

MOD : WR-BM30-30

Production code : XDBM 3 GN11 CR



WR-BM20-20

WR-BM30-30

Mobile Bain Marie



Instruction Manual

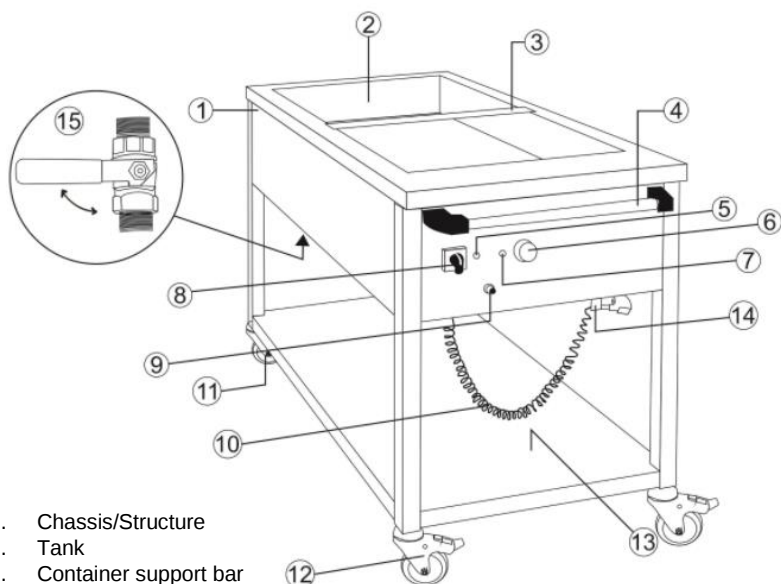


Manuel d'Instructions



Handleiding

WR-BM20-20 | WR-BM30-30



1. Chassis/Structure
2. Tank
3. Container support bar
4. Grab handle
5. Pilot light indicating that the appliance is ON (green)
6. Temperature regulation thermostat.
7. Pilot light indicating that the device is heating (orange).
8. Rotary switch 0/I
9. Safety thermostat (Appliance Reset)
10. Spiral power cord
11. Swivel castor (2 at the back)
12. Swivel Castor with Brake (2 at the front)
13. Base
14. Plug holder
15. Ball valve

Spare Parts

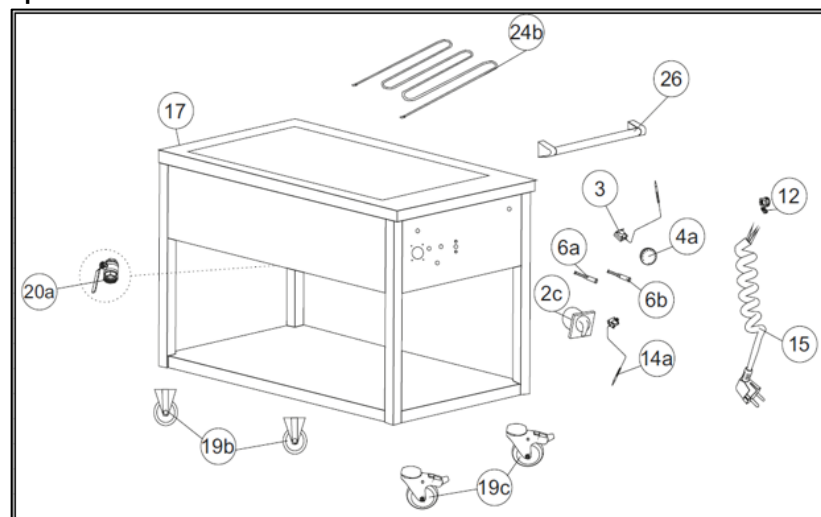


Fig. 1



REMARK!

Whenever you need to order a component, you must provide:

- ✓ Model
- ✓ Serial Nr.
- ✓ Spare Part nr.

Technical Specifications

MOD.	 KG		 AC	Lts. $\approx$ "MIN" - "MAX"	Cap. (*) 
WR-BM20-20	34,5	1,5kW	230V~50/60Hz	" 6 " - " 12 "	2 x GN1/1-200 6 x GN1/3-200 1 x GN1/1 + 3 x GN1/3
WR-BM30-30	44	1,75kW	230V~50/60Hz	" 10 " - " 20 "	3 x GN1/1-200 9 x GN1/3-200 2 x GN1/1 + 3 x GN1/3 1 x GN1/1 + 6 x GN1/3

Table 1

The main electrical characteristics are indicated on the rating plate.

We reserve the right to change specifications without prior notice for the purpose of product development and improvement.

(*) GN Containers and lids are not delivered with the mobile bain-marie.



Possible Combinations of GN Containers

WR-BM20-20	1/1	1/1	1/3	1/3	1/3	1/3	1/3	1/3
WR-BM30-30	1/1	1/1	1/1	1/3	1/3	1/3	1/3	1/3
	1/1	1/1	1/3	1/3	1/3	1/3	1/3	1/3

Tab.2



REMARK!

Use the Container Support Bars (N°.3) to reinforce their support and be able to make the combinations shown in table 2.

Model WR-BM20-20 delivered with 1 bar (Fig.5)

Model WR-BM30-30 delivered with 2 bars (Fig.6)

Handle Assembly

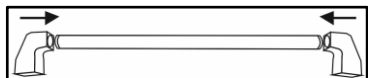


Fig. 2A

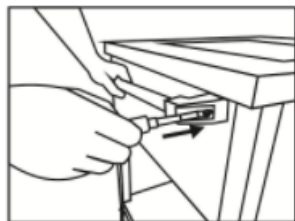


Fig. 2B

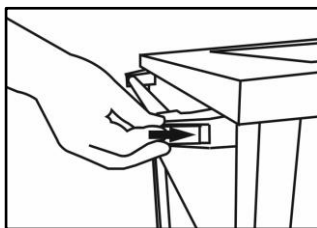


Fig.2C

Removing the handle side cover

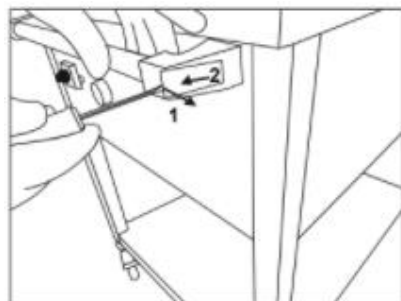


Fig. 3

Electric Schemes

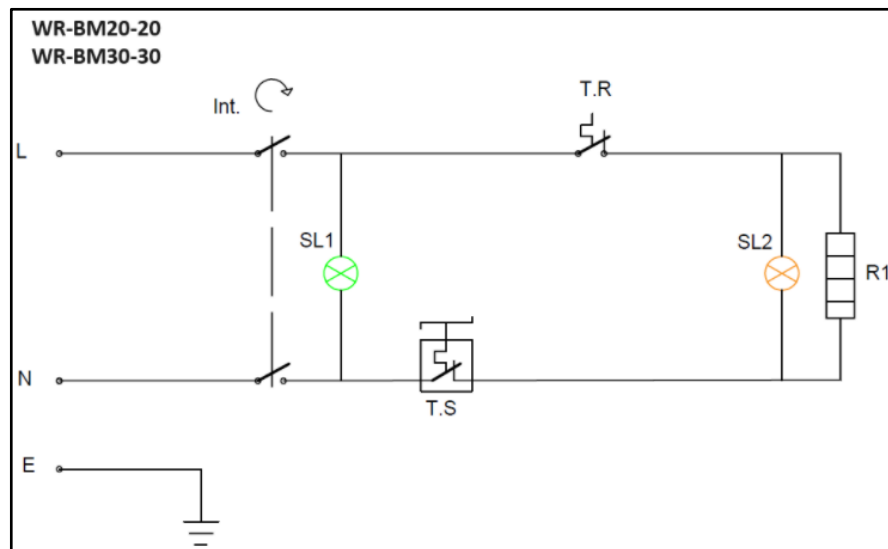


Fig.4

Int.:
Rotary Switch

TR:
Regulating thermostat

SL1; SL2:
Pilot Light

R1:
Heating Element

TS:
Safety thermostat

Packing Contents

WR-BM20-20



Fig.5

WR-BM30-30



Fig.6

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1. INTRODUCTION



Read these instructions carefully before using this product for the first time, even if you feel that you are familiar with this type of appliances. Keep the instruction manual in a safety place for future reference, and in the case of passing on or selling the product to third parties, these instructions must be delivered together with it.

For your convenience, register the model and serial number (located on the product identification plate). These 2 numbers should always be mentioned when you have questions about the product or need assistance/maintenance.

Make sure that the safety instructions written in this manual are strictly followed to avoid personal and/or property damage.

This product has been manufactured by qualified people, using high quality materials and in accordance with EU regulations, ensuring that you are purchasing a safe and efficient product!!!

1.1. Symbols & Marks

In this manual, and on labels placed on the product, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions must be followed very carefully to avoid any risk of accident, personal injury or property damage.



DANGER! This symbol highlights hazards which could lead to death.



WARNING! This symbol highlight risks that are likely to cause injury or could result in death.



CAUTION! This symbol highlights a potentially hazardous situation that must be avoided. Failure to do so may result in minor to moderate injury.



HOT SURFACE! This symbol communicates the presence of hot surfaces alerting individuals to exercise caution and avoid direct contact.



HAZARDOUS ELECTRICAL VOLTAGE! This symbol warns others of the dangers from electrical shock risks. Shocks from equipment can cause severe and permanent injuries.



REMARK! This symbol highlights important recommendations and information for the effective use of the device and minimizing potential failures.



Product Recycling. For disposal of the appliance, consider and act in accordance with national and local rules and regulations.



Restriction of Hazardous Substances. In the manufacture of this product, the guidelines of the directive RoHS have been followed.



2. GENERAL SAFETY INSTRUCTIONS

The safe functioning of the product is directly related to its appropriate use. Negligent handling of the product can lead to dangerous situations such as physical damage to people and the device, and risk to the life of the user or third parties.

When using any electrically powered product, safety precautions should always be followed, including the following:

2.1. General principles

- Before using the product, check whether there is any visible damage on the outside. Never use a damaged product.
- This product is externally protected by a plastic film that must be removed before putting it into operation. Make sure to remove all plastic film as well as any glue residue before turning on the appliance.
- Never leave the appliance unattended during use.
- This appliance must be operated by people trained in handling electrical equipment for hospitality.
- Ensure that children do not have access to play with this device. Do not leave the appliance unattended, especially near children.
- Children under 14 years and people with impaired physical, sensory or mental capacities, or people without relevant experience or knowledge, should not use this appliance, unless they benefit from adequate supervision or have received prior instruction on the safe use of the appliance and they understand the risks involved.
- Handling, cleaning and user's maintenance should not be carried out by children unless older than 14 and supervised.
- Safe operation is only guaranteed when using the appliance for its intended purpose.
- Any use beyond that for which the product was designed is considered neglected. The manufacturer cannot be held responsible for damage caused by inappropriate or

incorrect use of the product. The user is solely responsible for all damages resulting from incorrect or inappropriate use of the product.

2.2. Work environment

- The appliance must only be used in environments protected from the external environment.
- The appliance must not be installed near combustible materials or materials susceptible to deformation due to heat. If this is not possible, protect the surrounding area with a non-combustible, thermal insulating material.
- Provide a location with as little humidity as possible.
- Do not place the device near water faucets.
- Do not place the device too close to an electrical outlet.

2.3. Electrical safety



DANGER! Electric shock hazard!

- Only connect the appliance to a socket or installation suitable for the electrical parameters indicated on the device's specification plate. Make sure that the appliance is connected to an electrical circuit sized for the power indicated on the rating plate.
- Connect the appliance to an electrical circuit with an earth connection. The electrical safety of the appliance is only guaranteed if it has a correct earth connection.
- Do not connect the appliance to the power supply with a multiple plug or extension cable. These do not guarantee the safety of the equipment.
- Do not use this appliance with a chronometer control device or any other device that operates it automatically.
- Check the power cord regularly for damage. Do not use it if the cable or plug are damaged or if you notice that the appliance does not work correctly.
- Do not operate the appliance with the cable tangled, folded or bent. It must always remain fully unrolled. Never place the appliance or other objects on the power cable.
- Do not place the power cord on flammable materials. Do not cover the cable. Keep the cord away from work areas and do not immerse it in water.
- Do not turn off the appliance by pulling on the cord. The power cord must be disconnected from the socket only by pulling the plug.
- When inserting and removing the plug from the wall socket, the rotary switch and the regulating thermostat must be OFF, "0" position.
- The cable must not touch any hot parts or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on, or trip over the cable.
- Never carry or lift the device by the power cord.
- Make sure that no water or liquids are in contact with the electrical components.
- Do not use the device with wet/moist hands, or standing on wet surface.
- Always disconnect the device from the electric power supply:
 - ❖ when the device is not used;
 - ❖ in case of anomalies during operation;
 - ❖ before cleaning.

2.4. Cleaning

- Before cleaning, **ENSURE** that the appliance is **unplugged** from the electrical power supply and wait it is **cold down**.
- **NEVER** use jets of water for cleaning to avoid the contact of the electrical parts with the water.
- **NEVER** use abrasive products, solvents or acids for cleaning the product.

2.5. Service and Maintenance

- Installation and repair interventions must strictly comply with current national and local safety regulations.
- Any technical interventions as well as assembly and maintenance must only be carried out by technicians/skilled people. The manufacturer is not responsible for damages resulting from repairs and other interventions carried out by unqualified people. Use only spare parts of origin.

3. SPECIFIC SAFETY INSTRUCTIONS

3.1. Transporting risk



CAUTION!

Numerous hazards such as crushing and may occur when transporting this heavy product. Do not attempt to move this product while the water is hot, as severe burns may occur.

- Mobile Bain Marie must only be moved manually. Transporting it with the help of machines, e.g., forklifts or lifting carts, is not permitted.
- Do not push or pull the device by the structure, **ALWAYS** use the grab handle (Page 2 – Part N°. 4)
- Use the 2 parking brakes (Fig. 7A) of the front castors Pag.2 – Part N°. 12 to prevent the appliance from rolling away accidentally. Park the appliance **ONLY** on flat surfaces (Fig. 7B)



Fig.7A

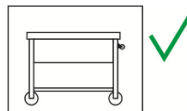
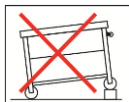


Fig.7B

- Only transport unit on a straight surface. Do not transport on a sloping surface especially if the appliance is in the operating mode.

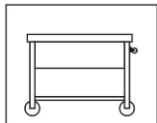


Fig.8

- Carry out transport with an adequate number of people (Pag.3 – Tab. 1)
- Transport only permissible using the castors.
- Wear safety shoes to prevent injuries.
- Never move the Mobile Bain-Marie with hot water in the tank. If you need to move it slightly, always wear heat-resistant gloves.
- Always wear protective equipment (including shoes) to protect your body from severe burns in the event of a hot water spill.

- Do not move this appliance on poor floors. Irregular and non-smooth surfaces can damage the castors.
- Move the product only on flat, smooth surfaces. Do not push or pull the device against sharp edges.
- Observe the permitted step height, maximum 2/3cm, to avoid damaging the wheels or even the product.



Fig.9



REMARK!

If the floor under which the Mobile Bain-Marie is moved is very soft, there is a possibility that it will be marked/scratched by the castors.

3.2. Burns Hazard



HOT SURFACE!

During product operation, there is a risk of burns to hands and arms due to contact with hot parts of the product, such as the surface of the water tank and containers.

- Wear personal protective equipment, such as heat-resistant gloves, which will prevent burns to your arms and hands when working near hot parts.
- Use the grab handle for pushing the appliance.



WARNING!

During the operation mode, the water temperature goes up till 90°C, and there is a risk of scalding the hands, arms and face. Follow these instructions to avoid that risk:

- During the operation mode of the appliance, always wear personal protective equipment such as heat-resistant gloves, for handling or carrying it.
- RISK OF SPLASHING! Slowly immerse the food containers into the water.
- The Mobile Bain-Marie are not designed to be moved during operation, therefore, use **CAUTION** if you must do so. If an accident occurs, hot water may leak from the tank, which may cause serious burns.
- Never put yourself in a position where your face is exposed to burns caused by hot water vapours from the tank. Use the correct posture (Fig. 10) when placing and removing containers from the tank.

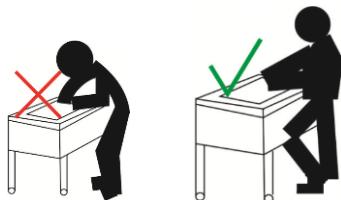


Fig.10

- Before draining the water from the tank, wait for cooling down

3.3. Fire or explosion risk



WARNING!

- Never operate the device near combustible, easily flammable materials (e.g.: petrol, spirit, alcohol etc.). They evaporate through heating and in case of contact with ignition sources deflagrations can occur which can lead to serious personal injuries and property damages.
- In case of fire, disconnect the device from the power supply before initiating appropriate fire-fighting measures.



CAUTION!

- Never extinguish the fire with water when the power plug is connected to the socket. Electric shock hazard!

3.4. Purpose of use



CAUTION!

This appliance has been developed for keeping the food, placed in GN containers, warm. Any other use may lead to damage of the appliance or personal injury.

For service catering, these appliances are intended to be used by qualified/trained persons and in places such as:

- ✓ Kitchens of hotels and restaurants, canteens, schools and hospitals
- ✓ Self-Service establishments – to prevent injuries such as burns on hot surfaces the use of this appliance in these places should only be allowed under supervision.
- ✓ Not intended for private use at home.

Operating the appliance for any other purpose shall be deemed a misuse of the device. The user shall be solely liable for improper use of the device.

4. INSTALLATION AND USE

4.1. Installation



CAUTION!

The installation, connection and maintenance services of the device must be performed by a qualified and certified technician.

- Unpack the device and make sure that the protection plastic film surrounding the structure is totally removed. Remove it slowly ensuring that no glue residues will stay in the appliance. Discard the entire packaging material according to the regulations valid in the country where the appliance is being installed.
- Choose a dry location where the electrical components cannot come into direct contact with water.
- Choose a clean work surface on which to place this appliance. Place the equipment on a stable, flat and rigid surface.

- Place the device so that it is easily accessible, leaving enough space to freely service the device and ensure appropriate air circulation.
- Assemble the grab handle.
 - ✓ Fit the plastic sides to the ends of the handle tube (Pag. 5 - Fig. 2A);
 - ✓ Screw the set into the holes on the front panel, using the 2 screws provided (Pag. 5 - Fig. 2B);
 - ✓ Cover the side inlets of the handle with the 2 covers as shown in the Pag.5 - Fig.2C;



REMARK!

To remove the handle side cover, use a screwdriver and push the cover in the direction of arrow 1 to release it, and then slide it in the direction of arrow 2 as shown in the Fig. 3 of Pag. 5.

- Keep the device away from flammable or heat-deformable materials. If this is not possible, ensure insulation with a non-flammable, heat-resistant insulation material. Keep a distance of at least 10 cm at the sides and at the rear from walls and other objects. Take into account the applicable fire protection regulations.
- For safety reasons, **ALWAYS lock** the appliance by breaking both frontal castors (Pag. 2 – Part N°.12 and Pag. 12 - Fig.7A)



REMARK

Due to manufacturing residues, the appliance may emit a light odour during the first few uses. This is normal and does not indicate any defect or hazard. Make sure the appliance is well ventilated.



DANGER! Hazardous Electrical Voltage!

The electrical voltage may be considerably dangerous to limb and life of persons to lead to injuries.

Electrical installation:

- Check the specifications indicated on the equipment's rating plate and ensure connection to an electrical installation correctly sized for the appliance and with an earth connection. If the installation does not comply with the required specifications, do not put the device into operation.
- Make sure that access to the plug is easy to quickly disconnect the device if necessary.
- Do not use extension cords and do not place the power cord on wet surfaces.

4.2. Operating Instructions

The Mobile Bain-Marie should be thoroughly cleaned with a soft cloth before putting it into operation for the first time.

- Before connecting the appliance to the power supply, it must be clean and dry in accordance with the instruction of the section **5. "CLEANING"**.
- Make sure that the water drain valve is closed. See "Ball Valve Operation".
- Before plug in the product make sure that the rotary switch and the temperature regulating knob are in the position "OFF"/"0".
- Fill the tank with water (see Tab. 1 – Pag. 3, for reference on the liters of water to be filled).



CAUTION!

NEVER switch on de appliance without water in the tank, it can destroy the heating element and cause an irreversible deformation of the tank.

Water level **SHOULD** always be between "MIN" and "MAX" marks (See Tab. 1 – Pag. 3).

CHECK the water level regularly, and refill when the water is below the "MIN" mark.



REMARK

Filling with warm or hot water reduces the heating time of the appliance and save energy. If tap water is particularly rich of minerals use softened water to reduce limescale and prolong the device time life.



REMARK!

To avoid a quick water evaporation, the appliance should be always equipped with the GN containers. If for some reason there is no need of having all the GN containers in place, cover it with a GN lid (not delivered with the appliance)

GN containers must not come into contact with water as this reduces heat transfer. Steam is the most effective means of transferring heat and therefore the water level should always be between the "MIN" and "MAX" marks.

4.3. Instructions for use

Turn ON the appliance

- Plug in the appliance to a grounded socket.
- The following functions must be checked before putting it into operation:
 - ✓ the functioning of the total brakes;
 - ✓ the functioning of the operating elements and heating.
- To switch on the appliance, turn the rotary switch (Pag. 2 – Part N°. 8) clockwise to the position "I". The green pilot (Pag. 2 – Part N°. 5) will light up.
- Adjust the temperature by turning the thermostat knob (Pag. 2 – Part N°. 6) to the desired temperature. The orange pilot light (Pag. 2 – Part N°. 7) will light up and remain lit until the set temperature is reached. When the water temperature in the tank is lower than the temperature set by the thermostat knob, the orange pilot light comes on again, indicating that the heating element is in operation again.



REMARK!

Pre-heat the water in the tank (Pag. 2 – Part N°. 2) to the maximum temperature. During the pre-heating the tank should be covered with empty containers or lids (not delivered with the product)

- Fill the containers with food and put them carefully and slowly in the tank.
- Set the temperature by turning the thermostat knob. In the 1st heating cycle, we suggest that you set the temperature to 90°C so the water heats up faster. In subsequent cycles, you can lower it to the desired temperature.

Draining water



WARNING! Risk of Scalding

The water in the tank becomes very hot during operation. To avoid burns, let the appliance cool down before draining the water through the ball valve (Pag. 2 – Part No. 15).

- Place appropriate containers on the shelf under the drain tap.
- After the working day and before cleaning open the drain tap and drain the water from the tank to the containers. Make sure the container is large enough to catch all the water, or be careful and empty the container before the water overflows. Ensure that you close the valve, if you have to empty the water collection container.
- After cleaning the tank, close the valve.

Ball Valve Operation

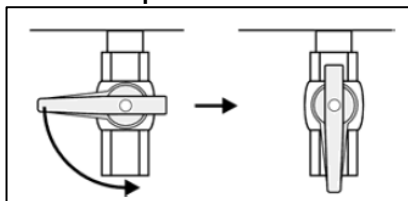


Fig.11

Closed position

Open position

4.4. Overheating & Reset

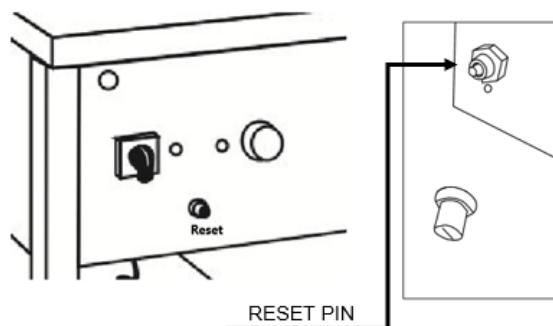
The Mobile Bain Marie is equipped with a safety thermostat that acts in the event of an anomaly that causes excessive temperature in the water. This safety device has a manual reset.

Overheating Protection

- If accidentally the product is switched on with the container empty, the overheating protection is automatically turned on. The appliance is no longer ready to be used.
- Turn off the power by removing the plug from the socket.
- Wait until the product cools down completely to restart the appliance.

Reset Instructions

- RESET button (Pag. 2 – Part N°. 9) is located on control panel in the front of the chassis/structure.
- Follow instructions of the Fig. 12 to reset the appliance.



- Unscrew the protective cap of the RESET PIN.
- Press the pin to disarm the safety device.
- Screw back the protective cap on the RESET PIN.

Fig.12

4.5. After use

When the appliance is no longer in operation, **ALWAYS** disconnect the product from the power source, removing the power cord plug from the wall socket.

- Turns the temperature knob to the position “0”. The orange pilot goes out
- Turn the rotary switch counter-clockwise to the position “0”. The green pilot goes out.
- Disconnect the power cable.
- Allow the appliance and water to cool down and drain the water (follow draining water instructions).
- Hang on the cable plug on the plug holder.
- Clean appliance in accordance with the cleaning instructions



REMARK!

During a prolonged non-use, it is strongly recommended to empty the tank to avoid water contaminations and limescale deposit.

5. CLEANING & DESCALING



WARNING!

Ensure that the Safety Instructions described in 2.4 are followed.

- Make sure that the appliance and its contents are cooled down before cleaning.
- Remove any food residue that may have fallen into the water and then open the drain valve to empty the tank.
- Wash the tank with non-abrasive detergent and rinse with clean water. Let the water run through the drain valve until there is no detergent residue left.
- Clean exterior of the chassis/structure, the area around the controls and the power cord with a cloth or sponge slightly dampened with a mild soap solution and then dry.

- Make sure that no water gets into the electrical parts of the appliance.
- Regularly change the water for health/hygienic reasons and to avoid any scale deposit.



CAUTION!

Frequently descale the water container

- The limescale will always build up in appliances that use hot or warm water. Hard water areas are worst affected but the calcium carbonate present in all water mains will be deposited on the bottom of the container over time as the water evaporates and leaves the residues behind.
- Use a decalcifying product whenever there is scaling in the bottom and sides of the water container, to avoid the corrosion of the components in contact with the water.



REMARK!

In the case of limescale stains, simply mix baking soda and water until it forms a paste and spread it over the areas with limescale stains. Leave it to act for a few minutes (5-10min) and rinse with water until there are no traces of the cleaning paste. Baking soda is a great product for removing stains from water, food and grease deposits.

Attention:

Product failures due to the lack of cleaning and descaling of the device are not covered by the warranty. If the instructions set forth in this manual are not followed, the warranty claims will be rejected

If the appliance is not kept in a good state of cleanliness, this can adversely affect the life of the appliance and result in a dangerous situation.

- Food residues should be regularly cleaned and removed from the appliance. If the appliance is not cleaned properly, it will reduce its lifespan and may result in a dangerous condition during use.
- The limescale build-up affects the appliance performance and it can eventually lead to a failing prematurely.

6. MAINTENANCE AND ANOMALIES

Carry out a periodic check of the equipment to ensure greater durability of the components. This must be done by a qualified technician.

Any repair carried out by people other than authorized technicians will result in the cancellation of the warranty.

- In the event of an electrical or other fault, do not attempt to repair it, take the device to an authorized Technical Assistance Service.
- If the power cord is damaged, it must be replaced by the manufacturer, authorized agents or personnel qualified for this task, in order to avoid dangerous situations.
- Cable characteristics:
H05VV-F 3G 1.5mm² Spiral 3m BR with a Schuko plug rated 16Amp.

Possible faults and solutions:

Failure	Possible Causes	Action to take
The appliance won't turn on.	Power cord is not plugged into a live electrical outlet; The electrical panel circuit breaker tripped; The rotary switch is not in the in the operating position, The safety thermostat has tripped; The rotary switch is damaged. The safety thermostat is damaged;	Plug in the power cord; Check the circuit breaker on the electrical supply board. Check if rotary switch is in the position "I" and if the green pilot lights up. Reset the appliance. If none of the above actions solve the failure, contact your dealer or a technician. Contact a technician to replace the parts.
The appliance does not heat up and orange pilot doesn't light up.	Appliance is not ON	Check if the appliance is turned ON; If the above action doesn't solve the failure contact your dealer or a technician.
The requested temperature is not reached.	The temperature regulating thermostat is damaged;	Contact a technician to replace the parts.
The appliance does not heat but the orange pilot lights up.	Resistance is damaged; Electric circuit is damage;	Contact a technician to replace the parts and repair de appliance.
The appliance overheats	The water container is empty or the water level got to low. The orange pilot doesn't light up.	Check water level and if it is below the MIN mark, fill in with water and if, no other abnormal situation is detected, reset the safety thermostat. Check if the regulating thermostat is working and if not contact the supplier or a technician.

7. **WARRANTY & LIABILITY**

The warranty is valid for 1 year from the date of purchase and covers defects of origin, whether material or manufacturing.

The warranty is limited to the replacement of faulty parts or products and excludes any consequential loss or expense incurred by the buyer.

Manufacturer is not liable for any damages or faults caused by:

- defects which arise from faulty installation, inadequate maintenance, incorrect use or fair wear and tear are not covered by the guarantee;
- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts

8. **RECYCLING**



■ Treatment of packaging material: Before using the device for the first time, remove the protective plastic from the stainless-steel structure. Recycle packaging and all protective materials.

Equipment recycling: Electrical and electronic equipment contains materials that, when incorrectly handled, can be harmful to human health and the environment. Do not dispose of any equipment component in household waste. In accordance with current legislation, place them in duly authorized collection/recycling centres.

The producer declines every responsibility on any print and/or transcription mistake contained in this instruction manual.

Any time and without notice, the manufacturer can change features and data of this document with the proposal of keeping on increase the quality of its products and, therefore, this manual cannot be considered as a contract with respect to third parties.