

KST2200 Plus



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Original instruction manual

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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

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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.

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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.

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.

Safety

- Children should be supervised to ensure that they are not playing with or switching on the appliance.

Supervised Usage only

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

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.

1.3 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:

- concurrent usage of 2 suitable cookware pieces in front of the guests.

1.4 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.

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.

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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.

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

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

4.1 Technical Specifications

Name:	Front cooking station KST2200 Plus
Art. No.:	107300
Material:	CNS 18/10
Dimensions of glass top (W x D x H), in mm:	1.075 x 740 x 345
Number of utility niches:	1
Utility niche surface dimensions (W x D x H), in mm:	805 x 600
Sockets:	4, 2 x 230 V, 2 x 400 V 16A CEE
Dimensions of shelf below utility niche (W x D x H), in mm:	805 x 600 x 150
Number of labyrinth filters:	2
Filter material:	Stainless steel
Flame protection filter, type:	A
Fan regulation levels:	4
Number of zeolite filters:	2
Swivel castors:	4, which can be locked into place
Connected load:	20 kW 400 V 50/60 Hz
Dimensions (W x D x H), in mm:	1.125 x 840 x 1.265
Weight, in kg:	110,0

We reserve the right to implement technical modifications.

Version / Characteristics

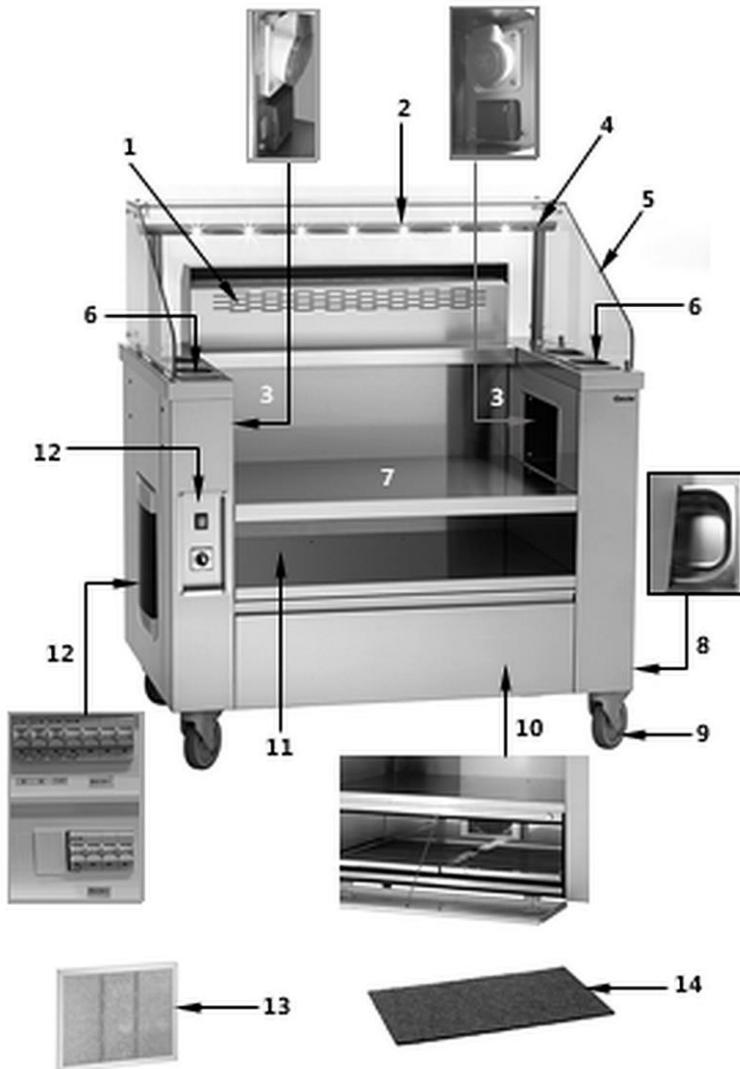
- Equipment connection: 3 NAC
- Version of glass top on operator side: open
- Equipped with:
 - shelf below utility niche, W 805 x D 600 x H 150 mm
 - 4 GN containers 1/9 GN, 100 mm deep, for oils, sauces, cutlery
 - integrated ventilation system with labyrinth filter
- Properties of utility niches:
 - Display area: W 805 x D 600 mm
 - appliance designed for 2 table-top units
 - 4 sockets: 2 x 230 V, 2 x 400 V 16 A CEE
- Lighting: LED, on the sneeze guard
- ON/OFF switch
- Indicator light: ON/OFF
- The set does not include:
 - electrical appliances
 - platforms
 - side shelf
 - tray slide shelf

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4.2 Functions of the Appliance

The mobile cooking station KST2200 Plus was designed for professional use. Owing to the possibility of using even 2 suitable appliances, the appliance is very versatile in use in catering, for events, as well as for cooking in front of the guests.

4.3 List of Components of the Appliance



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Fig. 1

Description for Fig. 1

- | | |
|--|------------------------------------|
| 1. Ventilation with labyrinth filter (2 pcs) | 2. LED lighting strip |
| 3. Mains sockets, left + right side | 4. Sneeze guard |
| 5. Glass top | 6. GN containers shelves (4 pcs) |
| 7. Utility niche on the appliance | 8. Grease collection container |
| 9. Swivel castors (4 pcs) | 10. Filter screen |
| 11. Shelf | 12. Operating elements |
| 13. Zeolite filter (2 pcs) | 14. Activated carbon filtering mat |

Operating Elements / Assigned Fuses — Mains Sockets

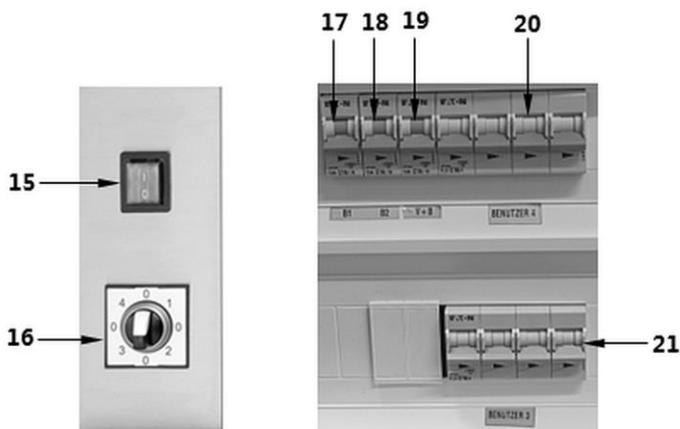


Fig. 2

- 15. Lighting switch
- 16. Fan motor switch
- 17. User 1 / mains socket with safety contact on the left front side, 230 V 16 A
- 18. User 2 / mains socket with safety contact on the rear side, 230 V 16 A
- 19. Fan + lighting fuse
- 20. User 4 / CEE socket on the right side: 5-pole, 400 V 16 A
- 21. User 3 / CEE socket on the left side: 5-pole, 400 V 16 A

Auxiliary Equipment (not included in the scope of delivery)



Fig. 3

Platform 100 KST Plus

Nickel-chrome steel 18/10

Dimensions: W 400 x D 595 x H 100 mm

Weight: 3.08 kg

Art. No. 107276



Fig. 4

Platform 200 KST Plus

Nickel-chrome steel 18/10

Dimensions: 400 x D 595 x H 200 mm

Weight: 7.37 kg

Art. No. 107277



Fig. 5

Side shelf KST Plus

Material: nickel-chromium steel 18/10

Assembly side: left/right

Fixing material included

Dimensions: W 700 x D 350 x H 80 mm

Weight: 4.35 kg

Art. No. 107279

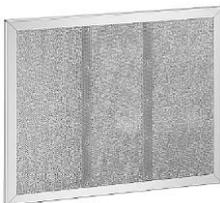


Fig. 6

Zeolite filter KST Plus

Material: zeolite

Dimensions: 462 x D 380 x H 16 mm

Weight: 3.642 kg

Art. No. 107274



Fig. 7

Tray slide shelf KST2200 Plus

Material: nickel-chromium steel 18/10

The set includes: Fixing material

Dimensions: 1,110 x D 340 x H 125 mm

Weight: 4.092 kg

Art. No. 107289



Fig. 8

Activated carbon filtering mat KST2200 Plus

Material: activated carbon

Dimensions: 755 x D 440 x H 11 mm

Weight: 0.143 kg

Art. No. 107291

Combinations of Appliances for Cooking Station

The following Bartscher appliance may be used with the cooking station:

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Appliances That May Be Used Without Platform:

- Electric cooker, 2 plates, without chimney – 650 Snack series, Art. No. 115006 (available on demand)
- Grill plate, smooth, 400 mm wide, without chimney – 650 Snack series, Art. No. 115118 (available on demand)
- Bain-marie, 1 x 1/1 GN, without chimney – 650 Snack series, Art. No. 115121 (available on demand)
- Fryer, 10 litres, without chimney – 650 Snack series, Art. No. 115214 (available on demand)
- Utility element, 400 mm wide, without chimney – 650 Snack series, Art. No. 115117 (available on demand)
- Electric cooker, 2 plates – 600 Imbiss series, Art. No. 131723
- Electric cooker, 2 hobs – 600 Imbiss series, Art. No. 131800
- Grill plate, smooth, 400 mm wide – 600 Imbiss series, Art. No. 132115
- Bain-marie, 3 x 1/4 GN – 600 Imbiss series, Art. No. 131760
- Grill plate GDP 320E, smooth, Art. No. A370031
- Grill plate GDP 320E, ribbed, Art. No. A370035
- Multi Pan 300, Art. No. 370205

Appliances That Require Usage with Platform 100 KST Plus:

- Induction wok IW 35 PRO-2, Art. No. 105732
- Induction wok, Art. No. 105840
- Induction wok, Art. No. 105871
- Induction wok, Art. No. 105872

Appliances That Require Usage with Platform 200 KST Plus:

- Electric cooker, Art. No. 104904
- Electric cooker, Art. No. 104906
- Induction cooker IK 30T-1, Art. No. 105991
- Induction cooker IK 30TCS-1, Art. No. 105991S
- Induction cooker IK 35TC, Art. No. 105843
- Induction cooker IK 35TCS, Art. No. 105843S
- Induction cooker IK 35SK, Art. No. 105837
- Induction cooker, Art. No. A105942
- Induction cooker, Art. No. 105984
- Induction cooker, Art. No. 105993
- Induction cooker, Art. No. 105994
- Induction wok IW 35, Art. No. 105986

5 Installation and operation

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.

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.
- Never cover the ventilation openings in the appliance.
- During operation, provide for sufficient ventilation in a room, where the appliance is installed.
- Never place the appliance directly next to walls, furniture, or other objects made of flammable materials.
- Maintain at least 10 cm clearance between the sides and back of the appliance, and walls and other objects. Observe fire-fighting regulations in force in the installation area.
- When it is not possible to maintain the recommended clearance, use appropriate protection measures (e.g. heat-resistant film) that will ensure keeping the wall temperature within the safe range (up to 60°C).

Glass Top Assembly

1. Install the glass top on the housing of the cooking station, observing the following instructions:



Fig. 9



Fig. 10

2. Glass elements on the left and right side, and at the back, stick in glass fittings on the housing of the cooking station.
3. Connect glass elements together, using the enclosed angles, cylindrical head bolts, rubber rings and locking bolts.
4. Then, place the top glass element onto glass elements on the left and right side, and at the back, and screw them to angles at the left and right side, and at the back.
5. To end with, check if all glass elements are correctly secured.

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Assembly of Remaining Accessories (Optionally)

Side shelf

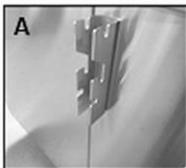


Fig. 11

The side shelf may be fitted on the right and/or left side.

1. Fix 2 brackets (A) (included in delivery of the side shelf), using delivered spacers and bolts, on the right and/or left side of the cooking station (availably by factory default).
2. Place the side shelf onto the brackets (B).

If the side shelf is not used, it may simply be closed (C).

Tray slide shelf



Fig. 12

1. Fix 2 brackets (A) (included in delivery of the tray slide shelf), using delivered spacers and bolts, on the rear side of the cooking station (availably by factory default).
2. Hang the tray slide shelf on both brackets (B) and fix it with the lever (C).

Preparation of the Appliance

1. Clean the appliance observing indications in Section 6 'Cleaning'.
2. Using suitable transport means, set the cooking station in a selected location.

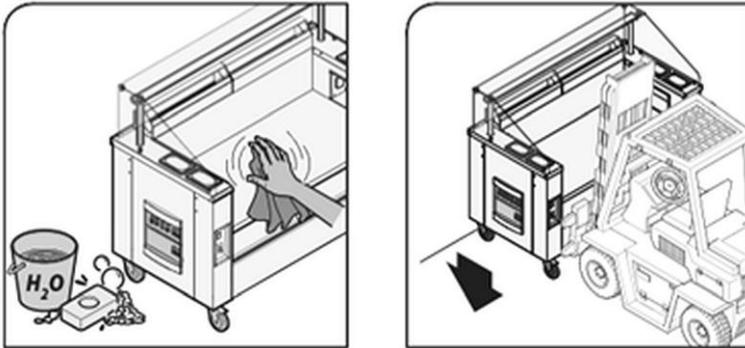


Fig. 13

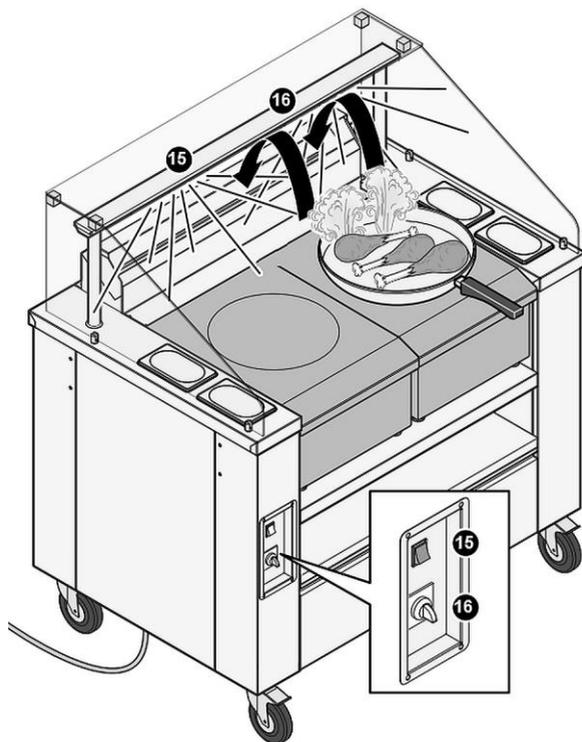
Electric connection

- Connect the appliance to an electric mains installation according to the valid international, national, and local regulations.
- Verify if the technical specification of the appliance (see the rating plate) corresponds to the characteristics of the local electric mains grid.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.
- Cross-section of the power cord and the means of protection of the cooking station in the installation location are defined by qualified electricians. The above is conditioned by the power of the used appliances and the length of the power cord.
- The cooking station should always be secured against >32 A with the use of 30 mA RCD. The maximum connected power of the cooking station is 52 A.
- One exception is the situation when you use mains sockets with safety contact. In such a case, a protection of 32 A with the use of 30 mA RCD is enough. An electrician must, however, disconnect CEE sockets in the fuse box.
- If, in spite of this, CEE socket is used in such a situation, overload trips the initial protection.
- If CEE sockets are used, the mains sockets with safety contact that are found below cannot be used. Again, in such a case, a reduction of connected load to the cooking station is necessary.
- The safety measure fitted in the cooking station excludes overloading of individual sockets in the appliance.

5.2 Operation

Equipment of the Cooking Station with Appliances and Accessories

You may use the KST2200 Plus cooking station as a mobile kitchen or for the purpose of presentation; it may also be equipped concurrently with up to 2 table-top appliances.



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Fig. 14

1. Set the required table-top appliances in the utility niche.

The possible combinations of appliances are provided in section '**Combinations of Appliances for Cooking Station**'.

2. Insert the grease collection tray in the appliance that is under the right hand-side wall of the cooking station.



Fig. 15

3. In supports in the left and right frame set 2 containers GN 1/9, 100 mm deep.
The GN containers are provide for olives, sauces and cutlery.



Fig. 16

Connecting Appliances / Introducing Settings

1. Connect the installed appliance to suitable sockets.
Connection sockets for appliances are located on both sides.
Arrangement and connection rating for sockets are provided in Table 1.
2. Move the safety switch in the connection box upwards, to supply electric power to the cooking station and sockets, to with other appliances are connected.
3. If needed, switch the LED lighting off, using the switch (15, Fig. 14) in the control panel.

The cooking station is provided with ventilation with integrated filtering system, which extracts vapours generated during cooking.

- Using the suitable switch (16, Fig. 14), switch the appliance's fan off.
- Select fan speed according to the needs, referencing to the following table.

Level	Inflow air power	When to use it..
1	850 m ³ /h	Use only after cooking. It may be used to cool appliances down, without generating odours nor smoke.
2	1,160 m ³ /h	Use during cooking.
3	1,330 m ³ /h	Select speed on the basis of the amount of smoke
4	1,470 m ³ /h	coming out of appliances.

Tab. 1

- After use, switch appliances from sockets, and disconnect the cooking station from power supply.
- Before you start cleaning or relocating appliances, let them cool down entirely.

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NOTE!

When operating and cleaning the used appliances, follow indications contained in their operating instructions.

6 Cleaning

6.1 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.

6.2 Cleaning

ATTENTION!

When you use fryers or other appliances generating strong odours, clean or exchange filters more frequently.

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1. Clean the utilised table-top appliances according to indications provided in their instruction manuals.
2. Regularly clean the cooking station and its equipment.

Daily Cleaning

1. At the end of a working day, clean the appliance.
2. Follow indications provide in the below illustrations:

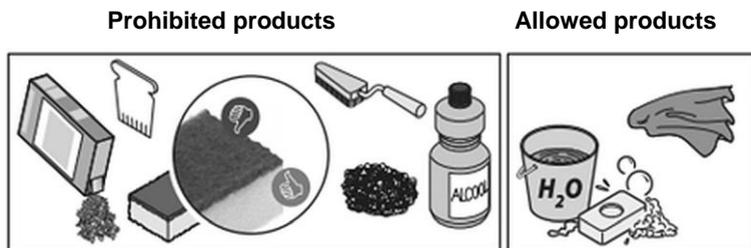


Fig. 17



Fig. 18

Labyrinth Filter Cleaning

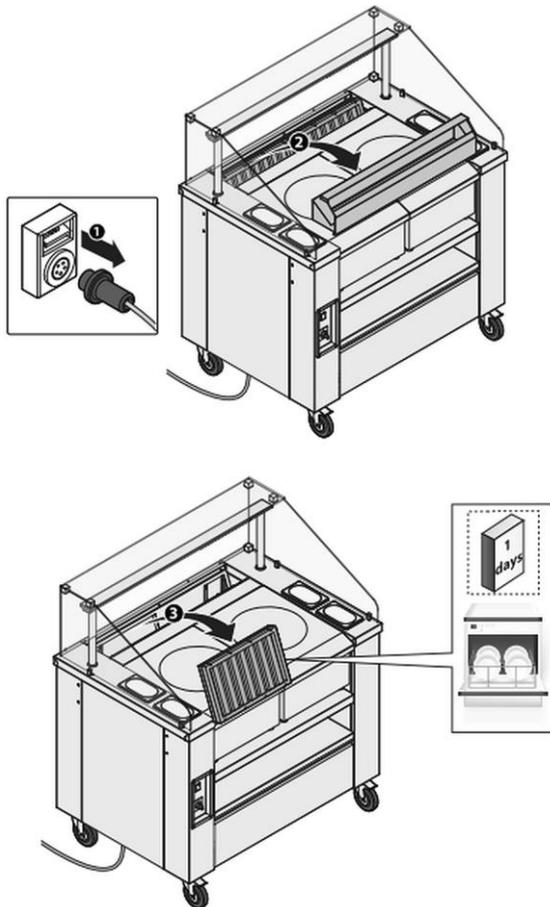


Fig. 19

Zeolite Filter Cleaning

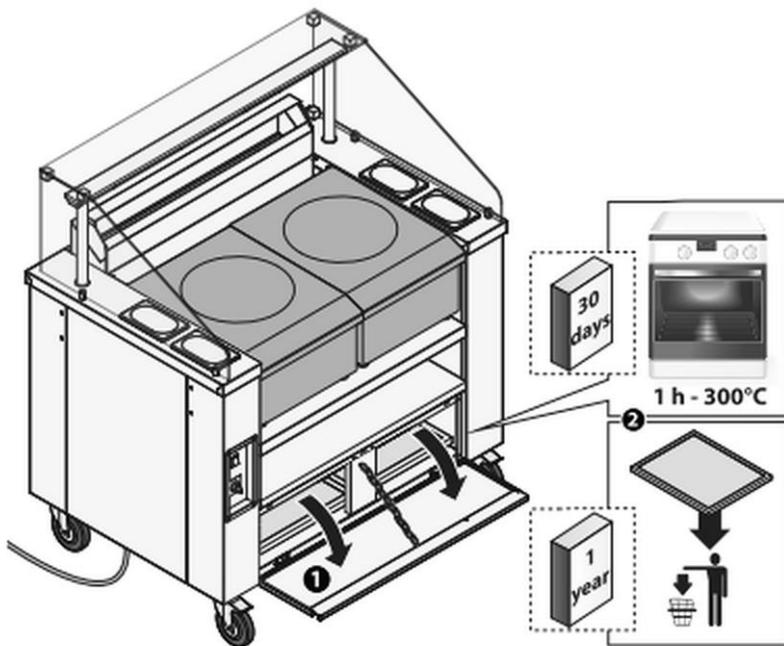


Fig. 20

Activated Carbon Filtering Mat Cleaning

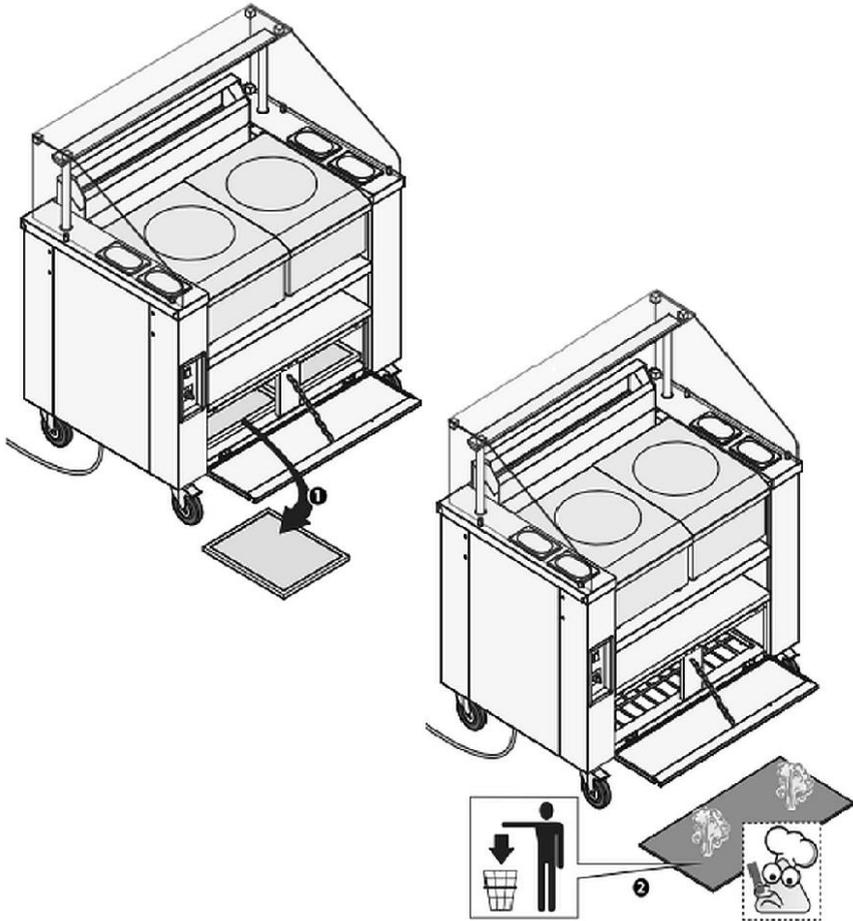


Fig. 21

7 Possible Malfunctions

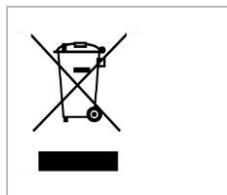
The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. When malfunction cannot be removed, contact the technical service.

Error	Possible Cause	Solution
Appliance does not switch on	The plug is not properly connected to the socket.	Remove the plug and insert it properly in the socket
	Circuit breakers are not activated	Restore correct operating conditions
	No electric power supply	Wait for restoration of correct operating conditions
	Damaged power cord	Contact the service company
	Fuse damaged	Disconnect the power supply and replace fuse

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8 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.