



**BAIN-MARIE AND HEATED GLASS-TOP
ELEMENTS**



**LINE-SELF
FREE-FLOW
BABY-SELF**



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EXAMPLE OF RATING PLATE

					
TYP. EBA 16L				1999	
NR			9900101		
3N	AC	400	V	50 Hz	
Ⓜ	0,03 kW	TOT.	4,23 kW	kPa	
				50±500	
IPX 4		CE			

1 - GENERAL RECOMMENDATIONS FOR THE INSTALLER

INSTALLATION, START-UP AND MAINTENANCE OF THE APPLIANCE SHOULD BE CARRIED OUT BY QUALIFIED ENGINEERS, LICENSED FITTERS OR PERSONNEL AUTHORISED BY THE MANUFACTURER.

- 1.1 Carefully read the recommendations in this instruction booklet, as they provide important advice for safe installation, operation and maintenance.
Keep this booklet to hand in a safe place for future reference.
- 1.2 Before leaving the factory this appliance has been tested and set by qualified, specialised personnel to perform at its best.
- 1.3 Any repair work or re-setting required thereafter must be carried out extremely carefully by qualified persons.
For this reason it is therefore recommended that, whenever necessary, the dealer from whom the appliance was bought should always be contacted specifying the problem, the model and the serial number of the appliance.
- 1.4 The appliance should be operated only by personnel trained in its use.
The appliance must be under supervision when in operation: remember that some parts will be hot.
- 1.5 **Ask the fitter for all instructions necessary for starting up the appliance correctly, including an explanation of the controls and their functions. Before using the appliance for the first time and at the end of every working day, it should be thoroughly cleaned inside** (see paragraph "Cleaning and maintenance").
- 1.6 **Use non-corrosive products** (alkaline) for daily cleaning.
Do not use abrasive cleaners.
- 1.7 **Avoid any operation which leads to cooking salt being deposited on the steel surfaces of the appliance; should this happen, clean thoroughly and immediately.**
- 1.8 Always switch off the appliance when not in operation and turn off mains supplies (electricity and water).
- 1.9 **Failure to observe these fundamental rules may compromise your own safety and that of the appliance.**
- 1.10 After having removed the packing, **check the appliance for damage.** If in doubt, do not use the appliance and contact qualified personnel.
- 1.11 The packaging elements **must not be left within reach of children**, since they are potential sources of danger.
- 1.12 Before connecting the appliance, **make sure** that the data on the rating plate (located on the rear at the bottom) correspond to those of the mains supplies (electricity and water).
- 1.13 Positions for the inlets and outlets are **marked** by relative labels.
- 1.14 **Immediately switch off** the appliance in the event of failure or malfunctioning.
- 1.15 The manufacturer cannot be held liable and declines all guarantee obligations regarding any claims for damages ensuing from bad installation or failure to observe current regulations.

2 - TECHNICAL DATA

2.1 LINE-SELF / FREE-FLOW bain-marie with water

Model	Rated voltage AC V	Rated output kW	Connecting wire H07 RN-F min. section
EBG 08 L/F	AC 230 V	1,5	3 x 2,5 mm ²
EBG 12 L/F	3 AC 400 V + N	2,25	5 x 2,5 mm ²
EBG 16 L/F	3 AC 400 V + N	3	5 x 2,5 mm ²
EBG 22 L/F	3 AC 400 V + N	4,5	5 x 2,5 mm ²
EBA 12 L/F	3 AC 400 V + N	2,73	5 x 2,5 mm ²
EBA 16 L/F	3 AC 400 V + N	4,23	5 x 2,5 mm ²
EBA 22 L/F	3 AC 400 V + N	6,96	3 x 2,5 mm ²

2.2 LINE-SELF / FREE-FLOW bain-marie with hot air

Model	Rated voltage AC V	Rated output kW	Connecting wire H07 RN-F min. section
EAG 16 L/F	3 AC 400 V + N	2,46	3 x 2,5 mm ²
EAG 22 L/F	3 AC 400 V + N	5,06	3 x 2,5 mm ²
EAM 16 L/F	3 AC 400 V + N	2,46	5 x 2,5 mm ²
EAM 22 L/F	3 AC 400 V + N	5,06	5 x 2,5 mm ²
EAS 16 L/F	3 AC 400 V + N	4,92	5 x 2,5 mm ²
EAG 22 L/F	3 AC 400 V + N	10,12	5 x 2,5 mm ²

2.3 BABY-SELF bain-marie with water

Model	Rated voltage AC V	Rated output kW	Connecting wire H07 RN-F min. section
BPG 18 16	3 AC 400 V + N	3	5 x 2,5 mm ²
BPG 18 22	3 AC 400 V + N	4,5	5 x 2,5 mm ²
BPC 18 16	3 AC 400 V + N	4,23	5 x 2,5 mm ²
BPC 18 22	3 AC 400 V + N	6,96	5 x 2,5 mm ²
BBG 18 16	3 AC 400 V + N	3	5 x 2,5 mm ²
BBG 18 22	3 AC 400 V + N	4,5	5 x 2,5 mm ²
BBC 18 16	3 AC 400 V + N	4,23	5 x 2,5 mm ²
BBC 18 22	3 AC 400 V + N	6,96	5 x 2,5 mm ²

2.4 BABY-SELF bain-marie with hot air

Model	Rated voltage AC V	Rated output kW	Connecting wire H07 RN-F min. section
BPA 18 16	3 AC 400 V + N	2,46	3 x 2,5 mm ²
BPA 18 22	3 AC 400 V + N	5,06	3 x 2,5 mm ²
BPG 18 16	3 AC 400 V + N	4,92	3 x 2,5 mm ²
BPG 18 22	3 AC 400 V + N	10,12	3 x 2,5 mm ²
BLA 18 16	3 AC 400 V + N	2,46	3 x 2,5 mm ²
BLA 18 22	3 AC 400 V + N	5,06	3 x 2,5 mm ²
BLS 18 16	3 AC 400 V + N	4,92	3 x 2,5 mm ²
BLS 18 22	3 AC 400 V + N	10,12	3 x 2,5 mm ²

2.5 LINE-SELF / FREE-FLOW heated glass-top elements

Model	Rated voltage AC V	Rated output kW	Connecting wire H07 RN-F min. section
EVG 08 L/F	AC 230 V	0,6	5 x 2,5 mm ²
EVG 12 L/F	AC 230 V	0,9	5 x 2,5 mm ²
EVG 16 L/F	AC 230 V	1,2	5 x 2,5 mm ²
EVG 22 L/F	1 AC 230 V	1,8	3 x 2,5 mm ²
EVA 12 L/F	3 AC 400 V	2,13	5 x 2,5 mm ²
EVA 16 L/F	3 AC 400 V	2,43	5 x 2,5 mm ²
EVA 22 L/F	3 AC 400 V	4,26	5 x 2,5 mm ²

INSTALLATION INSTRUCTIONS

3 - SPECIAL INSTRUCTIONS

- 3.1 Current standards require a **double-pole linked switch** to be fitted between the appliance and the electricity mains supply. The switch must have a contact separation of at least 3 mm in each pole.
With bain-maries, a cutoff cock must be installed for filling with cold water.

4 - LAWS, TECHNICAL REGULATIONS AND STANDARDS

The following current standards are to be observed when installing an appliance:

- 4.1 - local planning requirements and fire prevention regulations.
4.2 - current accident prevention regulations.
4.3 - all current standards and regulations.

5 - POSITIONING

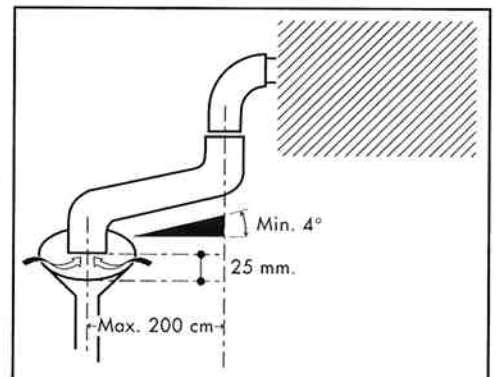
- 5.1 When positioning on counters, it is advisable to ensure that they are suitable for the weight of the appliance.
5.2 Before positioning the appliance properly, insert the extension water pipes.
5.3 If the walls next to the appliance are of inflammable material, they should be suitably clad.
5.4 **Fire prevention regulations must be scrupulously observed.**
5.5 **The electric wiring must never be under strain.**
5.6 Do not obstruct the suction inlets or heat dispersion outlets; scrupulously follow the installation diagrams.
5.7 **Remove the protective film.**

6 - INSTRUCTIONS FOR WATER CONNECTION: (Only for bain-marie)

- 6.1 The mains water pressure should be between 50 and 500 Kpa (as indicated on the rating plate).
6.2 Should the pressure be higher, install a pressure reducer between the appliance and the mains water outlet.
6.3 To fill the bain-marie, it should be connected with an R 3/4" pipe fitting to a source of **cold softened water**. The properties of the water should be within the following limits (in order to **prevent corrosion** which is ruinous for the appliance): hardness between 3° and 6° FH; pH higher than 7.5; chlorides less than 30 ppm.
6.4 **The manufacturer cannot be held liable and refuses any obligation under warranty for any damage caused by incorrect installation that does not comply with regulations in force.**

7 - DRAINAGE:

- 7.1 The drain is made with a heat-resistant plastic pipe (not flexible) without sharp bends, with maximum length of 2 m and a slope of not less than 4°. In compliance with current regulations the drain pipe should not be ducted in a continuous system and a minimum air gap of 25 mm must be ensured.
All pipes must be of the same diameter.



8 - ELECTRICAL CONNECTION AND UNIPOTENTIAL SYSTEM

- 8.1 The electrical safety of this appliance is guaranteed only if it is connected correctly to an **efficient earthing system**, in accordance with current safety regulations.
8.2 The manufacturer shall not be responsible for any damage caused by failure to earth the installation properly.
8.3 The appliance must also be included in a **unipotential system**.
8.4 Make the connection through the terminal situated on the rear of the appliance, and marked by the relevant symbol, according to current safety regulations.

9 - CONTROL AND SAFETY SYSTEMS

9.1 Bain-marie tank safety thermostats

There are the same number of safety thermostats as heating elements and they activate in the event of malfunctioning of the main temperature regulating thermostat.

They may also activate if there is no water in the tank, which is why the bain-marie should never be switched on without having first checked the level of water in the tank.

9.2 Heated glass-top safety thermostats

There are the same number of safety thermostats as heating elements and they activate in the event of malfunctioning of the main regulating thermostat.

That is why pans, containers or whatever has just been taken from the oven should never be placed on the glass, but always left to cool for a few minutes.

9.3 Warming cupboard and dish-heating trolley safety thermostat

This safety thermostat activates in the event of malfunctioning of the main temperature regulating thermostat.

IF ANY OF THESE SAFETY DEVICES ACTIVATES, DISCONNECT THE APPLIANCE FROM THE POWER SUPPLY AND CONTACT THE INSTALLER.

Never reset the safety systems without the help of a specialised technician.

10 - START-UP: RECOMMENDATIONS

10.1 When the appliance has been connected, before operating it for the first time, a **general check** should be carried out as follows:

remove all packing material and protective film;

make sure that the vents are not obstructed;

ensure that current safety regulations have been observed;

make sure that the fan turns freely;

check the water connection;

check that water flows freely from the drain.

Demonstrate to the user the different systems available with the appliance, what routine maintenance is required and the correct use of the appliance. We recommend **advising** the customer to sign a maintenance contract.

11 - MAINTENANCE / CLEANING

11.1 Disconnect the appliance from the mains power supply before carrying out any cleaning operations.

Before using your new appliance clean out the cavity carefully.

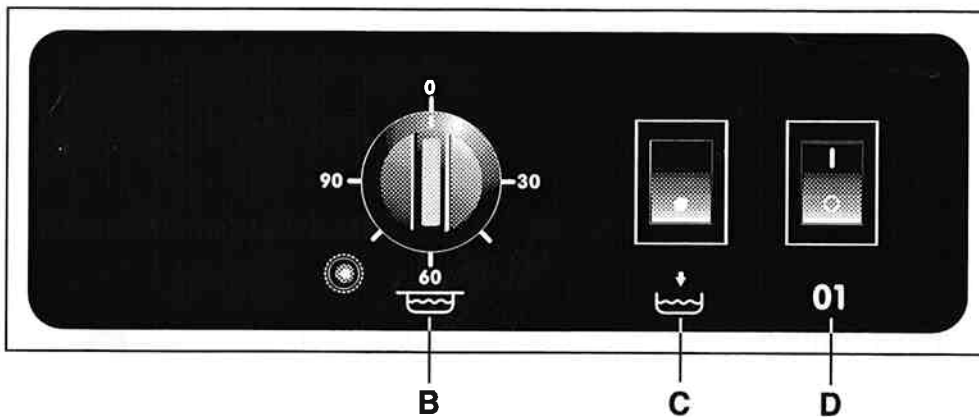
11.2 Do not use acids or corrosive cleaners, wire wool or brushes to clean either the appliance cavity or the external sides. Use warm water with a suitable detergent).

Do not wash the appliance with high-pressure water jets.

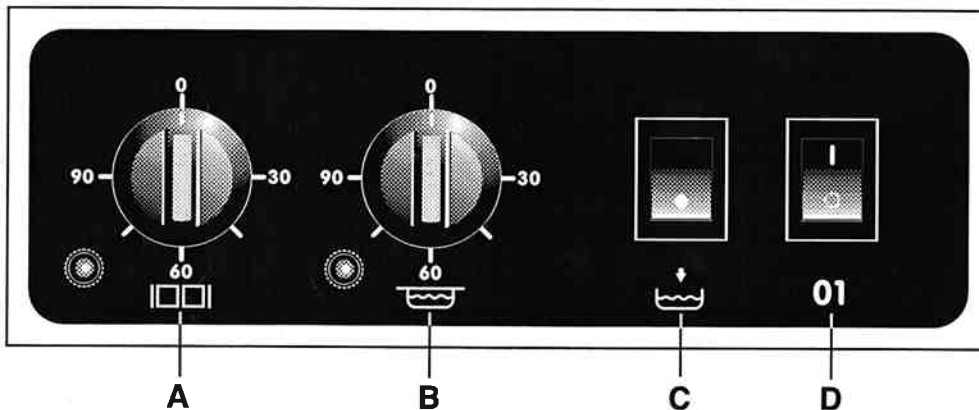
11.3 **Thorough daily cleaning** is essential for best performance and homogeneous operation, thereby avoiding costly, inconvenient maintenance operations.

DESCRIPTION OF CONTROLS

BAIN-MARIE WITHOUT WARMING CUPBOARD



BAIN-MARIE WITH WARMING CUPBOARD



12 - DESCRIPTION OF BAIN-MARIE CONTROLS

- A Cupboard thermostat.
- B Tank thermostat.
- C Water drain switch.
- D On/off switch.

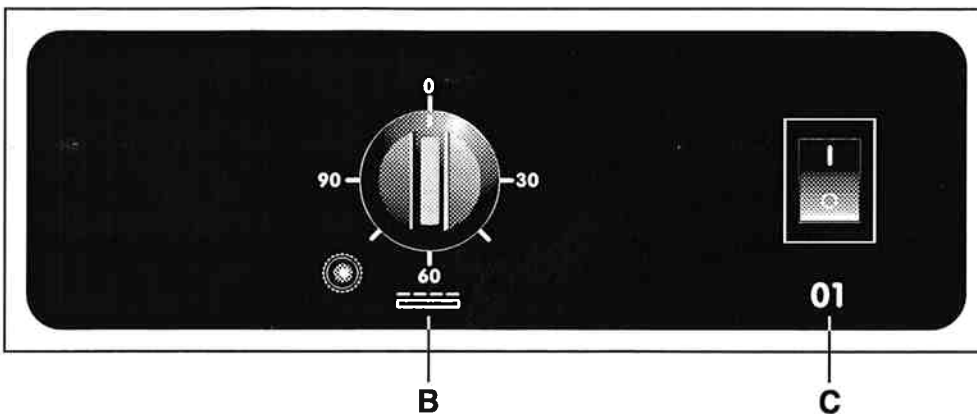
13 - BAIN-MARIE OPERATION

Switch on the appliance using the relative luminous switch **D**. Fill the tank with water using the filling switch **C**; the water level should be up to the top of the overflow. Once the tank has been filled, use thermostat **B** to set the required temperature; the corresponding indicator light goes out when this temperature has been reached. Set the cupboard temperature using thermostat **A**; also in this case the corresponding indicator light goes out when the temperature has been reached.

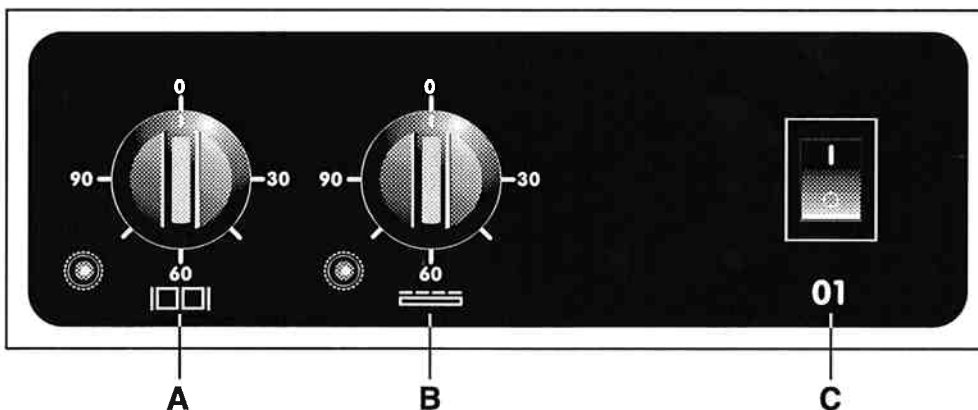
14 - GENERAL RECOMMENDATIONS

ATTENTION: under no circumstances should the thermostat be switched on if there is no water in the tank, since this could result in the safety thermostats being inverted and the appliance consequently becoming unusable.

HEATED GLASS TOPS WITHOUT WARMING CUPBOARD



HEATED GLASS TOPS WITH WARMING CUPBOARD



15 - DESCRIPTION OF HEATED GLASS-TOP CONTROLS

- A Cupboard thermostat.
- B Heated top thermostat.
- C On/off switch.

16 - HEATED GLASS TOP OPERATION

Switch on the appliance using the relative luminous switch **C**. Using the thermostats, set the required temperature for each plate; the corresponding indicator light goes out when this temperature has been reached.

17 - GENERAL RECOMMENDATIONS

ATTENTION: under no circumstances should trays or dishes be taken out the oven and placed directly on the heated glass-top elements, since this could result in the safety thermostats being inverted and the appliance consequently becoming unusable.

DO NOT FORGET THAT THE APPLIANCES HAVE HOT ZONES DURING OPERATION.

