeatedly, which will light the pilot flame. Check lighting through the holes in the control panel. When knob "A" is released, the flame must remain alight; if it does not, repeat the operation.

### Lighting the main burner

- Turn knob "A" from position "C" to position "🔥".
- For minimum, turn knob "A" to position "●".



### Turning off the main burner

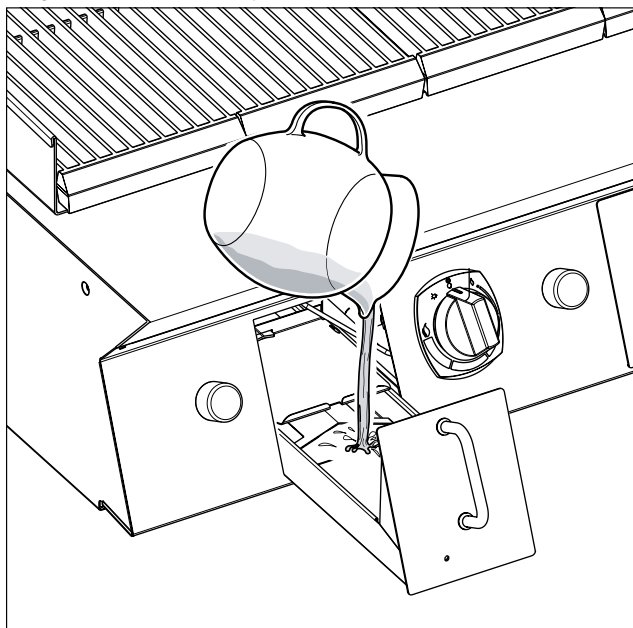
- Press and turn knob "A" to position "★";

### Shutting off the pilot flame

- Press and turn knob "A" to position "●";
- At the end of the day, close the gas cock located ahead of the appliance.

## 3. TRAY USE

- For better cooking results and to facilitate cleaning at the end of the day, it is advisable to pour a little water into each grease collection tray.



**ATTENTION:** The tray can become very hot, therefore handle it using suitable protection to avoid burns.

## VII. CLEANING

### 1. EXTERNAL PARTS

#### SATIN-FINISH STEEL SURFACES (daily)

- Clean all steel surfaces: dirt is easily removed when it has just formed.
- Remove grime, fat and other cooking residuals from steel surfaces when cool using soapy water, with or without detergent, and a cloth or sponge. Dry the surfaces thoroughly after cleaning.
- In case of encrusted grime, fat or food residuals, go over with a cloth or sponge, wiping in the direction of the satin finish and rinsing often: rubbing in a circular motion combined with the particles of dirt on the cloth/sponge could spoil the steel's satin finish.
- Metal objects can spoil or damage the steel: damaged surfaces become dirty more easily and are more subject to corrosion.
- Restore the satin finish if necessary.

#### SURFACES BLACKENED BY HEAT (when necessary)

Exposure to high temperatures can cause the formation of dark marks. These do not constitute damage and can be removed by following the instructions given in the previous section.

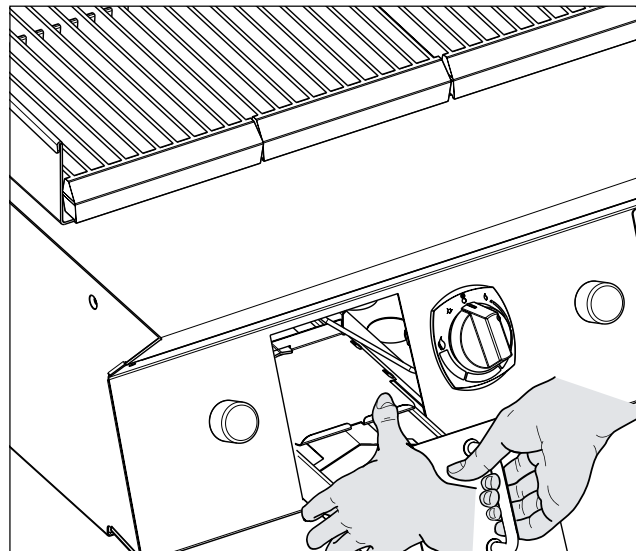
#### OTHER SURFACES

##### SURFACES IN SOFT IRON OR CAST IRON (daily)

Remove dirt using a damp cloth or, in the event of encrustations, the accessories (optional or supplied) specified in the list. After cleaning, switch the appliance on to dry the surface quickly, then protect the surface with a light film of cooking oil.

#### TANKS AND COLLECTION DRAWERS (even several times a day)

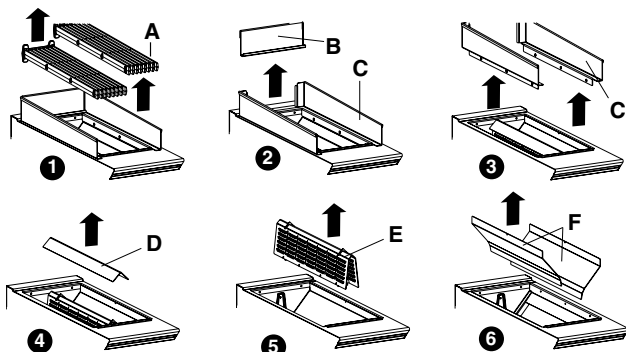
Remove any grease, oil, food residuals, etc., from trays, drawers and containers in general used for collection. Always clean these containers at the end of the day. While using the appliance, empty them when they are nearly full.



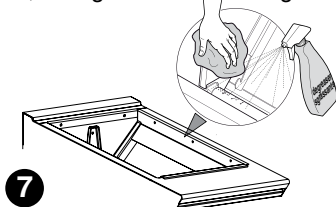


### 1.1. CLEANING THE BURNER AND COMBUSTION CHAMBER

- (figure 1) Remove cooking grills "A" by simply lifting them.
- (figure 2) Lift splash guard "B" to release it from the tabs of splash guards "C", then move it forward to remove.
- (figure 3) Lift splash guards "C" to remove them.
- (figure 4) Remove protection cover "D" by lifting it.
- (figure 5) Remove radiant panel "E", lifting it out of its seat.
- (figure 6) Remove panels "F" by lifting them.

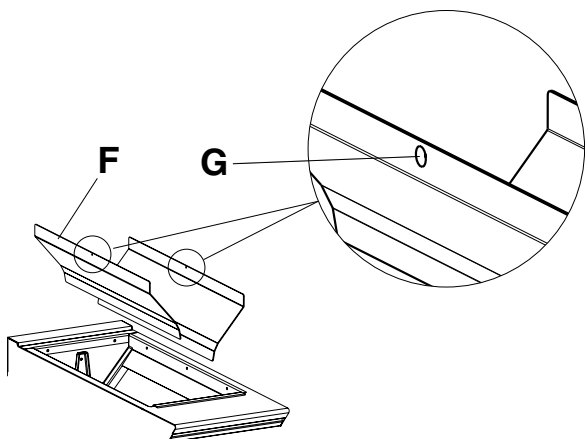


- (figure 7) Clean the burner around the flame zone and along the slots of the flame protector, removing all traces of dust and deposits, taking care not to enlarge the flame holes.

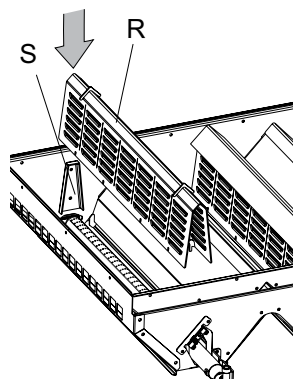


- Using a scraper or similar tool, clean the combustion chamber ribs that run the juices into the collection tray, then go over with a damp cloth. **During this operation take care not to damage the pilot igniter assembly.**
- After carrying out the cleaning operations make sure the burner and combustion chamber are perfectly clean and dry, then carefully refit the previously removed parts, ensuring that:

- holes "G" of panels "F" are at the top;

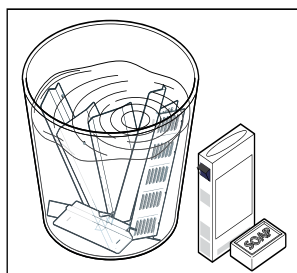


- radiators "R" are resting on their supports "S".



### 1.2. SPLASH GUARDS, PANELS, PROTECTION COVERS

Remove the splash guards, panels and protection covers from the appliance, as described in the previous section, and place them in a bowl full of hot soapy water, with or without detergent.



### 1.3 GRILLS

- **ROUTINE CLEANING** (after every use)

Remove food residuals with a damp cloth and neutral surfactants; if necessary, remove charred deposits using brush with NON-metallic bristles.

After cleaning, switch

the appliance on to dry the surface quickly, then protect the surface with a light film of cooking oil.

- **PERIODICITY** (every two months or more often in case of prolonged use of the appliance)

Lubricate the entire surface with cooking oil, then switch the appliance on at minimum until all the oil is evaporated/absorbed.

- **OXIDISED AREAS** (when necessary)

Eliminate any oxidised areas with abrasive paper (glass abrasive, NEVER metallic) and immediately repeat the "periodicity" treatment.

## 2. IDLE PERIODS

If the appliance is not going to be used for some time, take the following precautions:

- Close the cocks or main switches ahead of the appliances.
- Go over all stainless steel surfaces vigorously with a cloth moistened with paraffin oil in order to create a protective film.
- Periodically air the premises.
- Have the appliance checked before using it again.

## 3. INTERNAL PARTS (every 6 months)

**IMPORTANT! Operations to be carried out only by specialised technicians.**

- Check the internal parts.
- Remove any deposits of dirt inside the appliance.
- Check and clean the discharge system.

**NOTE !** In particular conditions (e.g. intensive use of the appliance, salty environment, etc.) the above cleaning should be more frequent.

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## VIII. MAINTENANCE

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### 1. MAINTENANCE

All the components requiring maintenance are accessible from the front of the appliance, after removing the control panel.

#### 1.1 BRIEF TROUBLESHOOTING GUIDE

Even with normal use, malfunctions can occur.

*The pilot burner does not light*

**Possible causes:**

- Insufficient pressure in gas pipes.
- Faulty gas valve.

*The pilot burner goes out when the igniter knob is released*

**Possible causes:**

- The pilot burner is not heating the thermocouple sufficiently.
- Faulty thermocouple.
- The gas valve knob is not being pressed enough.
- Lack of gas pressure at the valve.
- Faulty gas valve.

*The pilot burner is still lit but the main burner does not light*

**Possible causes:**

- Loss of pressure in gas pipe.
- Blocked nozzle or faulty gas valve.
- Burner with gas outlet holes clogged.

#### INSTRUCTIONS FOR REPLACING COMPONENTS

(to be carried out only by a specialised installer)

##### VALVE

- Remove the knobs and control panel.
- Unscrew the pilot and thermocouple pipe.
- Unscrew the gas inlet and outlet connections.
- For installation carry out the same procedure in reverse order.

##### THERMOCOUPLE, PILOT BURNER ASSEMBLY

- Remove the knobs and control panel.
- Unscrew the pilot and thermocouple pipe and remove it.
- Replace the component.

##### GRILL MAIN BURNER

- Remove the knobs and control panel.
- Remove the clamp fixing the burner to the gas pipe and nozzle holder.
- Remove the burner and replace it.

For installation carry out the same procedure in reverse order.

#### 1.2. MAINTENANCE SCHEDULE

- It is advisable to have the appliance inspected by an authorised person at least every 12 months. For this purpose, it is advisable to stipulate a servicing contract.

##### AUSTRALIA

**For service and spare parts, please contact:**

Electrolux - Tom Stoddart Pty Ltd

Zanussi - JL Lennard Pty Ltd