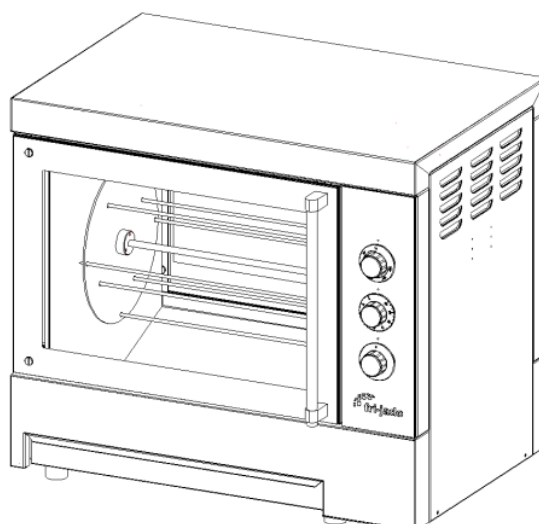


USER MANUAL

TG 4M



WARNING

Read the instructions before using the machine.

KEEP THIS USER MANUAL FOR FUTURE USE

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We advise you to contact your supplier for the guarantee period and conditions. Further we refer to our General Terms and Conditions for Sales and Delivery that are available upon request.

The manufacturer does not accept any liability for damage or injury caused by failing to adhere to these regulations or by not observing the usual caution or care in actions, operation, maintenance or repair activities, even if not explicitly described in this manual.

As a result of constant commitment to improvement, it may happen that your unit deviates in detail from what is described in this manual. For this reason, the given instructions are only a guideline for the installation, use, maintenance and repair of the unit referred to in this manual. This manual has been composed with the utmost care. The manufacturer shall, however, not be held responsible for any mistakes in this manual nor for any consequences thereof. The user is allowed to copy this manual for own use. Further all rights are reserved and nothing in this manual may be reproduced and/or made public in any way.

Modifications:

In case of unauthorized modifications in or on the unit, every liability on the part of the manufacturer becomes null and void.

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1. INTRODUCTION

1.1 General

This manual is intended for the user of the TG (Turbo Grill). The features and controls are being described, along with directions for the safest and most efficient use, in order to guarantee a long life of the unit.

All pictograms, symbols and drawings in this manual apply to all TG models.

1.2 Identification of the unit

The identification plate can be found on the outside of the machine, and contains the following data:

- Name of the supplier or the manufacturer
- Model
- Serial number
- Year of construction
- Voltage
- Frequency
- Power consumption

1.3 Pictograms and symbols

In this manual, the following pictograms and symbols are used:



WARNING

Possible physical injury or serious damage to the unit, if the instructions are not carefully followed.



WARNING

Hazardous electrical voltage.



WARNING

Danger of getting injured by hot surfaces.



Suggestions and recommendations to simplify indicated actions.



Recycling symbol.

1.4 Safety instructions



WARNING

The outside of the unit can be very hot. In particular the windows, top and fat tray.



WARNING

The maximum load on top of the unit may never exceed 50 kg (110 lbs).



WARNING

Risk of slippery floor: Spills may cause slippery surfaces, clean-up promptly.



WARNING

See installation instructions for grounding requirements.

1.4.1 General

The user of the unit will be fully responsible for abiding the locally prevailing safety- rules and regulations.

The unit may be operated by qualified and authorized persons only. Anyone working on or with this unit must be familiar with the contents of this manual and carefully follow all guidelines and instructions. Never change the order of the steps to be performed. The management must instruct the personnel on the basis of this manual and follow all instructions and regulations.

The pictograms, labels, instructions and warning signs attached to the unit, are part of the safety measures. They may never be covered or removed, and have to be clearly visible during the entire lifetime of the unit.

Immediately repair or replace damaged or illegible pictograms, warnings and instructions.

- To avoid short-circuiting, never clean the unit using a water hose. For cleaning instructions, see section 5.
- During the grilling process, the unit can get very hot.
- The unit must be cleaned regularly to ensure proper functioning and prevent fire hazard (over heating). Especially the back of the fan plate and fan blades.
- The fat collecting drawer must be emptied regularly, to prevent overflow.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

1.4.2 Moving

When moving the unit:

- Before moving the unit, first switch off the mains voltage by pulling the plug from the wall socket.
- Empty the fat collecting drawer.
- Cool-down the unit for at least ten minutes.

1.5 Hygiene

The quality of a fresh product always depends on hygiene. Especially grilling products. With the risk of salmonella contamination – especially for chicken products – you must make sure that grilled products can never be mixed with uncooked products. Also contact between grilled products and hands or tools that have been in contact with raw chicken meat, must be avoided at all times. Hands or tools that have been in contact with raw chicken meat, must be cleaned thoroughly.

1.6 Service and technical support

The electrical schematics of your unit is included. In case of malfunctions you can contact your dealer/service agent. Make sure you have the following data available:

- Model.
- Serial number.

This data can be found on the identification plate.

1.7 Storage

If the unit will not be used temporarily, and will be stored, follow these instructions:

- Clean the unit thoroughly.
- Wrap the unit from getting dusty.
- Store the unit in a dry, non-condensing environment.

1.8 Disposal



Dispose of the machine, any components or lubricants removed from it safely in accordance with all local and national safety and environment requirements.

2. DESCRIPTION OF THE UNIT

2.1 Technical description

The TG uses a combination of direct infra-red radiation and convection heat.

The rotor is being wheeled by a maintenance-free motor with a gear box.

The fan provides an equally divided heat. The glass panes are equipped with a heat reflecting layer to keep the heat inside the grill.

The material of the unit is made of stainless steel. The product contact parts are made of stainless steel AISI 304 (eventual with PTFE coating). The unit is furnished with 1 ½" legs.

The mains cable is provided with a plug.

The grilling process is manually controlled. The grease drawer has a drain plug for elimination of excess fat and can be completely removed for cleaning.

2.2 Intended use

The TG has been designed for grilling, warming up, cooking, baking, braising or roasting meat products. Any other use will not be regarded as intended use.

The manufacturer accepts no liability whatsoever for loss or injury caused by failing to strictly adhere to the safety guidelines and instructions in this manual or due to carelessness during installation, use, maintenance and repair of the unit referred to in this manual and any of its accessories.

Use the unit in perfect technical condition only.

2.3 Accessories

Your unit contains the following standard accessories:

- Meat forks.
- User manual.

For optional accessories see www.frijado.com.

3. INSTALLATION AND FIRST USE



All packing materials used for this unit are suited for recycling.

After unpacking, check the state of the unit. In case of damage, store the packing material, and contact the transporter within fifteen working days after receiving the goods.

3.1 Unpacking the unit

Your unit is packed in a plastic container, protective corners and a carton box around it. All units are placed on a wooden pallet. Around the box there are two tightening straps.

1. Cut the two transportation seals from both sides of the rotor.
2. Remove all remaining packing materials from the unit.
3. Take off the standard accessories.

3.2 Installation and positioning



WARNING

Electric shock hazard. Grounding instructions: only connect the appliance to an alternating current provided by a grounded wall socket, with a mains voltage in accordance with the information indicated on the data plate of the appliance.

It is the consumer's responsibility to make sure the electrical installation conforms with current national and local codes and wiring regulations.

Do not use a multi plug or extension cord. Such can result in fire, electrical shock, or other personal injury.

Failure to follow these instructions can result in death or serious injury.



WARNING

The outside of the unit can be very hot. The oven should not be accessible to the customer.

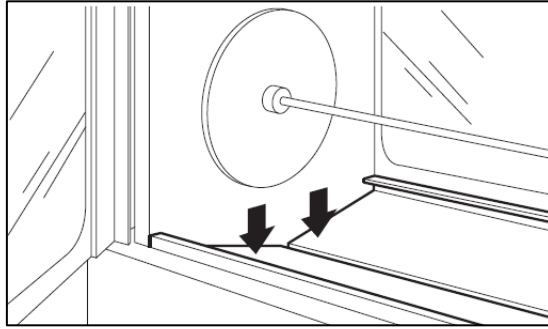


WARNING

Position the unit on a flat and horizontal surface. A temporally inclined plane of maximum 5° is allowed.


- The user must have sufficient freedom of movement to properly operate the unit.
- The minimum free distance must be at least 250 mm (10 inch).
- During grilling, the glass panes will get very hot. While positioning, keep the unit out of children's reach.
- The unit has a mains plug, and must be connected to a wall socket with the proper mains voltage. The wall socket must be mounted by a certified electrician.

- Place the bottom plates in the grilling compartment.



3.3 First use

When using the unit for the first time, to remove the metal odour that will appear at first use, the unit must be heated at the maximum temperature (250°C/482°F) for at least half an hour.

1. Clean the interior thoroughly with soap suds. Refer to section 5.
2. Rinse thoroughly and wipe dry with a soft clean cloth.
3. Put the plug in the socket.
4. Set the temperature (A1) to 250°C (482°F).
5. Set the time (A2) to 45 minutes.
6. Set the main switch (A3) to the grilling position: .

After commissioning discoloration of the cooking/grilling area can occur.

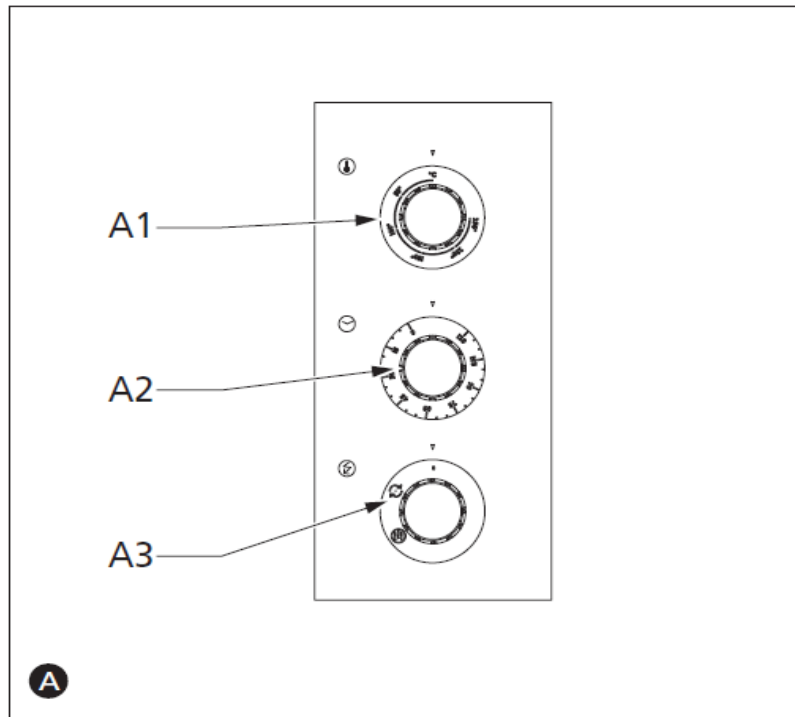
4. OPERATION AND USE



WARNING

The outside of the unit can be very hot. In particular the windows, top and fat tray.

4.1 Control Panel



A1	Thermostat	The dial on the thermostat is graduated from 65 to 250°C (149 to 482°F), and the temperature can be set by turning the thermostat dial a clockwise direction
A2	Timer	Oven time can be set between 1 and 120 minutes by turning the timer knob in a clockwise direction.
A3	Main Switch	
	0	The oven is OFF
		Only the rotor-system is rotating
		In combination with the Thermostat and Timer, a cooking process can be set.


4.2 Loading the unit

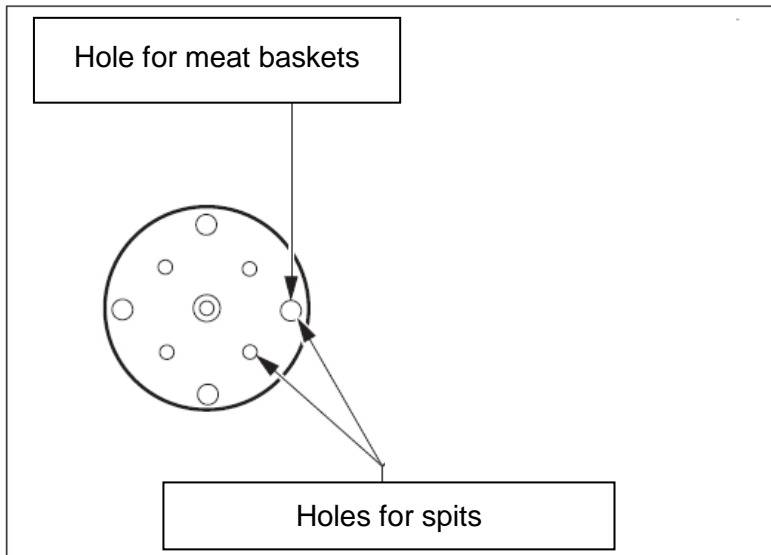


WARNING

Do not use deep frozen products; these should be thawed first.

Whilst loading the unit, make sure that the rotor gets evenly loaded, so that the mass of the products is evenly spread over the rotor, causing an equal balance. Do not allow empty meat forks, meat baskets and chicken racks etc. in the grilling process.

1. Turn the main switch to rotate rotor .
2. Turn the main switch to "0" to stop rotation.
3. Load accessory with product into the oven.
4. Repeat this procedure until the grill is full.
5. Close oven door.



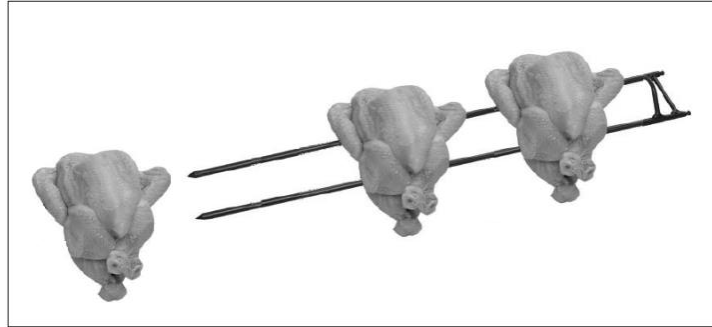
4.2.1 Loading the rotisserie using meat forks

The unit will be equipped with a set of meat forks.



Whole uncut chickens should always be grilled using the meat forks. This way their natural fat will baste each other, giving a perfectly slender cooking result. Refer to the You-Tube movie: "Fri-Jado instruction for binding and loading chicken".





For preparing chicken or any other poultry, you can work as follows:

1. Insert one point of the meat fork through the chest at the position of the wings. Insert the other point through the drum sticks. Don't forget to include the wings.
2. Leave some space between the products, for an even exposure and browning.
3. Put the meat forks onto the rotor disks in such a way that during grilling the chicken breasts face the operator.
4. Put the points of the meat forks through the appropriate holes in the rotor.
5. The other end of the meat forks must be put through the corresponding holes in the opposite rotor disk.

4.2.2 Loading the rotisserie using V-shape spits (accessory)

If you are using V-shape spits act as follows:

1. Place the skewer into the small outside hole on the rotor end plate on your left (as you face the oven). The back of the V-shape spit should be pointing towards you.
2. Fit the other end on the spit into the small corresponding holes on the rotor end plate on your right (as you face the oven).
3. Make sure the spit is level. If spit is not level make sure you are using the correct holes on the rotor end plates.

4.2.3 Loading the rotisserie using meat baskets (accessory)

If you are using meat baskets, act as follows:

- Stick the ends of the meat baskets through the appropriate holes of the rotor disks.

Whilst loading the unit with meat baskets, you must see to it, that the rotor gets evenly loaded, so that the mass of the products is evenly spread over the rotor, causing an equal balance.

Also see to it that no meat parts are sticking out of the baskets.

4.2.4 Loading the rotisserie using chicken racks (accessory)

When using chicken racks, you can use the principle as described in section 4.2.3.


4.3 Grilling time

Grilling time depends on a number of factors:

- The ambient temperature and draft in the direct vicinity of the unit.
- Grilling temperature.
- The initial product temperature.
- The sort of meat (fat or lean) and with or without additives.
- The mass and shape of the product.
- The total amount of meat to be grilled in one grilling cycle.
- The end result.

4.4 Operation of the unit

The unit has a mechanical timer with which the grilling time can be set. The grilling process stops at a time pre-set by you:

1. Load the grill as described in section 4.2.
2. Close the door.
3. Set the required temperature (A1).
4. Set the required grilling time (A2).
5. Set the main switch (A3) to .

The oven will begin cooking immediately. After the pre-set temperature has been reached, the heating elements and the lamp on the operator side will cycle on and off to maintain the set temperature.

The quartz lamps, fan and heating elements will turn off when the timer reaches "0". The bell will give a signal.

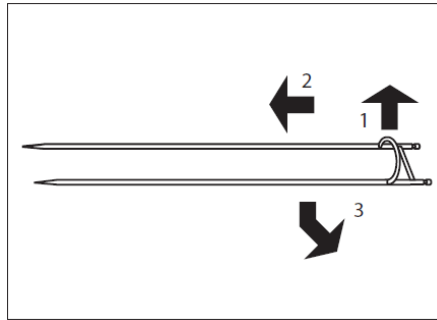
4.5 Taking out the products



WARNING

After the grilling, the interior of the unit and the glass panes are very hot. Always use oven gloves when taking out the meat forks or other accessories.

4.5.1 Taking out the meat forks



When taking out the meat forks, it is best to act as follows:

1. Hold the meat fork firmly.
2. Slightly lift the end with the grips and shift the meat fork into the direction of its points. This releases the meat fork.
3. Take the meat fork at its other end and take it out of the unit.
4. Remove the products from the meat fork.



Refer to the You-Tube movie: “Fri-Jado instruction for unloading chicken from a rotisserie”.

4.5.2 Taking out the V-shape spit (accessory)

For taking out the V-shape spit you can use the same principle as described in section 4.5.1.

4.5.3 Taking out the chicken racks (accessory).

When taking out the chicken racks from the TG it is best to act as follows:

1. Slightly lift both ends of the chicken rack.
2. Move the rack towards either the left or right hand side of the unit. This action unlocks one end of the rack.
3. Move the unlocked end towards you, and take out the rack from the unit.

Depending on the number of prepared products, you may have to empty the racks before they can be removed.

4.5.4 Taking out the meat basket (accessory)

For taking out the meat baskets you can use the same principle as described in section 4.5.3.

Depending on the number of prepared products, you may have to empty the baskets before they can be removed.

4.6 Emptying grease drawer



WARNING

Check the grease drawer after each cooking process and empty already when about half full to avoid overflowing



WARNING

Grease will be hot immediately after cooking. Allow grease to cool or use extreme caution and wear insulated gloves or safety mitts.



1. Open the door and slide the grease drawer out about 130 mm (5 inch).
2. Provide a suitably large bucket or vessel under drain valve and open valve handle.
3. Close drain valve when empty.
4. Push the grease drawer completely into the oven.
5. Close the door.

4.7 Switching-off the unit

Set the main switch (A3) to **0**.

5. CLEANING AND MAINTENANCE



WARNING

Appliance must be disconnected from the power supply during cleaning or maintenance and when replacing parts.

Do not use aggressive or abrasive materials. These will damage the surface which will make it more difficult to remove dirt.

Clean the inside, the removable parts and the accessories thoroughly with cleanser and water before putting the unit into use. Follow the cleaning instructions as described in this chapter.

Treat the outer surface of the interior window with a soft cleaning agent to protect the reflection layer.

Do not touch the lamps with bare hands. Protect hot lamps from cold water.



WARNING

Never use a water hose for cleaning. Water can seep into the unit through the ventilation holes of the unit.

5.1 Maintenance schedule

Item	Action	Frequency
Interior	<ul style="list-style-type: none"> Clean, see section 5.2. 	Daily
Fat collection drawer	<ul style="list-style-type: none"> Empty, see section 5.2. 	Daily
Rotor and bottom plates	<ul style="list-style-type: none"> Clean, see section 5.2. 	Daily
Glass panes	<ul style="list-style-type: none"> Clean, see section 5.2. 	Daily
Exterior	<ul style="list-style-type: none"> Clean, see section 5.3 Use Stainless Steel cleaning spray to remove stains and restoring the gloss. 	Weekly
Fan blade	<ul style="list-style-type: none"> Clean, see section 5.4 	Monthly



For hygiene matters and optimum state of your unit, it is advised to maintain a fixed daily cleaning schedule.

The cleaning remains will find its way to the fat collection drawer, so this drawer must be cleaned and emptied after cleaning the unit.

5.2 Daily Cleaning



The unit can be cleaned best shortly after use, when it is still lukewarm. Grilling residue and fat can be removed easily in this state.

The best cleaning can be achieved by using special oven- or grill cleaner.

The door has a magnetic lock. Regularly check the surfaces between the door and grill, and clean if necessary, to avoid air leaks.

Rotor and bottom plates

- Remove the rotor and bottom plates from the unit (no tools required).
- Place the detachable parts in a wide rinsing container filled with hot water and an appropriate cleaning agent.
- Soak these parts for one night and clean them the next day.

Fat collecting drawer

- Empty the drawer first, refer to section 4.6
- Clean with 'Fri-Jado Clean' or hot water with an appropriate cleaning agent.

The interior

- Clean the interior with cleaning agent or hot water combined with an appropriate cleaning agent.
- Dry the interior thoroughly by using a dry cloth. Make sure no water or detergent stays behind in the unit.

Glass doors

- Open the glass doors
- Clean the panes with cleaning agent or hot water combined with an appropriate cleaning agent.
- Dry the doors thoroughly by using a dry cloth.
- If possible, leave the glass doors open at night.

5.3 Weekly Cleaning**WARNING**

The control panel may only be cleaned using a damp cloth.

Prior performing the weekly cleaning first execute the daily cleaning.

The exterior

- Clean the exterior with cleaning agent or hot water combined with an appropriate cleaning agent.
- Dry the exterior thoroughly by using a dry cloth.

5.4 Monthly Cleaning



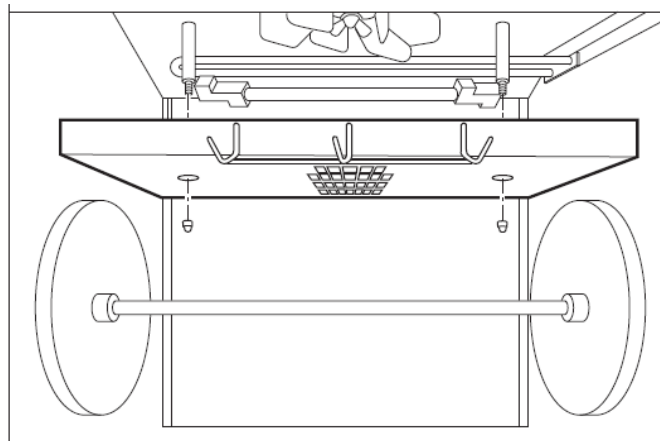
WARNING

Remove the power plug from the wall socket.

Clean the ventilation grille, fan plate and fan blades thoroughly as described below.

Grille

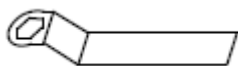
- The fan grille can be removed by loosening two cap nuts¹. Behind the grille is the fan blade.
- Clean the fan grille with a cloth and grill cleaning agent.
- Dry the fan grille thoroughly by using a dry cloth.



Fan blade

- Remove the fan blade by turning the nut on the fan clockwise (left-hand thread).
- Clean the fan blade with a cloth and grill cleaning agent.
- Dry the fan blade thoroughly by using a dry cloth.
- When remounting the fan ensure that the flat in the fan blade hole is located over the fan axle.

¹ Supplied tool item 3504271



5.5 Cleaning guidelines for non-stick coated surfaces

Several parts of your rotisserie may have a non-stick coating surface. Abrasion and caustic chemicals reduce the life of the coating. With proper care, the non-stick coating surface should provide a long life of easy-to-clean service.

DO NOT do the following:

Do not use scouring pads, steel wool, Scotch-Brite pads, plastic wash pads, or other abrasive cleaning aids (abrasive pads remove the coating over time significantly reducing the life of the coating).

Do not use sharp instruments such as knives, forks, scrapers, or metal objects of any kind.

Do not use oven cleaners.

CAUTION: The chemicals components of some sanitizers can attack the non-stick surface if the sanitizer is not diluted to its recommended strength causing the coating to peel.

Do not attempt to burn-off or bake-off surface contamination.

Do not operate more than eight hours without cleaning.

Cleaning of Non-stick Coated Surfaces (Routine Cleaning):

1. Clean at the end of each cook cycle.
2. Allow surfaces to cool before cleaning.
3. Mix a mild dish washing soap in warm water and use a soft cloth or sponge to remove grease and food residue immediately after the coated component has cooled.
4. Rinse with clean water and let dry.
5. Wipe a light vegetable oil into the surface to condition the surface. Do not use vegetable oil cooking spray.

How to Clean Severe Build-up on Non-stick Coated Surfaces:

Do not use this procedure for routine cleaning.

After successive cook cycles without cleaning, some food residues may become more difficult to remove.

If severe build-up is a regular problem, cleaning schedules should be re-evaluated.

1. Mix the following solution:

3 tablespoons of bleach 1 tablespoon liquid dish washing detergent 1 cup of water

2. Use a sponge or a cloth to apply solution to affected areas. "Plastic" wash pads designed for use on non-stick cookware may be necessary for severe build-up, but never use steel pads.
3. Thoroughly rinse with clean water and let dry.
4. Condition with vegetable oil.

6. MALFUNCTIONS AND SERVICE

Before you contact your supplier/dealer in case of a malfunction, there are some items you can check yourself:

- Is the power supply working properly? Check fuses and differential switch.
- Has the timer clock been properly set?

Item	Malfunction	Possible action
Fan	Fan not spinning	<ul style="list-style-type: none"> • Remove the plug from the socket. • Open the door. • Remove fan plate (see section 5.4) and check what's blocking the fan blade.
Fan	Noisy fan	<ul style="list-style-type: none"> • Fan polluted, clean (see section 5.4).
Lamp	Does not light up	<ul style="list-style-type: none"> • Defect, refer to section 6.3.
Oven	Product is not getting done equally	<ul style="list-style-type: none"> • Try a lower cooking temperature. • Check fuses and/or the differential switch.
Oven	The oven does not heat up	<ul style="list-style-type: none"> • Open and close door. • Check fuses and/or the differential switch.
Door	Door hangs at an angle	<ul style="list-style-type: none"> • Adjust door, see section 6.2.
Mains cord	Damaged	<ul style="list-style-type: none"> • Replace, see section 6.1.

6.1 Replace the mains cord



WARNING

Hazardous electrical voltage.

If the mains cord is damaged, it must be replaced by the manufacturer, his service agent or a similarly qualified person in order to avoid hazards.

6.2 Adjust the door

On the inside of the door, at the top, there is an adjustment screw. Adjustment of the door is done as follows:

1. Open the door.
2. Support the door from underneath and loosen both bolts in the top hinge on the inside of the door by one turn.
3. Position the door correctly so that the underside of the door, in the closed position, is parallel to the front below it.
4. Tighten the mounting bolts.

6.3 Replace a lamp



WARNING

Remove the power plug from the wall socket.



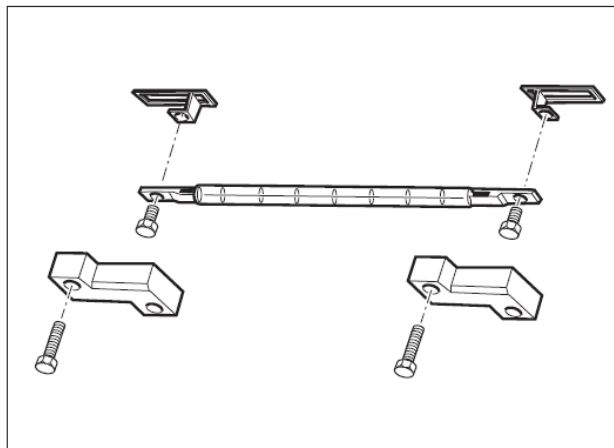
WARNING

Do not touch the lamps with bare hands.

Use a clean cloth or paper tissues when replacing the lamp.

Remove any moisture with alcohol or methyl spirits after the lamp has cooled down.

1. Switch off the unit.
2. Remove the power plug from the wall socket.
3. Remove the porcelain lamp covers.
4. Remove the bolts fastening the lamp and remove the lamp.
5. Trim the metal connecting strips of the new lamp to the right length by clipping a piece off at both ends (same length as the old lamp).
6. Position the new lamp with the white painted part upwards. While fastening the bolts, hold the metal connecting strips to prevent them from being damaged.
7. Fit the porcelain lamp covers.



7. TECHNICAL SPECIFICATIONS



WARNING

Consult the identification plate to get the proper specifications of the unit. The electrical data may vary from country to country.

European Models

Model	TG 4M	TG 4M SB (solid back)
Dimensions		
- Width	825 mm	825 mm
- Depth	590 mm	590 mm
- Height	750 mm	750 mm
Weight		
- Gross	93 kg	93 kg
- Net	80 kg	80 kg
Maximum ambient temperature	35 °C	35 °C
Sound pressure	< 70 dB(A)	< 70 dB(A)
Electrical installation		
- Voltage	3N~ 400/230V	1N~ 230V
- Frequency	50/60 Hz	50/60 Hz
- Required power	5200 W	3100 W
- Max. nom current	9 A	13 A
Plug ²	CEE-form 16 A	2 pole + PE
Length of power cable approx.	2,20 m	2,20 m

American Models

Model	TG 4M
Dimensions	
- Width	32 ½ inch
- Depth	25 ¼ inch
- Height	29 ½ inch
Weight	
- Gross	205 lbs
- Net	176 lbs
Maximum ambient temperature	95 °F
Sound pressure	< 70 dB(A)
Electrical installation	
- Voltage	3~ 208 V
- Frequency	50/60 Hz
- Required power	5200 W
- Max. nom current	14.3 A
Plug	NEMA 15-20P
Length of power cable approx.	75 inch

² Depending on Country

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