

12/2017

# Mod: E7/SF4T

Production code: BBECC477



**Diamond**  
catering equipment

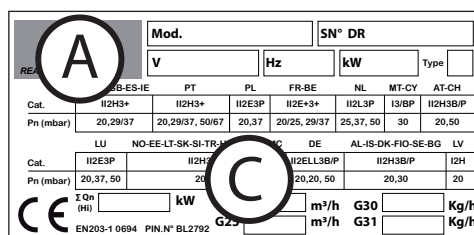
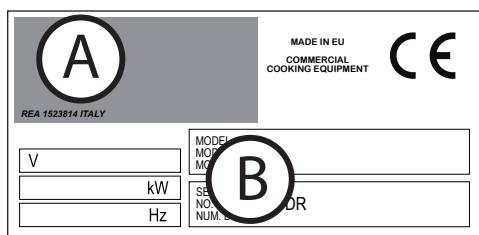
## 0.

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- A - Indirizzo Costruttore - Manufacturer's Address - Adresse du Fabricant - Dirección del fabricante - Anschrift des Herstellers - Endereço do fabricante - Adres Producenta - Adres Fabrikant - Адрес изготовителя - Adresse produsent - Tillverkare Adress.  
 B - Apparecchiatura Elettrica - Electrical Appliance - Appareil Electrique - Sistema eléctrico - Elektrogerät - Aparelhagem elétrica - Urządzenie Elektryczne - Elektrisch Apparaat - Электрооборудование - Elektrisk apparat - Elektrisk Utrustning.  
 C - Apparecchiatura Gas - Gas Appliance - Appareil à Gaz - Sistema de gas - Gasgerät - Aparelhagem a gás - Urządzenie Gazowe - Gasapparaat - Газовое оборудование - Gassdrevet apparat - Gasutrustning.



## 0.1

QUADRO NORMATIVO DI RIFERIMENTO - STANDARDS OF REFERENCE TABLEAU NORMATIF DE REFERENCE - MARCO REGLAMENTARIO DE REFERENCIA - REFERENZNORMEN - QUADRO NORMATIVO DE REFERÊNCIA - RAMY REGULACYJNE ODNIESIENIA - TABEL MET NORMREFERENTIES - СПРАВОЧНЫЕ НОРМАТИВНЫЕ СТАНДАРТЫ - RAMMEBETINGELSER - REGELVERK

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**BAIN-MARIE AND SCUTTLE  
OPERATING INSTRUCTIONS**

**EN**



05/2016 - Ed 8 - Cod. n° 177379

ELEKTRYCZNY  
ELECTRIC  
ELEKTRISCH  
ELECTRIQUE  
ELÉCTRICO  
ELÉTRICO  
ELETTRICO  
ЭЛЕКТРИЧЕСКИЕ ИЗДЕЛИЯ  
ELEKTRISK



**0. DOCUMENT IDENTIFICATION**

**0.1 STANDARDS OF REFERENCE**

**1. INFORMATION FOR USERS**

Foreword - Purpose of document - How to read the document  
Keeping the document - Addressees - Operator training program  
Pre-arrangements depending on customer - Contents of supply - Intended use  
Allowed operational and environmental conditions  
Test inspection and warranty

**2. GENERAL SAFETY INFORMATION**

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Indications concerning residual risks

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Knobs, keys and indicator light modes and functions  
    Stop modes/Emergency stop/Stoppage during a work phase  
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**3. INSTRUCTIONS FOR USE - 700**

Starting production  
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Switching On/Off  
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**3. INSTRUCTIONS FOR USE - 900/980**

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    Loading Water into cooking compartment/Loading Trays into cooking compartment  
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Operating Control  
Unloading the product  
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**4. ROUTINE MAINTENANCE**

Obligations - Prohibitions - Advice - Recommendations  
    Daily cleaning/Cleaning for prolonged deactivation  
Summarised table: qualification - operation - frequency/Troubleshooting

**5. WASTE DISPOSAL**

Deactivation and scrapping of appliance  
    Waste disposal

# 1. INFORMATION FOR USERS

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## Foreword

This document has been drawn up in the mother language of the manufacturer (Italian). The information it contains is for the sole use of the operator authorised to use the appliance in question.

Operators must be trained concerning all aspects regarding functioning and safety. Special safety prescriptions (Obligations-Prohibitions-Dangers) are carried in a specific chapter concerning these issues. This document cannot be handed over to third parties to take vision of it without written consent by the manufacturer. The text cannot be used in other publications without the written consent of the manufacturer. The use of: Figures/Images/Drawings/Layouts inside the document, is purely indicative and can undergo variations. The manufacturer reserves the right to modify it, without being obliged to communicate his acts.

## Purpose of the document

Every type of interaction between the operator and the appliance during its entire life cycle has been carefully assessed both during designing and while drawing up this document. We therefore hope that this documentation can help to maintain the characteristic efficiency of the appliance. By strictly keeping to the indications it contains, the risk of injuries while working and/or of economical damage is limited to a minimum.

## How to read the document

The document is divided into chapters which gather by topics all the information required to use the appliance in a risk-free way. Each chapter is divided into paragraphs; each paragraph can have titled clarifications with subtitles and descriptions.

## Keeping the document

This document is an integral part of the initial supply. It must therefore be kept and used appropriately during the entire operational life of the appliance.

## Addressees

This document is structured for the exclusive use of the "Generic" operator (Operator with limited responsibilities and tasks). Person authorised and employed to operate the appliance with guards active and capable of performing routine maintenance (cleaning the appliance).

## Operator training program

Upon specific demand by the user, a training course can be held for operators in charge of using the appliance, following the modalities provided in the order confirmation.

Depending on the demand, preparation courses can be held at the site of manufacturer or of the user, for:

- Homogeneous operator in charge of electric/electronic maintenance (Specialised technician);
- Homogeneous operator in charge of mechanical maintenance (Specialised technician);
- Generic operator for simple operations (Operator - Final user).

## Pre-arrangements depending on customer

Unless different contractual agreements were made, the following normally depend on the customer:

- setting up the rooms (including masonry work, foundations or channelling that could be requested);
- smooth, slip-proof floor;
- pre-arrangement of installation place and installation of equipment respecting the dimensions indicated in the layout (foundation plan);
- pre-arrangement of auxiliary services adequate for requirements of the system (electrical mains, waterworks, gas network, drainage system);
- pre-arrangement of electrical system in compliance with regulatory provisions in force in the place of installation;
- sufficient lighting, in compliance with standards in force in the place of installation;
- safety devices upstream and downstream the energy supply line (residual current devices, equipotential earthing systems, safety valves, etc.) foreseen by legislation in force in the country of installation;
- earthing system in compliance with standards in force;
- pre-arrangement of a water softening system, if needed (see technical details).

## Contents of the supply

- Appliance
- Lid/s
- Metallic rack/s
- Rack support grid
- Pipes and/or wires for connections to energy sources (only when indicated in work order).

The supply may vary depending on the order.

# 1. INFORMATION FOR USERS

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## **Intended use**

Original instructions. This device is intended for professional use. The use of the appliance treated in this document must be considered "Proper Use" if used for cooking or regeneration of goods intended for alimentary use; any other use is to be considered "Improper use" and therefore dangerous. The appliance must be used according to the foreseen conditions stated in the contract within the prescribed capacity limits carried in the respective paragraphs. It is strictly forbidden to use the pot as a fryer.

## **Allowed operating conditions**

The appliance has been designed to operate only inside of rooms within the prescribed technical and capacity limits. The following indications must be observed in order to attain ideal operation and safe work conditions.

The appliance must be installed in a suitable place, namely, one which allows normal running, routine and extraordinary maintenance operations. The operating area for maintenance must be set up in such a way that the safety of the operator is not endangered.

The room must also be provided with the features required for installation, such as:

- maximum relative humidity: 80%;
- minimum cooling water temperature  $> + 10\text{ }^{\circ}\text{C}$  ;
- the floor must be anti-slip, and devices positioned perfectly level;
- the room must be equipped with a ventilation system and lighting as prescribed by standards in force in the country of the user;
- the room must be set up for draining greywater, and must have switches and gate valves which cut all types of supply upstream the appliance when needed;
- The walls/surfaces immediately close/contact to the appliance must be fireproof and/or isolated from possible source of heat

## **Test inspection and warranty**

**Testing:** the equipment has been tested by the manufacturer during the assembly stages at the site of the production plant. All certificates relating to the testing carried out we will be delivered to the customer.

**Warranty:** The guarantee is of 12 months from invoice date and it covers the faulty parts only. Carriage and installation charges are for the buyer's account. Electric components, accessories as well as other removable parts are not covered by the guarantee.

Labor costs relating to the intervention of authorized by the manufacturer at the customer's premises, for removal of defects under warranty are charged to the dealer, except in cases where the nature of the defect is such that it can be easily removed on site by the customer.

Excluded are all tools and supplies, possibly supplied by the manufacturer together with the machines.

Damage occurred in transit or due to incorrect installation or maintenance can't be considered. Guarantee is not transferable and replacement of parts and appliance is at the final discretion of our company. The manufacturer is responsible for the device in its original setting.

The manufacturer declines all responsibility for improper use, for damages caused as a result of operations not covered in this manual or not authorized in advance by the manufacturer.

## **The warranty terminates in case of:**

- Damage caused by transportation and/or handling. Should this occur, the customer must inform the dealer and carrier via fax or RR and must write what has happened on the copies of the transportation documents. The specialised technician installing the appliance will assess whether it can be installed depending on the damage.

The warranty also terminates in the presence of:






- Damage caused by incorrect installation;
- Damage caused by parts worn due to improper use;
- Damage caused by use of unadvised or non-original spare parts;
- Damage caused by incorrect maintenance and/or lack of maintenance;
- Damage caused by failure to comply with the procedures described in this document.

## **Authorisation**
















Authorisation refers to the permission to operate an activity intrinsic to the appliance.

Authorisation is given to anyone who is responsible for the appliance (manufacturer, purchaser, signer, dealer and/or location owner).

## Foreword

	The operating instructions have been drawn up for the "Generic" operator (Operator with limited responsibilities and tasks). Person authorised and employed to operate the appliance with guards active and capable of performing routine maintenance (cleaning the appliance).
	The operators who use the appliance must be trained in all aspects concerning its functioning and safety features. They must therefore interact using appropriate methods and instruments, complying with required safety standards.
	This document does not include information regarding transportation, installation and extraordinary maintenance which must be performed by technicians qualified for the relevant operation.
	The "Generic" operator to whom this document is intended must operate on the appliance after the technician has completed installation (transportation, fixing electrical, water, gas and drain connections).
	This document does not include information regarding every modification or variation on the appliance. The manufacturer reserves the right to modify it, without being obliged to communicate his acts.




## Obligations - Prohibitions - Advice - Recommendations

	Upon reception, open the packaging and make sure that the appliance and accessories have been damaged during transportation. If damage is found, report it promptly to the carrier and do not install the appliance. Contact qualified and authorised personnel to report the problem detected. The manufacturer is not liable for damage caused during transportation.
	Unauthorised persons (including children, disabled individuals and people with limited physical, sensory and mental abilities) are prohibited from performing any procedures. Generic operators are prohibited from performing any procedures reserved for qualified and authorised technicians.
	Read the instructions before acting.
	Disconnect all supplies (electrical - gas - water) upstream the appliance whenever you need to work in safe conditions.
	Wear protective equipment suitable for the operations to be performed. As far as personal protective equipment is concerned, the European Community has issued Directives which the operators must comply with. Noise $\leq 70$ dB
	Do not leave flammable objects or material near the appliance. Do not obstruct the heat extraction and/or dissipation openings.
	Refer to standards in force for disposal of special waste.
	When loading the product into the appliance and unloading it, there is a residual risk of being burnt; this risk can occur coming into unintentional contact with: surfaces, trays, processed material.
	Use the cooking vessels in such a way that while the product is cooking, they are in the operator's sight. Liquid containers can spill during cooking, thus creating dangerous situations.
	Failure to keep the appliance in hygienic conditions could cause it to deteriorate quickly, influencing operation and creating dangerous situations.
	It is strictly forbidden to tamper with or remove the plates and pictograms applied to the equipment.
	Store this document carefully, so that it is available for whoever uses the appliance, consulting it when needed.
	The controls on the appliance can only be switched by hand. Damage caused by sharp objects or the likes terminate all and any warranty rights.
	In order to minimise the risk of shocks or fire, do not connect or disconnect the unit with wet hands.
	Whenever you access the cooking area, always remember that the danger of being burnt persists. It is therefore mandatory to take appropriate measures for personal protection.

## 2. GENERAL SAFETY INFORMATION

### Indications concerning residual risks

Though the rules for "good manufacturing practice" and the provisions of law which regulate manufacturing and marketing of the product have been implemented, "residual risks" still remain which, due to the very nature of the appliance, were not possible to eliminate. These risks include:

	Residual risk of electrocution: This risks remains when intervening on live electrical and/or electronic devices.
	Residual risk of burning: This risks remains when unintentionally coming into contact with materials at high temperatures.
	Residual risk of explosions This risk remains when: <ul style="list-style-type: none"><li>• there is smell of gas in the room;</li><li>• appliance used in an atmosphere containing substances which risk exploding;</li><li>• using food in closed containers (such as jars and cans), if they are not suitable for the purpose;</li><li>• using with flammable liquids (such as alcohol).</li></ul>

### Location of main components

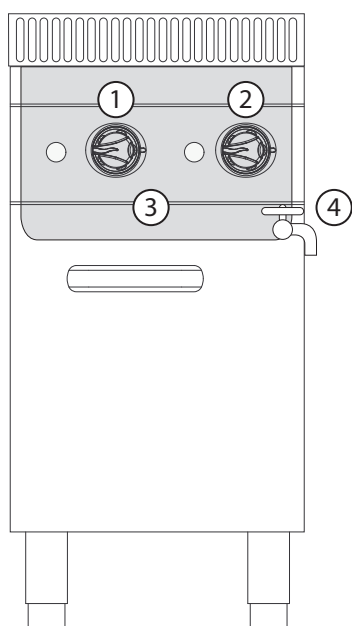
The layout of the figures is purely indicative and can undergo variations.

#### BAIN-MARIE/SCUTTLE - 700

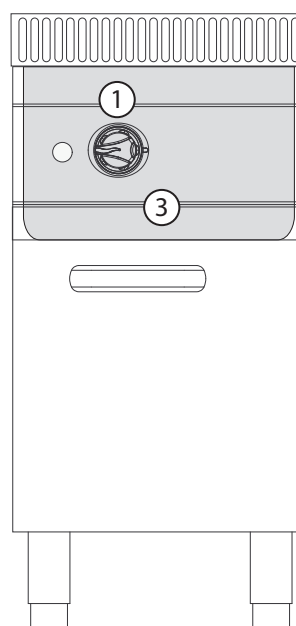
1. Switch-on knob (see Knobs, keys and indicator light modes and functions).
2. Thermostat knob (see Knobs, keys and indicator light modes and functions).
3. Cooking compartment.
4. Water drainage gate valve.

#### BAIN-MARIE - 900/980

1. Switch-on/thermostat knob (see Knobs, keys and indicator light modes and functions).
2. Water filling knob (see Knobs, keys and indicator light modes and functions).
3. Cooking compartment.
4. Water drainage gate valve.



BAIN-MARIE



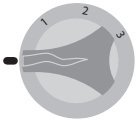
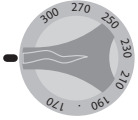
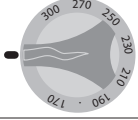




SCUTTLE





### 3. INSTRUCTIONS FOR USE

#### Knobs, keys and indicator light modes and functions

The layout of the keys in the figures is purely indicative and can be subject to variations.

	Switch-on knob (ELECTRIC - 700). It performs two different functions: 1. Heating speed. 2. Operating phase Start/Stop.
	Thermostat knob (ELECTRIC - 700). It performs one function: 1. Temperature regulation.
	Switch-on/thermostat knob (ELECTRIC - 900/980). It performs two different functions: 1. Heating phase Start/Stop. 2. Temperature regulation.
	Water filling knob (GAS/ELECTRIC - 900/980). Functions: 1. Open water flow. 2. Close water flow.
	Green indicator light (GAS/ELECTRIC): The indicator is subordinated to use of the switch-on knob. Lighting of the indicator signals the operating phase.
	Yellow indicator light (GAS/ELECTRIC): When present, the indicator is subordinated to use of the thermostat knob. Lighting of the indicator signals the heating phase.
	Water drainage gate valve (GAS/ELECTRIC). Functions: 1. Knob for filling and draining water from cavity.

#### Description of stop modes

	In stoppage conditions caused by faults and emergencies, in the event of imminent danger, it is mandatory to close all the locking devices on the supply lines upstream the appliance (Electrical-Water-Gas).
	The drawing illustrates the various positions the knobs take on during an emergency stop (A1-B1-C1-D1-E1) and stoppage during a working phase (A2-B2-C2-D2-E2).

#### Stoppage due to faulty operations

##### Safety thermostat

Standard supply with following models:

- Fryer (present on all models)
- Tilting Pan (present on all models)
- Pot (present on all models)
- Pasta cooker (only with Electric model)
- Stove (present on all models with electric oven)
- Frytop present on all electric models (only for 900/980)
- Lava stone (not present)
- Bain-marie (not present)
- All hotplate (only for 900/980: present on all models with gas oven)

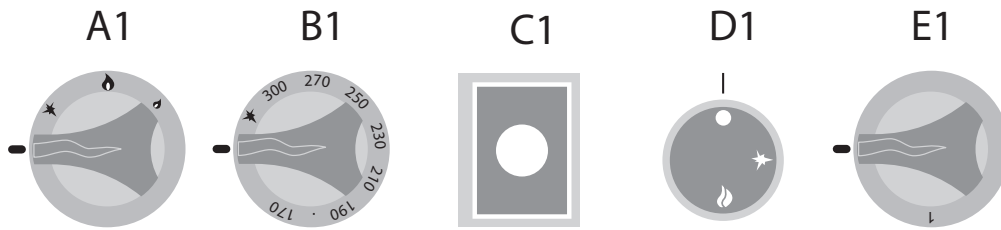
**Stop:** In situations or circumstances which can be dangerous, a safety thermostat is triggered, automatically stopping heat generation. The production cycle is interrupted until the cause of the fault is resolved.

**Restarting:** After the problem that triggered the safety thermostat is resolved, the authorised technician can restart the appliance by means of the specific controls.

### 3. INSTRUCTIONS FOR USE

#### Emergency stop

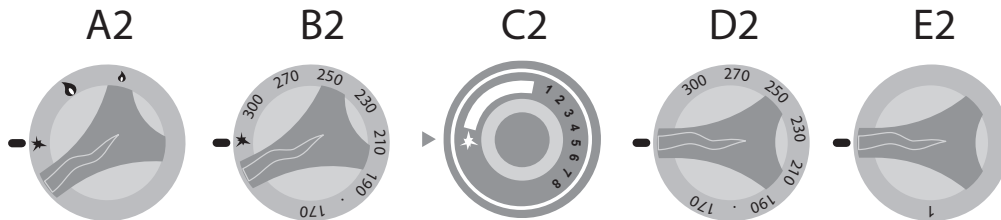
In situations or circumstances which can be dangerous, turn the knob to “Zero” depending on the model (A-B-C-D-E-1). See knobs, keys and indicator light modes and functions.



#### Stoppage during a work phase

In situations or circumstances which require temporary stop of heat generation, act as follows:

- Gas Appliance: Turn the knobs to the piezoelectric position (A-B-C-2), the pilot light remains lit as the gas flow in the burner is not interrupted.
- Electric Appliance: Turn the knobs “D2-E2” to “Zero” to stop heat generation. (See knobs, keys and indicator light modes and functions).



#### Commissioning

	<p>When commissioning the appliance and when starting it after a prolonged stop, it must be thoroughly cleaned to eliminate all residue of extraneous material (See Routine Maintenance).</p>
	<p><b>Cleaning at commissioning</b></p> <p>Do not use pressurised or direct water jets to clean the appliance.</p> <p>Remove the outer protective film by hand and thoroughly clean all the outside parts of the appliance. At the end of the operations described for cleaning the outside parts, proceeded as instructed in “Daily Cleaning” (See Routine Maintenance).</p>

#### Daily activation

Procedure:

1. Check the cleanliness and hygiene of the appliance.
2. Make sure that the room exhaust system works properly.
3. When necessary, plug the appliance into the appropriate socket.
4. Open the network locks upstream the appliance (Gas - Water - Electric).
5. Make sure that the water drain (if present) is not clogged.
6. Proceed with the operations described in “Starting production”.







#### Daily and prolonged deactivation

Procedure:



1. Close the network locks upstream the appliance (Gas - Water - Electric).
2. Make sure that the drain cocks (if present) are “Closed”.
3. Check the cleanliness and hygiene of the appliance (See Routine Maintenance).

	<p>In the event of prolonged inactivity, protect the parts more exposed to oxidation as described in the specific chapter (See Routine Maintenance).</p>
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**Starting production**

	Before proceeding with these operations, see "Daily activation".
	When loading the product into the appliance and unloading it, there is a residual risk of being burnt; this risk can occur coming into unintentional contact with: cooking compartment - hob - recipients or material processed.
	Take appropriate measures for personal protection. Wear protective equipment suitable for the operations to be performed.
	It is strictly forbidden to use the appliance as a fryer.
	The "Bain-marie" appliance must be used with tap water inside the cooking compartment. Any other use is improper and therefore dangerous.
	The "Scuttle" appliance must be used without water. The potatoes must be placed inside the cooking compartment. Any other use is considered improper and therefore dangerous.

**Loading water into cooking compartment of Bain-marie appliance**



	Disconnect the electrical power supply upstream the appliance whenever you need to drain the water.
	The water inside the cooking compartment must not leak into the trays or in the same cooking compartment.

Place the cooking compartment water drainage gate valve is at the "Closed" position (Fig. 1).

Pour tap water into the cooking compartment respecting the "Minimum" level (see notch inside cooking compartment Fig.2).

Having successfully loaded the water, proceed loading the trays.

**Loading trays into cooking compartment of Bain-marie appliance**

	The amount of the product inside the container must not exceed 3/4 its capacity.
	The container must be filled in a place prepared for these operations beforehand.

Introduce the container slowly into the cooking compartment, positioning it in the specific housing: make sure not to exceed "Minimum" level (Fig. 3).

When water and the trays have been loaded into the compartment, if necessary switch the appliance on (see Switching On/Off).

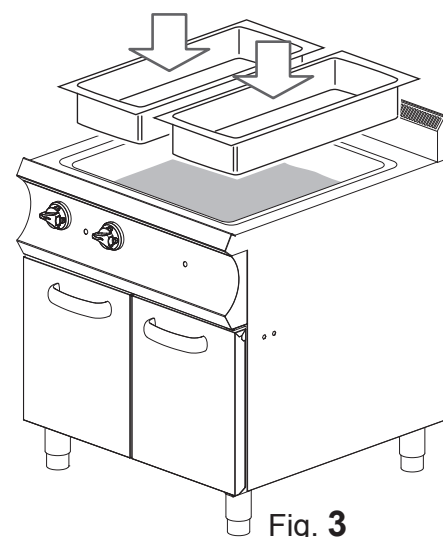
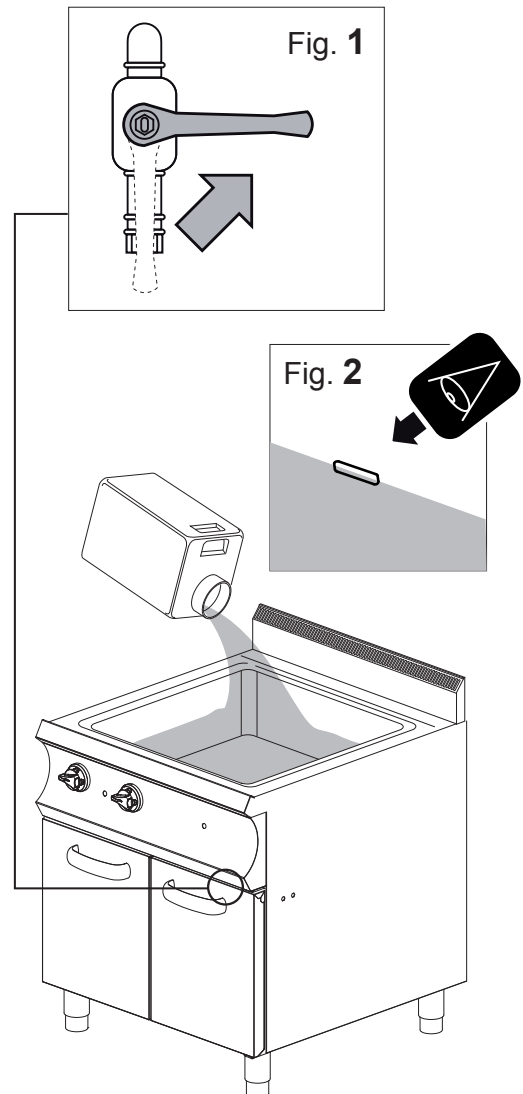




Fig. 3

**Loading potatoes into cooking compartment of Scuttle appliance**

	When filling the cooking compartment, respect the maximum level indicated on the inside.
	Do not introduce large pieces of kitchen salt into the cooking compartment as it deposits at the bottom and does not completely dissolve.



When water and the trays have been loaded into the compartment, if necessary switch the appliance on (see Switching On/Off).

**Switching On/Off**



**• Scuttle appliance**

Turn the switch-on knob to “1”. When the green light is on it means the operation is in progress (Fig. 4).

Turn the knob to “Zero” (Fig. 5) to stop heat generation.

	The appliance can be set up for a further heating unit (infrared heater) mounted on a specific support. The infrared heater must be activated and deactivated with the specific controls placed on it.
	<ul style="list-style-type: none"> <li>• Press: ON/1 to activate the infrared heater.</li> <li>• Press: OFF/0 to deactivate the heater.</li> </ul>

**• Bain-marie Appliance**

	The appliance must be switched on after having filled the compartment with water. Do not switch it on when empty (see previous page).
	During operation, top up the level of the water in the tank as needed by operating manually (see Loading water – Bain-marie).

Having successfully performed the water filling operations, proceed with the “Switch On/Off” procedure as follows:

Turn the switch-on knob to “1”. When the green light is on it means the operation is in progress (Fig. 6).

Turn the thermostat knob to adjust the cooking temperature (Fig. 6).

When the yellow indicator light (when present) is on it means heating is in progress.

Turn the thermostat knob to “Zero” (Fig. 7) to stop heat generation.

Turn the switch-on knob to “Zero” (Fig. 7) to switch the appliance off at the end of the work cycle.

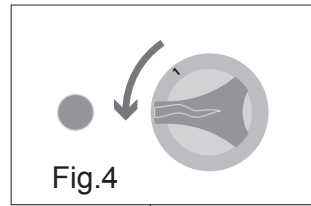


Fig.4

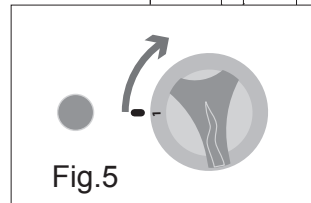
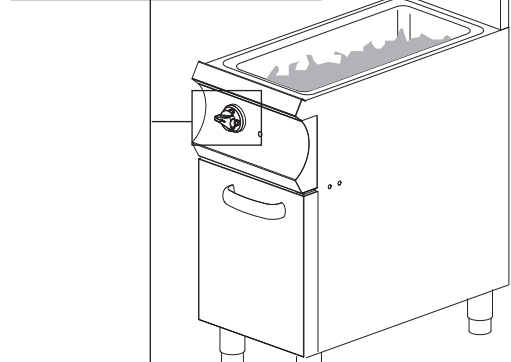


Fig.5

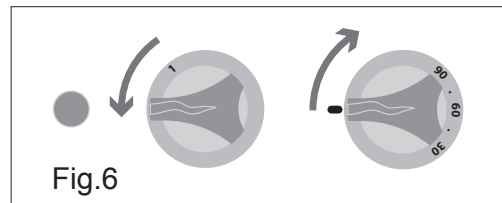


Fig.6

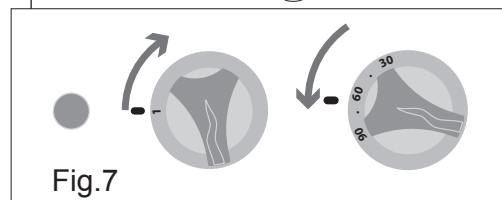
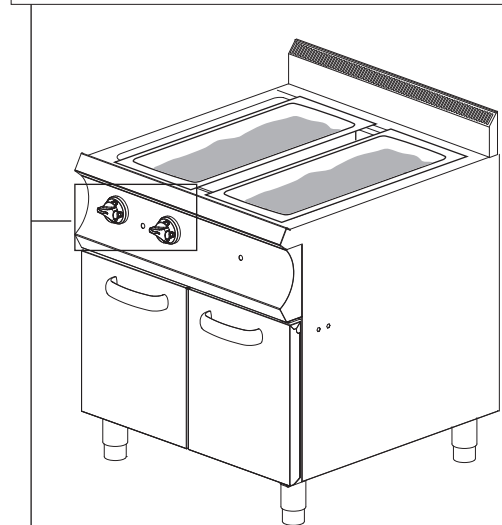









Fig.7

**Starting production**

	Before proceeding with these operations, see "Daily activation".
	When loading the product into the appliance and unloading it, there is a residual risk of being burnt; this risk can occur coming into unintentional contact with: cooking compartment - hob - recipients or material processed.
	Take appropriate measures for personal protection. Wear protective equipment suitable for the operations to be performed.
	It is strictly forbidden to use the appliance as a fryer.
	The "Bain-marie" appliance must be used with tap water inside the cooking compartment. Any other use is improper and therefore dangerous.

**Loading Water into cooking compartment**



	Disconnect the electrical power supply upstream the appliance whenever you need to drain the water.
	The water inside the cooking compartment must not leak into the trays.

Place the cooking compartment water drainage gate valve is at the "Closed" position (Fig. 1).

Slowly turn the water filling knob to the open position (Fig. 2). Fill the tank to "Minimum" level indicator (Fig. 3). Then turn the knob to "Zero" to stop the flow of water. During operation, top up the level of the water in the tank as needed by acting on the specific knob (Open-adjust-close).

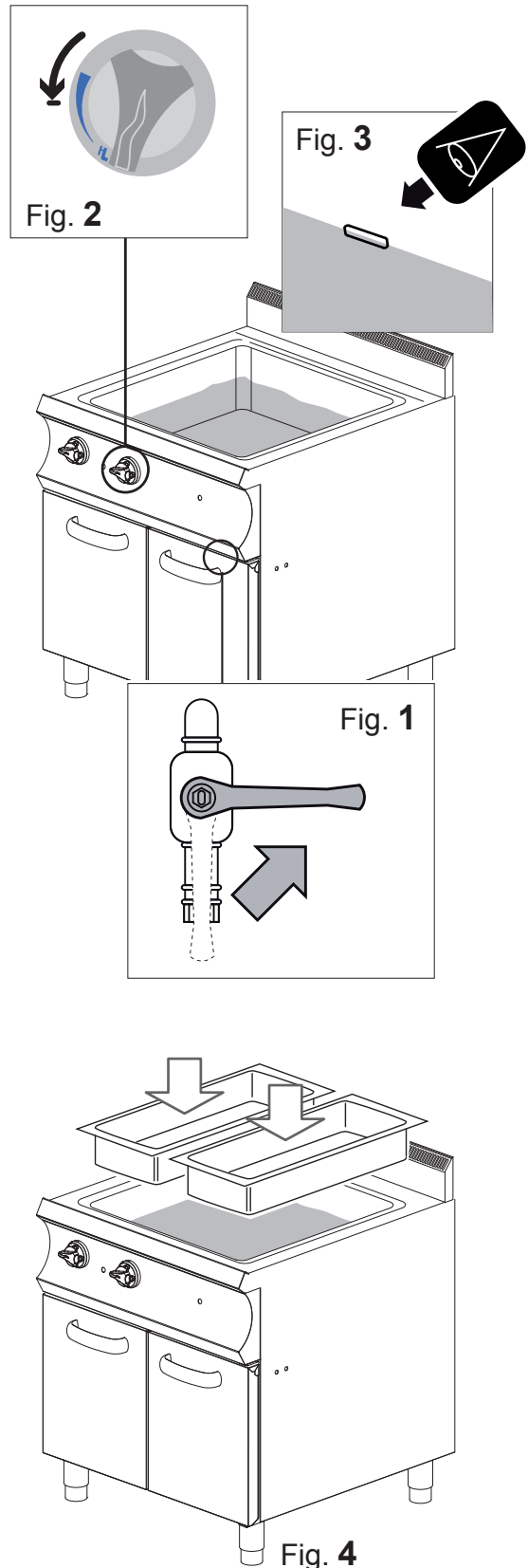
Having successfully loaded the water, proceed loading the trays.

**Loading Trays into cooking compartment**



	The amount of the product inside the container must not exceed 3/4 its capacity.
	The container must be filled in a place prepared for these operations beforehand.

Introduce the container slowly into the cooking compartment, positioning it in the specific housing (Fig. 4).

When water and the trays have been loaded into the compartment, if necessary switch the appliance on (see Switching On/Off).



#### Switching On/Off

	The appliance must be switched on after having filled the compartment with water. Do not switch it on when empty (see previous page).
	During operation, top up the level of the water in the tank as needed by acting on the specific knob (Open-adjust-close- see Loading water – Bain-marie).

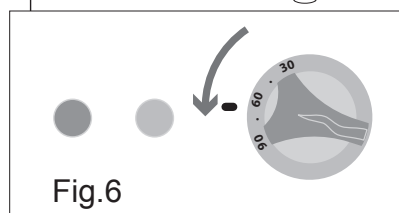
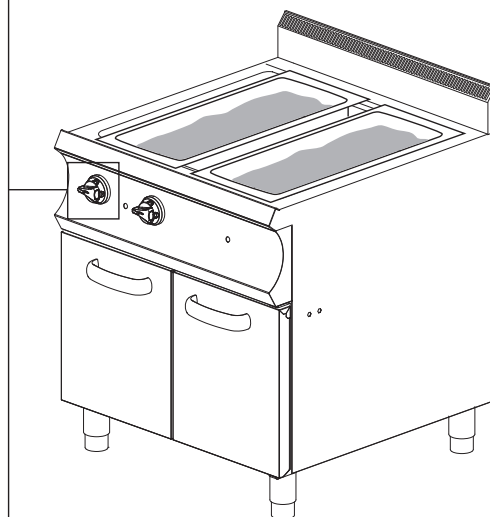
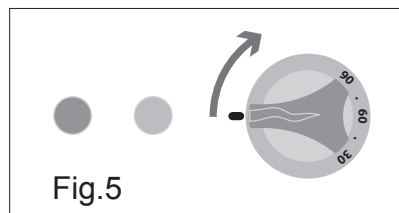
Having successfully performed the water filling operations, proceed with the “Switch On/Off” procedure as follows:

Turn the thermostat knob to switch on the appliance and set the cooking temperature (Fig. 5).

Lighting of the green indicator signals the operating phase.

Lighting of the yellow indicator signals the heating phase.



Turn the thermostat knob to “Zero” (Fig. 6) to stop heat generation and to switch the appliance off at the end of the work cycle.




### 3. INSTRUCTIONS FOR USE

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#### Operating Control

	During operation, check the level of the water inside the "Bain-marie" appliance and bring it to the correct level as needed (see filling cooking compartment with water).
	Be careful of the residual risk of being burnt while topping up the water. Use adequate prevention and protection equipment.


#### Unloading the product

	Take appropriate measures for personal protection. Wear protective equipment suitable for the operations to be performed.
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When cooking is over, remove the item from the appliance using the specific cookware and put it in a place prepared beforehand.

After the product has been unloaded, load it once again or else perform the operations described in "Deactivation".

#### Deactivation

	The appliance must be cleaned regularly and every incrustation or food deposit removed. See chapter: "Maintenance".
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At the end of the work cycle, turn the knobs on the appliance to "Zero".

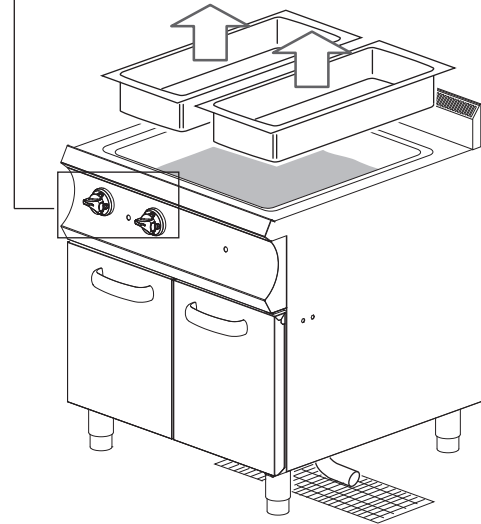
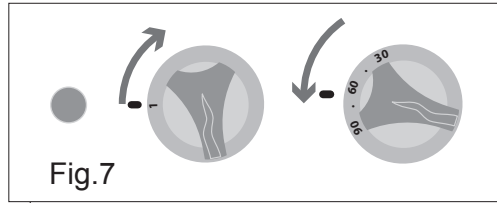
	The cooking compartment of the "Bain-marie" appliance must be emptied at the end of each work cycle (see water drainage from cooking compartment).
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- Check the cleanliness and hygiene of the appliance; see "Maintenance".
- Close the network locks upstream the appliance (Gas - Water - Electric).

#### Draining water from cooking compartment of Bain-marie appliance

Turn the knobs on the appliance to "Zero" (Fig.7).

Wait for the water inside the cooking compartment to cool off.  
Remove everything from the cooking compartment (trays, etc.).

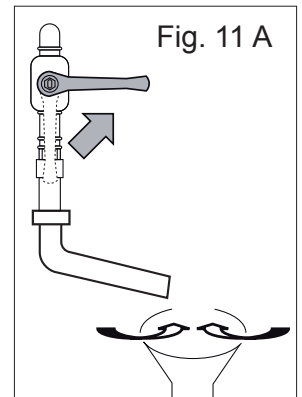
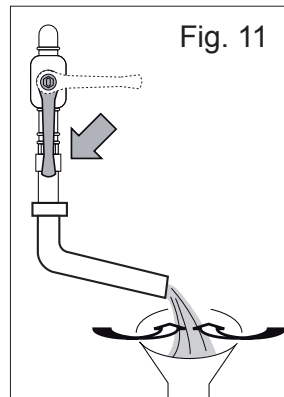


- A) Appliance with Collected drainage**


Use a quick coupling to connect to the pipe to the drainage gate valve.  
Connect the other end of the pipe to the device for collecting greywater.

Open the drainage gate valve and let the water flow out through the drain piping (Fig. 11).

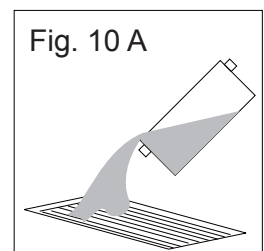
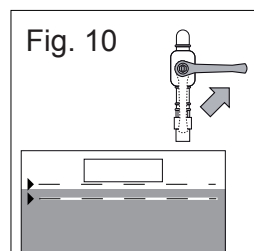
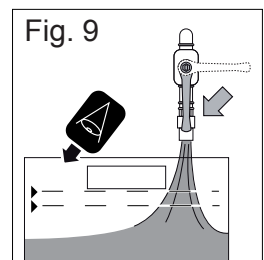
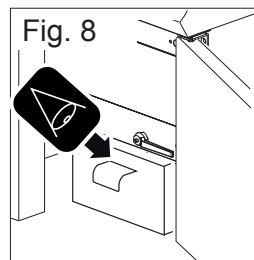
When the cooking compartment has been emptied, close the water drainage gate valve (Fig. 11 A).



- B) Appliance with open drainage**

 Fill the recipient NOT BEYOND 3/4 its maximum capacity. This makes it easier to handle, keeping it from accidentally overflowing.

1. Place a recipient (appropriate for shape and capacity) underneath the drainage gate valve (Fig. 8).
2. Open the gate valve slowly and keep an eye on the recipient as it fills (Fig. 9).
3. Close the gate valve and empty the recipient down the drain (greywaters) Fig. 10 - Fig. 10A.
4. Repeat operations 1-2-3 until the cooking compartment is empty.



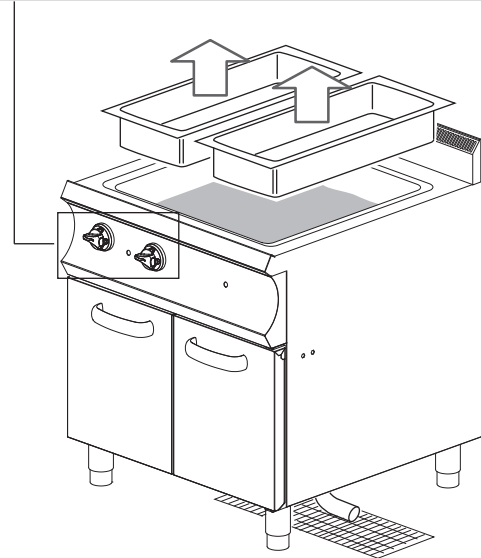
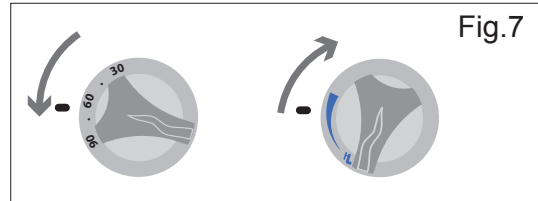
When the cooking compartment has been emptied, close the water drainage gate valve.



**Water drain from cooking compartment**

At the end of the work cycle, turn the knobs on the appliance to “Zero” (Fig.7).

Wait for the water inside the cooking compartment to cool off. Remove everything from the cooking compartment (trays, etc.).

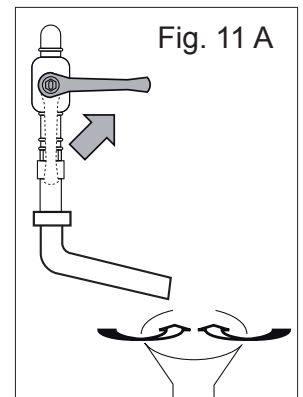
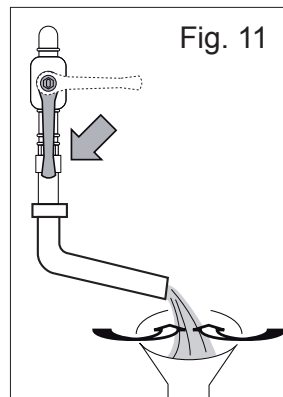


**A) Appliance with Collected drainage**


Use a quick coupling to connect to the pipe to the drainage gate valve. Connect the other end of the pipe to the device for collecting greywater.

Open the drainage gate valve and let the water flow out through the drain piping (Fig. 11).

When the cooking compartment has been emptied, close the water drainage gate valve (Fig. 11 A).

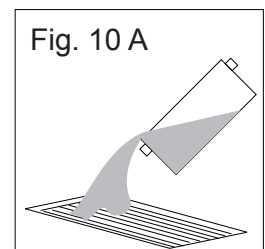
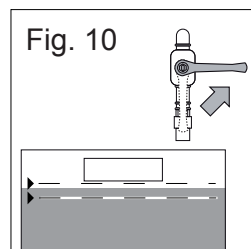
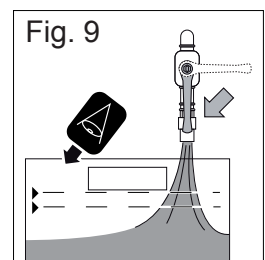
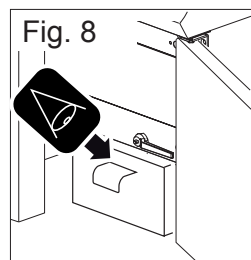


**B) Appliance with open drainage**

 Fill the recipient NOT BEYOND 3/4 its maximum capacity. This makes it easier to handle, keeping it from accidentally overflowing.






















1. Place a recipient (appropriate for shape and capacity) underneath the drainage gate valve (Fig. 8).
2. Open the gate valve slowly and keep an eye on the recipient as it fills (Fig. 9).
3. Close the gate valve and empty the recipient down the drain (greywaters) Fig. 10 - Fig. 10 A.
4. Repeat operations 1-2-3 until the cooking compartment is empty.

When the cooking compartment has been emptied, close the water drainage gate valve.





## 4. ROUTINE MAINTENANCE



### Obligations - Prohibitions - Advice - Recommendations



	If the appliance is connected to a flue, the exhaust pipe must be cleaned according to that foreseen by specific regulatory provisions of the country (contact your installer for information).
	To make sure that the appliance is in perfect technical conditions; have it serviced at least once a year by an authorised technician of the assistance service.
	Unauthorised persons (including children, disabled individuals and people with limited physical, sensory and mental abilities) are prohibited from performing any procedures. Performing any procedures without first having read all the documentation is strictly prohibited.
 	Whenever you access the cooking area, always remember that the danger of being burnt persists. It is therefore mandatory to take appropriate measures for personal protection.
 	Disconnect electrical power upstream the appliance whenever you need to work in safe conditions to perform cleaning or maintenance.
	Wear protective equipment suitable for the operations to be performed. As far as personal protective equipment is concerned, the European Community has issued Directives which the operators must comply with.
	The appliance is used to prepare food products. Keep the appliance and the surrounding area constantly clean. Failure to keep the appliance in ideal hygienic conditions could cause it to deteriorate quickly and create dangerous situations.
	Filth deposit built up near heat sources can burn during normal use of the appliance and create dangerous situations. The appliance must be cleaned regularly and every incrustation or food deposit removed.
	The chemical effect of salt and/or vinegar or other acid substances can in the long run cause the inside of the hob to corrode during cooking. At the end of the cooking cycle of such substances, the appliance must be washed thoroughly with detergent, abundantly rinsed and carefully dried.
	Be careful not to damage stainless steel surfaces. Do not use corrosive products, abrasive material or sharp tools.
	The liquid detergent for cleaning the hob must have certain chemical features: pH greater than 12, without chlorides/ammonia, viscosity and density similar to water. Use non-aggressive products for cleaning the inside and outside of the appliance (use detergents on the market for cleaning steel, glass and enamel).
	Carefully read the indications carried on the labels of the products used. Wear protective equipment suitable for the operations to be performed (see the protective equipment carried on the package label).
	Do not use pressurised or direct water jets to clean the appliance. Rinse the surfaces with tap water and dry them with an absorbent cloth or other non-abrasive material.
	In the event of prolonged inactivity, besides disconnecting the supply lines, you must thoroughly clean all the inside and outside parts of the appliance.
	Before performing any of the cleaning operations described hereafter, the operator must have had a look at the whole document.
   	Refer to standards in force for waste disposal.

## 4. ROUTINE MAINTENANCE




	<p><b>Daily cleaning</b></p> <p>Remove everything from the cooking compartment.</p> <p>Use a standard sprayer to apply the liquid detergent on the whole surface (cooking compartment, lid and all exposed surfaces) and using a non-abrasive sponge, clean the entire appliance thoroughly by hand.</p> <p>When finished, rinse abundantly with tap water (do not use pressurised and/or direct water jets).</p> <p>See Water Drainage for “Bain-marie” appliance: empty the water from the cooking compartment with the drainage gate valve. Open the drainage gate valve only after having made sure that the pipe is free from obstructions.</p> <p>Carefully dry the cooking compartment with a non-abrasive cloth. If necessary, repeat the operations described above for a new cleaning cycle.</p> <p>When these operations have been done successfully, close the drainage gate valve.</p>
	<p><b>Cleaning for prolonged deactivation</b></p> <p>When the appliance remains idle for a long time, perform all the described daily cleaning procedures.</p> <p>When the operations are over, protect the parts more exposed to oxidation doing as follows. Therefore:</p> <ul style="list-style-type: none"> <li>• Use lukewarm water with a bit of soap to clean the parts;</li> <li>• Rinse the parts thoroughly, without using pressurised and/or direct water jets;</li> <li>• Dry the surfaces carefully using non-abrasive material;</li> <li>• Pass over all the stainless steel surfaces using a non-abrasive cloth slightly moistened with Vaseline to create a protective coating.</li> </ul> <p>For appliances with doors and rubber gaskets, leave the door slightly ajar to let it air out and spread protective talcum powder on the rubber gasket surfaces.</p> <p>Air out the appliances and rooms regularly.</p>

### Summarised table: qualification - operation - frequency


	<p>Generic operator Person authorised and employed to operate the appliance with guards active, capable of performing routine tasks.</p>
	<p>Homogeneous operator Expert operator authorised for handling, transporting, installing, servicing, repairing and scrapping the equipment.</p>

	OPERATION	FREQUENCY
	Cleaning at commissioning	Upon arrival after installation
	Cleaning appliance	Daily
	Cleaning parts in contact with foodstuff	Daily
	Checking thermostat	Yearly


## 4. ROUTINE MAINTENANCE

	Should a problem occur, the generic operator performs the first search and, if qualified, eliminates the cause of the problem and restores the appliance correctly
	If the problem cannot be resolved, turn the appliance off, disconnect it from the electrical mains and shut all the supply valves. Then contact authorized customer service
	The authorized maintenance technician intervenes when the generic operator was not able to pinpoint the cause of the problem, or whenever restoration of correct operation of the appliance entails executing operations for which the generic operator is not qualified

### Troubleshooting

	Whenever the appliance does not work properly, try to solve the less serious problems using this table.
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FAULT	POSSIBLE CAUSE	INTERVENTION
The appliance does not turn on.	<ul style="list-style-type: none"> <li>The master switch is not connected.</li> <li>The residual current device or circuit breaker has tripped.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the master switch.</li> <li>Restore the residual current device or circuit breaker.</li> </ul>
Water does not drain from the cooking compartment.	<ul style="list-style-type: none"> <li>The drain is clogged.</li> </ul>	<ul style="list-style-type: none"> <li>Clean the drain filter.</li> <li>Free the drain from residues.</li> </ul>
The inner walls of the tank are covered with limestone.	<ul style="list-style-type: none"> <li>The water is too hard; the softener is finished.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the appliance to a water softener.</li> <li>Regenerate the water softener.</li> <li>Descale the cooking compartment.</li> </ul>
The cooking compartment is stained.	<ul style="list-style-type: none"> <li>Quality of the water.</li> <li>Ineffective detergent.</li> <li>Insufficient rinsing.</li> </ul>	<ul style="list-style-type: none"> <li>Filter the water (see water softener).</li> <li>Use the recommended detergent.</li> <li>Rinse once again.</li> </ul>
The appliance does not turn on.	<ul style="list-style-type: none"> <li>The master switch is not connected.</li> <li>The residual current device or circuit breaker has tripped.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the master switch.</li> <li>Restore the residual current device or circuit breaker.</li> </ul>
The light indicators do not turn on.	<ul style="list-style-type: none"> <li>The master switch is not connected.</li> <li>The residual current device or circuit breaker has tripped.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the master switch.</li> <li>Restore the residual current device or circuit breaker.</li> </ul>

	If the problem cannot be resolved, turn the appliance off, disconnect it from the electrical mains and shut all the supply valves. Then contact authorized customer service
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## 5. WASTE DISPOSAL

### Deactivation and scrapping of appliance



OBLIGATION OF DISPOSING OF MATERIALS USING THE LEGISLATIVE PROCEDURE IN FORCE IN THE COUNTRY WHERE THE APPLIANCE IS SCRAPPED.

In compliance with Directives (see n. 0.1 Section), relating to the reduction of use of hazardous substances in electrical and electronic equipment, as well as waste disposal. The symbol of the barred waste bin carried on the appliance or its packaging indicates that the product at the end of its useful life it must be disposed of separately from other waste.

Differentiated waste collection of this appliance at the end of its life is organised and implemented by the manufacturer. The user who wishes to get rid of this appliance must contact the manufacturer and follow the instructions received to separately dispose of the appliance at the end of its life. An appropriate collection and dispatching of exhausted appliances to environmentally compatible recycling, treatment and disposal plants helps to prevent damaging effects on health and environment and also guarantees that the component parts of exhausted appliances are effectively recycled or reused. Holders of exhausted appliances who dispose of them illegally will be prosecuted.



Specialised personnel is in charge of deactivation and scrapping of the appliance.

### Waste disposal



During operation and maintenance, do not disperse pollutants (oils, grease, etc.) into the environment and perform differentiated waste disposal depending on the composition of the different materials and in compliance with relevant laws in force.

Illegal waste disposal will be prosecuted by laws in force in the territory where the violation has been ascertained.



## REMARKS

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