

04/2013

Mod: CT221/D-N CT331/D-N

Production code: BMPK-2120 BMPK-3120



Diamond
catering equipment

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DECLARATION OF A STANDARDS CONFORMITY

The producer confirms that the devices agree with CEE 90/396 standards, rule nr. 22/1997 sb. and with relevant government orders. Installation must be done with respect to valid standards. Attention, the producer refuses any responsibility in case of direct or indirect damages which are caused due to wrong installation, incorrect intervention or modification, insufficient maintenance, incorrect use and also possibly caused by other reasons presented by items in sale conditions. This appliance is set only for skilled use and must be operated by qualified persons only. Parts set and secured by the producer or accredited person must not be rebuilt by user.

TECHNICAL DATA

Label with technical data is placed on the back side of the device. Study the electrical diagram of connection and all following information before installation.

MODELS	DIMENSIONS (cm)	VOLTAGE (V/Hz)	WATTAGE (W)
BMPD -2120	84,7 x 67,4 x 90v	230/50	1400
BMPK -2120	90,6 x 67,9 x 90v	230/50	1400
BMPD -3120	124,9 x 67,4 x 90v	230/50	2100
BMPK -3120	130,8 x 64,9 x 90v	230/50	2100
BMPD -4120	165,1 x 67,4 x 90v	230/50	2800
BMPK -4120	171 x 64,9 x 90v	230/50	2800
BMSD -2120	79,7 x 59,8 x 90v	230/50	1400
BMSK -2120	79,7 x 59,8 x 90v	230/50	1400
BMSD -3120	119,9 x 59,8 x 90v	230/50	2100
BMSK -3120	119,9 x 59,8 x 90v	230/50	2100
BMSD -4120	160,1 x 59,8 x 90v	230/50	2800
BMSK -4120	160,1 x 59,8 x 90v	230/50	2800

PACKING AND DEVICE CHECK

The device leaves our stocks properly packed with appropriate symbols and labels. There are also appropriate instructions for use. In case the packing shows bad handling or damage, it must be reclaimed at transport company immediately by writing and signing of a damage protocol.

Important notice:

- this instructing guide must be read properly and carefully because it contains important information about safety elements, installation, use
- these recommendations refer to this product
- this product corresponds with valid standards
- this guide must be properly deposited for future use
- keep the children away from manipulation with the product
- when selling or moving the product to another place it is necessary to make yourself sure that the staff or the professional service has got acquainted with control and installation instructions from enclosed guide
- only authorised person can operate the product
- it can not be switched on without supervision
- we recommend to have the product checked by professional service min. once a year
- only original spare parts can be used for repairs
- the product can not be cleaned by the water jet or pressure shower
- by damage or break down disconnect all the feeders (water, gas, electricity) and call professional service
- producer refuses any responsibility in case of damages caused by wrong installation, by disobeying of above mentioned recommendations or by other use etc.

INSTALLATION

Technical instructions for installation and regulation

Can be used ONLY by specialised technicians. Following instructions apply to the technician specialised in installation to do all the operations in the most correct way and according to the valid standards.

Important: Any activity connected with regulation etc. must be done only when the device is disconnected from electricity. If it is necessary to have the device connected to the electricity (during repairs) you must be very careful.

PLACEMENT

The device must be installed in well ventilated room what is necessary for regulation of the function of the device (technician must go by valid standard (ČSN....)). If the device is situated close to the wall or if it is in contact with the furniture walls, these walls must resist the temperatures ranging to 60°C. Installation, setting, putting into operation must be done by qualified person who is competent for this and according to the valid standards.

Wrap up the device and check whether it was not damaged during transport. Settle the device on horizontal surface (max. imbalance 2°). Settle the device under the fumehood to eliminate water steam and bad smell.

The device can be installed separately or in a set with devices of our production. Min. distance 10 cm from other subjects must be kept. It is also necessary to prevent our product from contact with combustible materials. In this case you must make corresponding changes to secure heat isolation of combustible parts.

SAFETY MEASURES FROM THE STANDPOINT OF THE FIRE PROTECTION ACCORDING TO ČSN 061008 ČL. 21

- only adults can operate the device
- device must be safely used in common surroundings according to ČSN 332000-1
- device must be placed so as to stand or hang on the non combustible surface

No subjects from combustible materials can be placed directly on the device or in distance which is shorter than safety distance (the shortest distance is 10 cm).

- safety distances from various materials of different degree of combustion and information about the degree of comb. of common building materials - see chart:

Chart:

combustion degree of building materials classified according to the combustion degree of materials and products (ČSN 730823)

A	non combustible	granit, sandstone, concretes, bricks, ceramic wallfacing tiles, plaster
B	uneasily combustible	akumine, heraklite, lihnos, itavere
C1	hardly combustible	leafy wood, plywood, sirkoklit, rare paper formica
C2	middle combustible	fibreboards, solodure, cork boards, rubber, floor-coverings
C3	easily combustible	wood-fibreboards, polystyrene, polyurethane, PVC

Devices must be installed in a safe way. When installing you must respect corresponding project, safety and hygienic orders according to:

- ČSN 061008 fire protection of local devices and sources of heat
- ČSN 332000 surrounding for electric devices

CONNECTION OF THE ELECTRIC CABLE TO THE ELECTRICITY

Installation of electric feeder - This feeder must be separately protected by a safety fuse according to the specific electric stream which depends on the wattage of the installed device. Check the wattage on the label at the back of the device. Connect the device directly to the electricity but you must put the switch between the device and electric net. The switch must be placed in min. distance 3 mm between the particular contacts according to the standards and loading. The feeder of grounding (yellow-green) cannot be interrupted by this switch. In every case feeding cable must be placed so that no point of the cable will reach the temperature which is 50°C higher than the temperature of the surrounding. Before connecting the device check that:

- safety fuse of the feeder and inner mains can stand the loading of the device (see label of the matrix)
- mains are equipped with effective grounding according to standards (ČSN) and conditions given by law
- socket or switch of the feed is well accessible from device

We refuse any responsibility in case of not respecting above mentioned rules. Before the first use it is necessary to remove all the protection foil and to clean the device - see chapter "cleaning and maintenance". Maintenance: We recommend to have the device checked once a year by the professional service. Only qualified or competent persons can do interventions in the product.

INSTRUCTION FOR USE

Attention! Before the first use of the device you must wash the device with cleaning cloth dipped in the water with detergent. Than wipe it with moist cleaning cloth dipped in clean water.

Fill the device with water to the high of max 2 cm. Switch on with main switch (B) turn the knob (A) from the position "0" to required position between 30°C - 90°C. Pilot lamp indicates that the device is on. Pilot lamp (C) lights when thermo spirals are on. Pilot lamp (D) goes out when the device reaches required temperature.

Switch the device off by turning the knob (A) into position "0" and switch over the switch (B) into position switched off. Check the level of the water, never use the device without water. Use the device under supervision. The device must be fully occupied with the gastrobowls. If the bays are not fully occupied with the gastro bowls, you must cover the empty spaces with the gastro covers to prevent escape of the warm and water steam. In each models there is separate handling for each bay. If you do not use the device for longer time remove the main cable (D) from the electricity net and give this in the side-hole on the panel of the device.

If you place the moving models it is necessary to brake their wheels. By standing models, you must fix them with regulation legs.



A	Regulation nob	C	Led	E	Outlet valve
B	Main switch	D	Main cable	F	Valve lever

Discharging of the bath:

Discharge the bath when the water is cold and the device is disconnected from the electricity. By the type BMV-1115/2115 follow these instructions:

User must have convenient bowl for discharging the bath. This bowl must be made from heat-resistant material. Put the bowl in the safe place to prevent discharging water from splashing. Splashing can cause the danger. Open the discharging pipe by turning the lever into position open and discharge the water this way. Discharge the bath when the water is cold.

CLEANING AND MAINTENANCE

It is recommended to have the device checked by the professional service min. once a year. All interventions must be done by qualified person who is competent for this.

ATTENTION! The device cannot be cleaned by direct or pressure water. Clean it daily. Daily maintenance keeps longer useful life and efficiency of the device. Before cleaning make sure to have disconnected the device from electricity. Always switch off the main feeder to the device. Stain-less parts wash with moist cleaning cloth and detergent without groove parts than wash it with clean water and dry it by the cloth. Do not use abrasive and corrosive detergents.

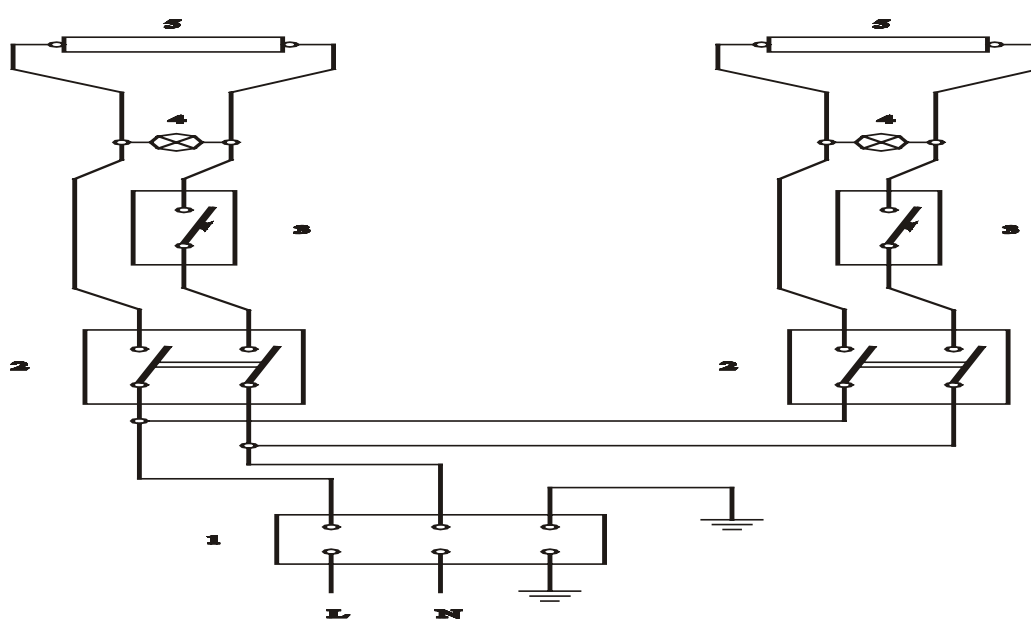
WHAT TO DO IN CASE OF BREAK-DOWN

Switch off the electric feeder and call seller's professional service.

Indication:

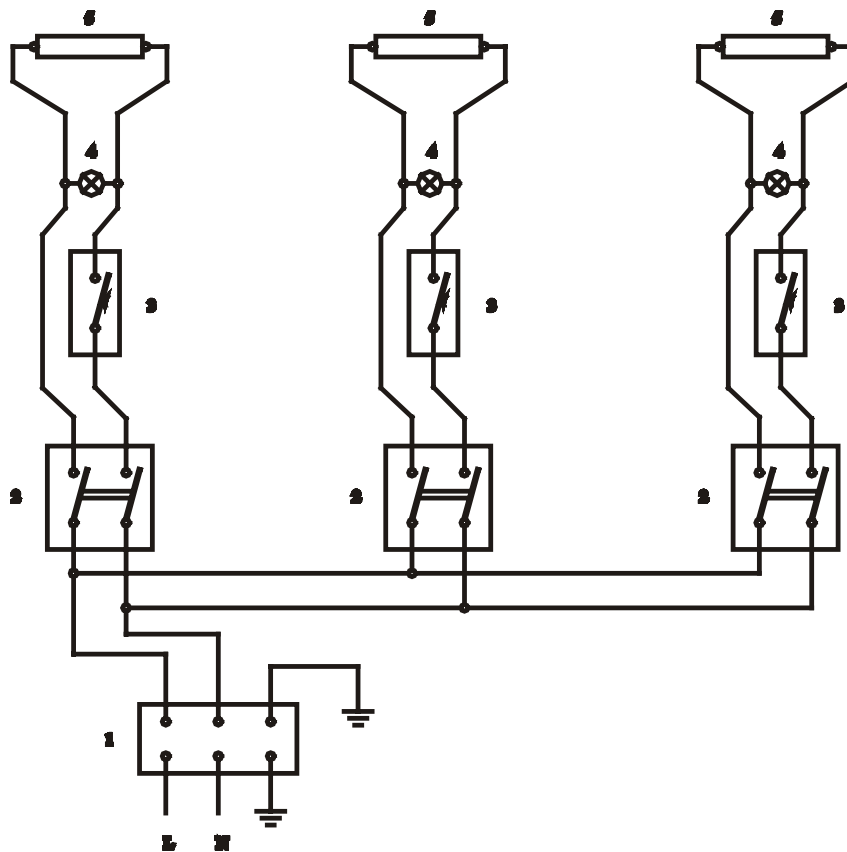
Guarantee does not cover all consumption parts succumable to common wear (rubber seals, bulbs, glass and plastic parts etc.). The guarantee does not refer to the devices which were not installed in correspondence with instructions - by qualified worker, in conformity with standards and when somebody handled incompetently the device (interventions into inner equipment) or the device was operated by non qualified staff or at variance with instructions for use. Guarantee does not also cover the damages caused due to influence of nature or other outer intervention.

WIRING DIAGRAM BMPD(K),BMSD(K) 2120



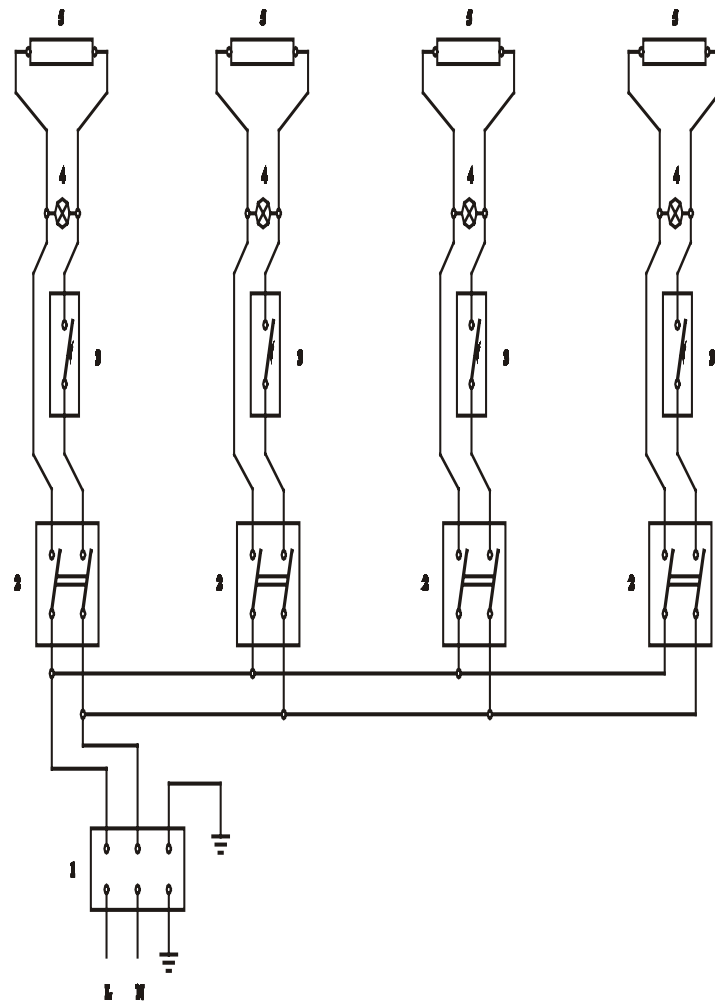
1. Terminal board
2. Switch
3. Termostat
4. Led
5. Heating element

WIRING DIAGRAM BMPD(K), BMSD(K) 3120



1. Terminal board
2. Switch
3. Thermostat
4. Led
5. Heating element

WIRING DIAGRAM BMPD, BMPK, BMSD, BMSK 4120



1. Terminal board
2. Switch
3. Termostat
4. Led
5. Heating element