

700FX-E1110 - 700FX-E1210



284347 - 284387

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Read this instruction manual before using and keep it available at all times!

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

1 Safety

This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



DANGER!

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



WARNING!

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



CAUTION!

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

IMPORTANT!

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

NOTE!

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

1.2 Safety instructions

Electrical Current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.

- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.

Flammable Materials

- Never subject the appliance to contact with high temperature sources, e.g.: oven, furnace, open flame, heat generating devices, etc.
- To avoid fire hazard, clean the appliance regularly.
- Do not cover the appliance with, e.g., aluminium foil or cloths.
- Use the appliance only with materials designated to this end and with correct temperature settings. Materials, groceries and left-overs remaining in the appliance may catch fire.
- Never use the appliance near flammable or inflammable materials, e.g.: petrol, spirit, alcohol, etc. High temperature triggers evaporation of these materials, and, as a result of contact with sources of ignition, an explosion may occur.
- In case of fire, disconnect the appliance from the power supply before attempting suitable fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.

Hot Surfaces

- Surfaces of the appliance become hot during operation. Burning hazard! High temperature remains for some time after switching the appliance off.
- Do not touch any hot surfaces of the appliance. Use the provided handling elements and holders.
- You may transport and clean the appliance after it cools down entirely.
- It is prohibited to sprinkle hot surfaces with cold water or flammable liquids.

Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.

Operating Personnel

- The appliance may only be operated by qualified personnel and trained specialist personnel.
- This appliance may not be operated by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching on the appliance.

1.3 Residual Risks

Residual risks	Hazardous situation	Warning
Slipping and falling hazard	The user may slip on the floor due to the presence of water or dirt.	Wear non-slip protective footwear when using the appliance.
Burns and scalding	The operator intentionally touches the appliance. Operator intentionally comes in contact with hot substances (oil, water, steam, etc.).	
Electrical injury (Electric shock)	Touching electrically conductive parts of the equipment during maintenance without first disconnecting the electrical supply. The operator carries out operations (using a power tool or without interrupting the electrical supply to the machine) while lying on a wet floor.	Maintenance of the machine must only be carried out by qualified personnel, equipped with personal protective equipment providing protection against electric shock.
	Electric shock caused by a faulty earthing system or faulty electrical protective equipment.	Protective devices in accordance with relevant standards must be installed upstream of the appliance.
Falling hazard	The operator performs activities on the upper part of the appliance using inappropriate aids (such as a ladder with rungs, or climbing onto the appliance).	Do not carry out any work on the upper part of the appliance using unsuitable aids (such as ladders with rungs or climbing on the machine).
Tipping over hazard	Carrying the appliance or appliance parts without suitable aids.	When moving the appliance or its packaging, it is necessary to use suitable aids or lifting equipment.

Residual risks	Hazardous situation	Warning
Chemical materials	The operator is handling chemicals (e.g.: cleaning agents, descaling agents, etc.).	Take appropriate precautions. Always follow the instructions on the safety data sheets and labels of the products used. Use personal protective equipment recommended in safety data sheets.
Injury hazard	There is an injury hazard during maintenance work if internal parts of the appliance frame are touched.	Maintenance work may only be carried out by qualified personnel equipped with suitable protective equipment (cut-resistant gloves, forearm protectors).
Crushing hazard	Personnel are at risk of crushing fingers or hands when handling moving parts.	Maintenance work may only be carried out by qualified personnel equipped with protective equipment (safety gloves).
Ergonomics	The operator works on the appliance without wearing the required personal protective equipment.	The operator must wear personal protective equipment when working on the appliance.

1.4 Personal Protective Equipment

	Safety clothing	Safety footwear	Gloves	Eye protection	Hearing protection	Respiratory tract protection	Head protection
Phase							
Transport		X					
Moving		X					
Unpacking		X					
Assembly		X					
Standard usage	X	X	X (*)				
Settings		X					
Standard cleaning		X					
Special cleaning		X	X				
Maintenance		X	X (*)				
Dismantling		X					
Disposal		X					

X	Personal protective equipment provided
	Personal protective equipment is available or must be used if required
	Personal protective equipment not provided

* Gloves intended for standard usage and maintenance works must be resistant to high temperatures to protect operator's hands when the operator touches hot elements of the appliance or hot substances (oil, water, steam, etc.).

1.5 Intended Use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- Keeping the prepared food warm in suitable GN containers.

1.6 Unintended Use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- food preparation
- warm and hot water preparation,
- heating of liquids containing sugar, acids, lyes, or alcohols,
- pouring and heating up flammable, harmful, and quickly evaporating liquids or materials, etc.

2 General information

2.1 Liability and Warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

2.2 Copyright Protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

2.3 Declaration of Conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

3 Transport, Packaging and Storage

3.1 Delivery Check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint.

Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

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3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

4 Technical Data

Version / Characteristics

- Operating mode: electric
- Equipment connection: 1 NAC
- Material: Scotch-Brite polish
- Control: Power output controller
- May be used as a tabletop appliance or in connection with the base as a free-standing appliance
- May be connected and installed in a row with other 700FX series appliances
- The set does not include:
 - GN containers
 - partitions

4.1 Technical Specifications

Name:	Bain-marie 700FX-E1110
Art. No.:	284347
Material:	CNS 18/10
Number of basins:	1
Basin dimensions (W x D x H), in mm:	315 x 515 x 168
Basin size (GN format):	1 x 1/1 GN
Temperature range, max., in °C:	30 - 90
Connected load:	1 kW 220-240 V 50/60 Hz
Degree of protection:	IPX4
Dimensions (W x D x H), in mm:	400 x 700 x 295
Weight, in kg:	32,0

We reserve the right to implement technical modifications.

Technical Data

Name:	Bain-marie 700FX-E1210
Art. No.:	284387
Material:	CNS 18/10
Number of basins:	1
Basin dimensions (W x D x H), in mm:	630 x 515 x 168
Basin size (GN format):	1 x 2/1 GN
Temperature range, max., in °C:	30 - 90
Connected load:	2 kW 220-240 V 50/60 Hz
Degree of protection:	IPX4
Dimensions (W x D x H), in mm:	630 x 700 x 295
Weight, in kg:	41,0

We reserve the right to implement technical modifications.

4.2 List of Components of the Appliance

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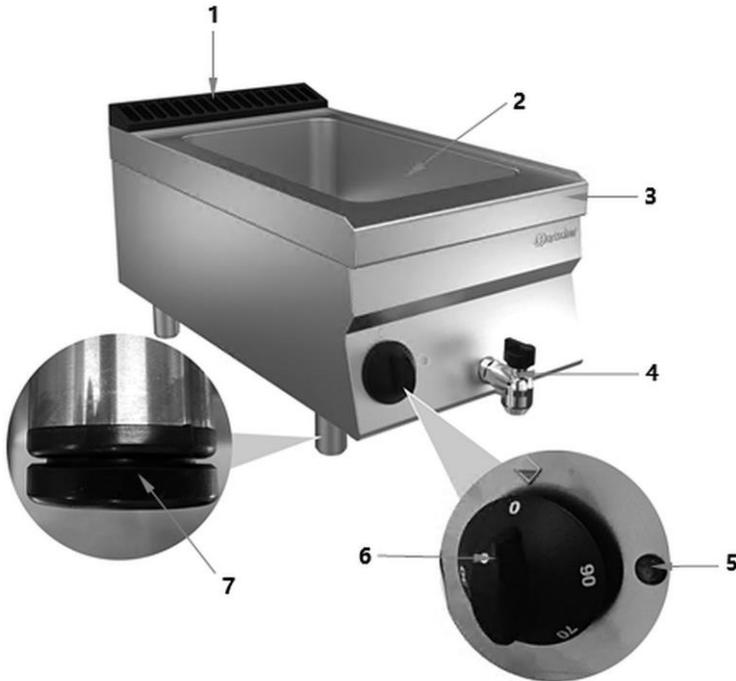
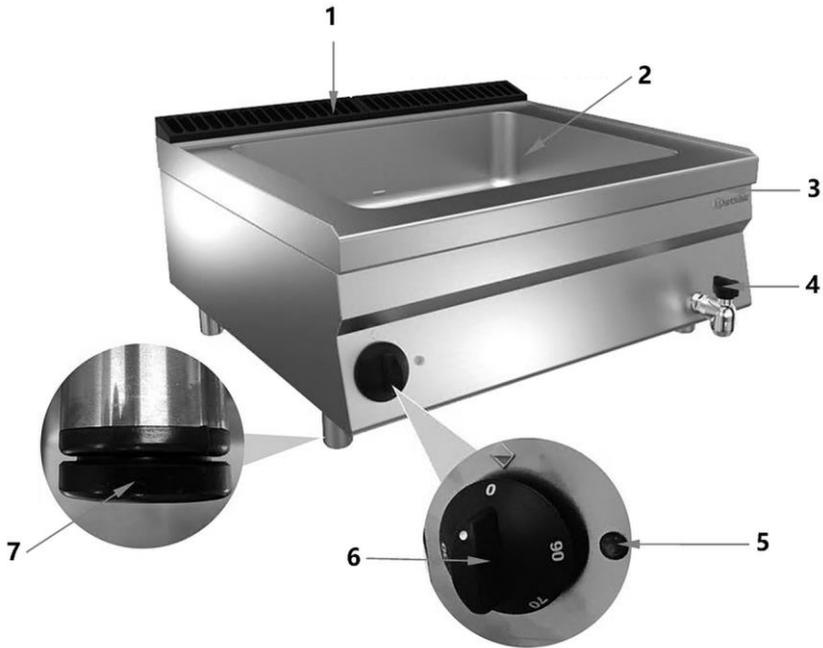


Fig. 1

- | | |
|-----------------------------------|----------------------------|
| 1. Ventilation chimney | 2. Basin |
| 3. Housing | 4. Water drain tap |
| 5. Heating control light (orange) | 6. Power output controller |
| 7. Height-adjustable feet (4 pcs) | |

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Fig. 2

- 1. Ventilation chimney
- 2. Basin
- 3. Housing
- 4. Water drain tap
- 5. Heating control light (orange)
- 6. Power output controller
- 7. Height-adjustable feet (4 pcs)

4.3 Functions of the Appliance

Bain-marie keeps the prepared food warm in suitable GN containers. Thanks to individually controlled temperature of the bain-marie there is no risk of burning or drying foods.

5 Installation Instructions

5.1 Installation



CAUTION!

Incorrect installation, positioning, operation, maintenance or misuse of the appliance may lead to personal injury or property damage.

Positioning and installation, as well as repairs may be performed by authorised technical service only and in compliance with the applicable national law.

NOTE!

The manufacturer disclaims all liability and provides no warranty for damages, which may be attributed to non-observance of regulations or incorrect installation.

Installation Instructions

Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



CAUTION!

Choking hazard!

Prevent children from accessing package materials, for instance: plastic bags and EPS.

- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels fixed on the appliance.
- **Never** place the appliance in humid or wet environment.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on surfaces that are:
 - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
 - sufficiently large, and thus enabling usage of the appliance with no problems;
 - easily accessible;
 - well ventilated.
- Screw 4 feet in.
 - To level the appliance, you may adjust the height of feet.

IMPORTANT!

Never use the appliance without feet.

- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- Leave at least 10 cm clearance from flammable walls and items.

Connection — Electrical Power

- A circuit breaker of sufficient capacity to disconnect all poles from the power supply must be installed upstream of the appliance, in an easily accessible place; its contact opening width must ensure complete separation according to overvoltage category III, in accordance with the installation regulations. The maximum permissible leakage current of the appliance is 1 mA/kW.
- Flexible, oil-resistant rubber hoses type H05RN-F or H07RN-F must be used for connection. Cord cross-section is stated in the technical data table.
- Connect the power cord to the terminal block according to the wiring diagram supplied with the unit.
- Secure the part of the power cord outside the appliance with a metal tube or rigid plastic hose.
- In the event of damage to the power cord, have it repaired by the manufacturer, service company or a professional to exclude any risk.
- Connect the electrical appliance to a working earthing.
- Connect the protective conductor to the terminal marked with the earth symbol next to the input terminal block.
- Connect the metal structure of the electrical appliance to a protective equipotential bonding device.
- Connect the conductor to the terminal marked with the equipotential bonding symbol on the outside of the bottom of the appliance.
- This symbol indicates that the appliance must be integrated into the equipotential bonding system and connected in accordance with applicable regulations.
- Do not use the appliance with an external timer or remote control.

6 Operating Instruction

Warning Indications



WARNING

Risk of scalding arms, hands, and fingers by hot steam.

Never reach inside the basin during or immediately after operation. Before emptying the basin, make sure the water is chill; to this end, hold your palm 2–5 cm above the basin.

Appliance Preparation

1. Before use, thoroughly clean the appliance and equipment according to instructions in section **6 'Cleaning'**.
2. Dry all washed elements and surfaces thoroughly.
3. Make sure that the appliance is switched off.
4. Fill the basin with fresh drinking water up to the required level. Take into account the 'MIN' and 'MAX' markings in the basin.

ATTENTION!

Never use the appliance without water in the basin. Make sure the water level in the basin is between MIN and MAX markings.

Check water regularly and, if needed, add or replenish.

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Starting the Appliance

1. Connect the appliance into a mains socket.
2. Set the cooking temperature; observe indications in section **'Settings'**.

Control Panel



Fig. 3

Settings

The appliance (temperature) is controlled steplessly (30°C to 90°C), using the power output controller.

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The orange heating-up indicator light is lit when the appliance heats up and goes off when the set temperature of water in the basin is reached. When the temperature drops, the heating is on again and the heating-up indicator light is on again.

Keeping Food Warm

1. Heat water up, setting the power output controller to the required position.
2. Put the required foods in the GN container.
3. Put the suitable GN container in the basin.
4. During operation, never leave the appliance unattended.

Switching the Appliance OFF

1. When the warm-keeping process is finished, and if the appliance is not used any more, rotate the power output controller to '0' position.
2. Disconnect the appliance from the mains socket (pull the plug out).
3. Before cleaning, leave the appliance and water in it to cool down.

7 Cleaning

7.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

7.2 Cleaning

1. Clean the appliance after each use.
2. Remove the GN container from the appliance.
3. Drain the chilled water by opening the water drain tap.
4. Clean the basin thoroughly with warm water, a soft cloth or a sponge and a mild cleaning agent.
5. Rinse the basin thoroughly with fresh water to completely remove washing agent residues.
6. After washing, drain the water to a suitable container via the water drain tap.
7. Wipe with a clean cloth.
8. Use a damp cloth to clean the surface of the appliance (from inside and outside).
9. To end with, dry all washed elements and surfaces thoroughly.

8 Possible Malfunctions

The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. When malfunction cannot be removed, contact the technical service.

In such a case, provide article number, model name and serial number. These data may be found in the rating plate.

Error	Possible Cause	Solution
Appliance is connected to the power supply, switched on, but it does not heat up	Abnormal or interrupted power supply	Check the power supply and the power cord for damage
	Electric power supply safety fuse damaged	Check the fuse (replace if necessary), and check the appliance after connecting it to another socket
	No power supply	Check the electric power supply.
	Temperature is not set	Set the temperature; or the power output controller is damaged
	Damaged heating element	Contact the service company

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9 Disposal

Electrical Appliance



Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.

Electrical appliances should be returned to designated collection points.