

# BAIN MARIE SERVICE UNITS

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## A GENERAL INFORMATION

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**Before installing the appliance, read operation and maintenance instructions carefully. Wrong installation and part changing may damage the product or may cause injury on people. These are not in our company's responsibility to damage the appliance intentionally, negligence, detriments because of disobeying instructions and regulations, wrong connections. Unauthorized intervention to appliance invalidates the warranty.**

1. This instruction manual should be kept in a safe place for future reference.
- 2. Installation should be made in accordance with ordinances and security rules of that country by a qualified service personnel.**
3. This appliance has to be used by trained person.
4. Please turn off the appliance immediately in the event of malfunction or failure. The appliance should be repaired only by authorized service personnel. Please demand original spare part.

# BAIN MARIE SERVICE UNITS

## A1 PRODUCT DESCRIPTION

\*The Professional Bain Marie Hot Service Units, that provides high efficiency has been designed to be used in industrial kitchens.

Product Code	Dimensions (mm)	Weight (kg)	Packaging Dimensions (mm)
<b>BEH80</b>	800x790x850	40	920x950x1150
<b>BEH125</b>	1250x790x850	67	1370x950x1150
<b>BEH150</b>	1500x790x850	79	1620x950x1150
<b>BEH180</b>	1800x790x850	95	2120x950x1150
<b>BEH210</b>	2100x790x850	157	2220x950x1150

## A2 TECHNICAL INFORMATION

Product Code	Capacity	Power (KW)	Operating Voltage (V)	Cable (mm <sup>2</sup> )	Accessories
<b>BEH80</b>	2x1/1 GN	3,6	220	3x1,5	*Wooden Decorated *Top Shelf Group *Tray Sliding Stand * *Granite Table
<b>BEH125</b>	3x1/1 GN	3,6	220	3x1,5	
<b>BEH150</b>	4x1/1 GN	3,5	220	3x1,5	
<b>BEH180</b>	5x1/1 GN	3,5	220	3x1,5	
<b>BEH210</b>	6x1/1 GN	7,2	220	3x1,5	

# BAIN MARIE SERVICE UNITS

## A3 TRANSPORTATION

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\*This appliance can not be moved by hand from area to area. It must be moved on pallet with forklift truck.

## A4 UNPACKING

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\*Please unpack the package according to the security codes and ordinances of current country and get rid from the pack. Parts which contacts with food are produced by stainless steel. All plastic parts are marked by material's symbol.

\*Please check that all the parts of appliance had come completely and if they are damaged or not during the shipping.

## B INSTALLATION

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\*Please place the product to straight and sturdy ground, please take necessary steps against possibility of overturn.

\*Technician who will serve for installation and service for the appliance must be professional on this subject and must have installation and service licenses by the company.

\*Connection to Electric Power Supply must be done by authorized person.

\*Please be sure that the voltage connected to appliance must be equal with the voltage which is on appliance's label.



This appliance must be connected to an earthed outlet in accordance with safety rules and standards.











\*Appliance's earthing must be connected to earthing line on panel which is nearest to electric installation.

\*Connection to the main fuse and leak current fuse must be done in accordance with the current regulations.

# BAIN MARIE SERVICE UNITS

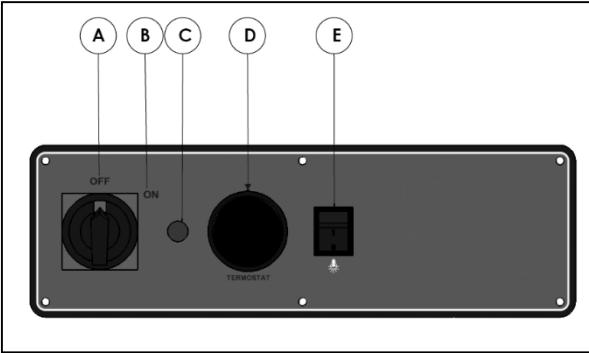
## C SAFETY INSTRUCTIONS

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-  \*Do not use the appliance in insufficient lighted place.
-  \*Do not touch the moving attachments while the appliance operates.
-  \*Do not install the appliance in the presence of flammable or explosive materials.
-  \*Do not operate the appliance when the machine is empty.
-  \*Do not load so less or more than appliance's capacity .
-  \*Do not attempt to use the appliance without suitable protective equipments.
-  \*Because of any reason if there is a fire or flame flare where the appliance is used,turn off all gas valves and electric contactor switch quickly and use fire extinguisher .Never use water to extinguish the fire.
-  \*All the damages because of not having earthing connection will not be on warranty.
-  \*Do not put heavy materials on the top shelf group of bain marie hot service unit.
-  \*Do not leave the lids opened when there is food in hot service unit's tank.

## D OPERATION

### \*Control Panel;



- A : Switch ON position
- B : Switch OFF position
- C : Signal lamp
- D : Heat setting button
- E : Lamp ON/OFF

### \*Operating;

- Be sure that water drainage valve is turned off before operating.
- Take off upper lids and put water into bain marie tank.
- Plug in the appliance.
- In order to operate the appliance switch to (I) position.
- Adjust the thermostat heat to desired temperature.
- Indicator lamp on the switch signals as heaters work.
- During the working of heaters, the thermostat steps in or if bain marie unit is turned off, the indicator lamp will stop signaling.
- Put the foods that are wanted to be serviced into the tank.
- After heating process, switch to (0) position and unplug the appliance.
- Leave the water that is in tank to be cooled before draining.

# BAIN MARIE SERVICE UNITS

## **E      CLEANING & MAINTENANCE**

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### ➤ **CLEANING AND MAINTENANCE AFTER EVERY USE**

- Always turn off the appliance and disconnect from the power supply before cleaning.
- The parts that contact with food must be cleaned after every use.
- Clean the outer surface of the appliance with moist cloth.
- In order to clean the inside of the appliance, first take off the tank and then clean the inside of the appliance.
- Pay attention the cleaning materials to be hygienic.
- Do not use abrasive cleaning chemicals as these can leave harmful residues.
- Do not wash the appliance with water during the cleaning.

### ➤ **PERIODIC CLEANING AND MAINTENANCE**

- Maintenance should be done by qualified person.
- According to frequency of use, clean the top shelf group with moist cloth.
- Clean the upper lighting lamp with dry cloth in periodic times.

# BAIN MARIE SERVICE UNITS

## F TROUBLESHOOTING

### THE APPLIANCE DOESN'T OPERATE

1. Check if the appliance is plugged in.
2. Check the electrical connections and voltage.
3. Check if the fuse is on or off.
4. Check the resistances.

### THE APPLIANCE DOESN'T HEAT WELL

1. Check the heat setting.
2. Check the amount of water in the tank.
3. Check the drainage valve.

### THE APPLIANCE STOPPED

1. The appliance can stop due to low voltage. In this situation check the voltage.
2. The appliance's thermostat control stops the heat automatically when the heat reaches to desired temperature. When the temperature reduces, the heaters step in again.

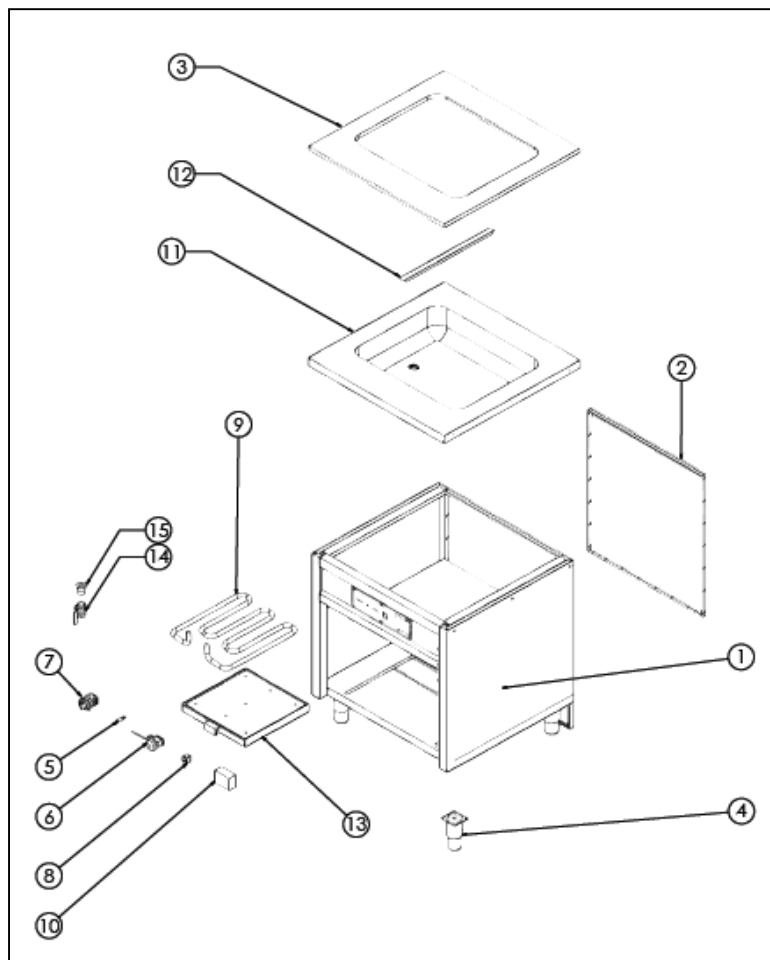
- If keeping the foods hot is not done at suitable quality
- If any function of security doesn't work
  - Do not use the appliance.

**\*If these problems are still going on, contact with our authorized services.**



# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



BEH80 - 10

# BAIN MARIE SERVICE UNITS

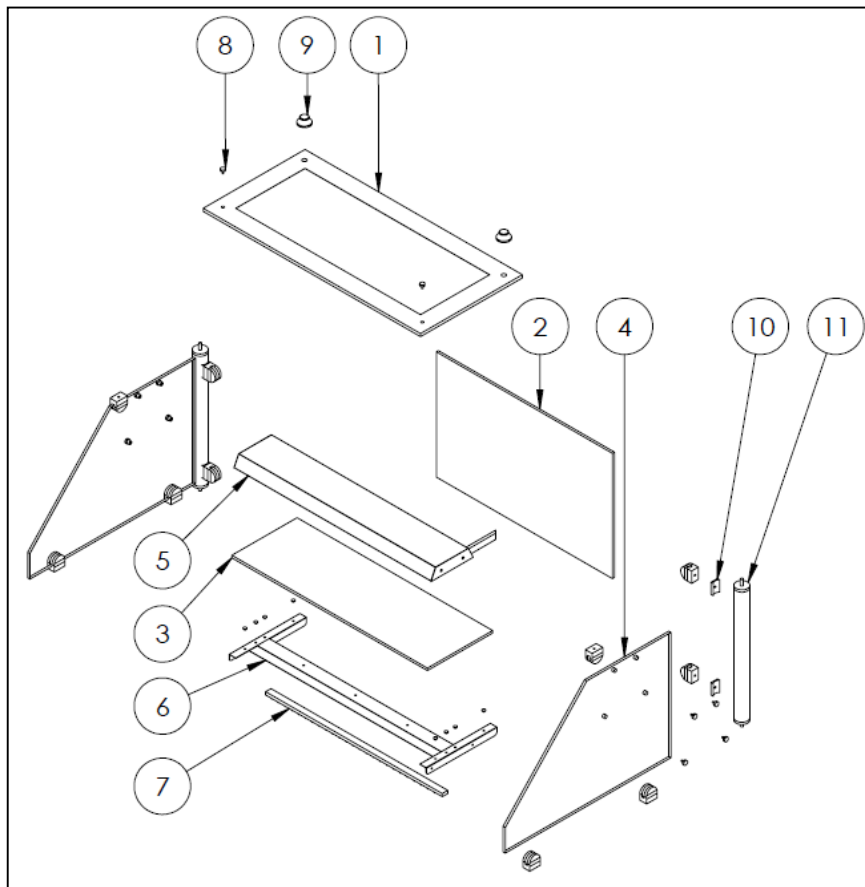
## G SPARE PART LIST-EXPLODING DRAWING

PODUCT CODE: BEH80		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BEH80.1001
2	FRONT WOOD	Y.BEH80.1002
3	GRANIT	Y.BEH80.1003
4	FET	Y.BEH80.1004
5	WARNING LAMP	Y.BEH80.1005
6	THERMOSTAT	Y.BEH80.1006
7	SWITCH	Y.BEH80.1007
8	SWITCH (ON-OFF)	Y.BEH80.1008
9	RESISTANCE	Y.BEH80.1009
10	LED TRANSFORMER	Y.BEH80.1010
11	VESSEL BEARING	Y.BEH80.1011
12	VESSEL SHEETMETAL	Y.BEH80.1012
13	RESISTANCE CONNECTION SHEETMETAL	Y.BEH80.1013
14	VALVE	Y.BEH80.1014
15	OUTLET PLASTIC	Y.BEH80.1015

PODUCT CODE: BEH125		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BEH125.1001
2	FRONT WOOD	Y.BEH125.1002
3	GRANIT	Y.BEH125.1003
4	FET	Y.BEH125.1004
5	WARNING LAMP	Y.BEH125.1005
6	THERMOSTAT	Y.BEH125.1006
7	SWITCH	Y.BEH125.1007
8	SWITCH (ON-OFF)	Y.BEH125.1008
9	RESISTANCE	Y.BEH125.1009
10	LED TRANSFORMER	Y.BEH125.1010
11	VESSEL BEARING	Y.BEH125.1011
12	VESSEL SHEETMETAL	Y.BEH125.1012
13	RESISTANCE CONNECTION SHEETMETAL	Y.BEH125.1013
14	VALVE	Y.BEH125.1014
15	OUTLET PLASTIC	Y.BEH125.1015

# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



BEH80 - BEH125 UPPER GLASS GROUP

# BAIN MARIE SERVICE UNITS

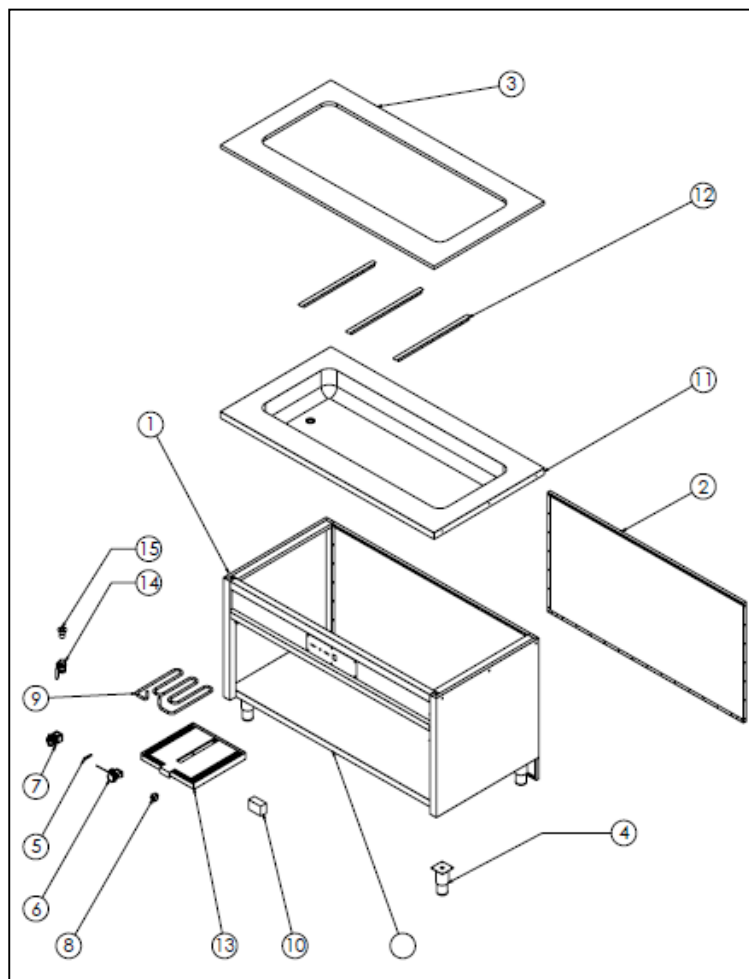
## G SPARE PART LIST-EXPLODING DRAWING

PRODUCT CODE: BEH80.USC.T		
NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BEH80.USC.T.1001
2	FRONT GLASS	Y.BEH80.USC.T.1002
3	GLASS SHELF	Y.BEH80.USC.T.1003
4	SIDE GLASS	Y.BEH80.USC.T.1004
5	TOP LAMP HOLDER	Y.BEH80.USC.T.1005
6	SHELF LAMP HOLDER	Y.BEH80.USC.T.1006
7	LED	Y.BEH80.USC.T.1007
8	SCREW LID	Y.BEH80.USC.T.1008
9	PIPE LID	Y.BEH80.USC.T.1009
10	GLASS HOLDER	Y.BEH80.USC.T.1010
11	PIPE	Y.BEH80.USC.T.1011

PRODUCT CODE: BEH125.USC.T		
NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BEH125.USC.T.1001
2	FRONT GLASS	Y.BEH125.USC.T.1002
3	GLASS SHELF	Y.BEH125.USC.T.1003
4	SIDE GLASS	Y.BEH125.USC.T.1004
5	TOP LAMP HOLDER	Y.BEH125.USC.T.1005
6	SHELF LAMP HOLDER	Y.BEH125.USC.T.1006
7	LED	Y.BEH125.USC.T.1007
8	SCREW LID	Y.BEH125.USC.T.1008
9	PIPE LID	Y.BEH125.USC.T.1009
10	GLASS HOLDER	Y.BEH125.USC.T.1010
11	PIPE	Y.BEH125.USC.T.1011

# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



BEH150 - 50

# BAIN MARIE SERVICE UNITS

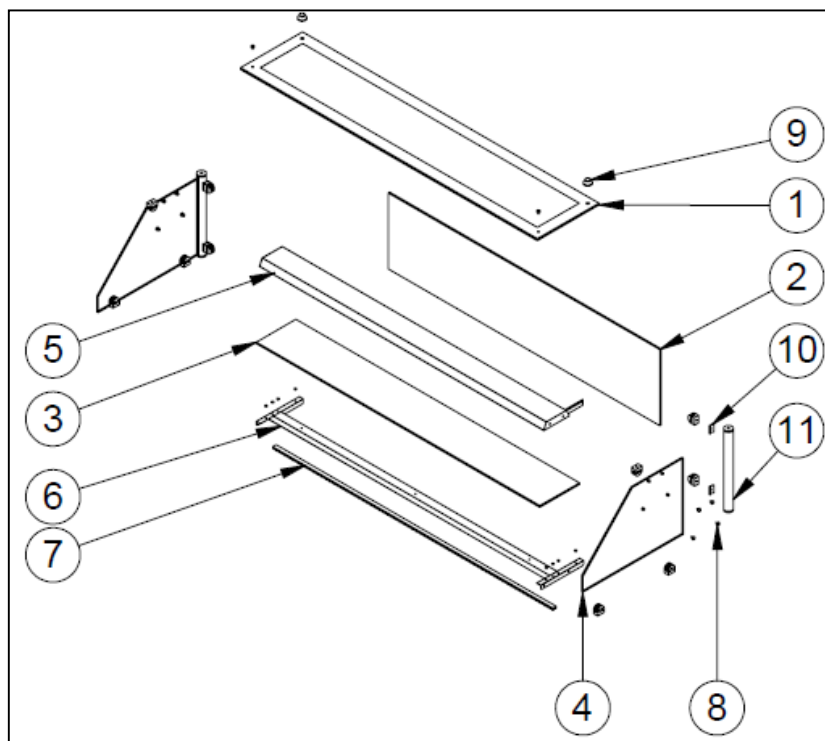
## G SPARE PART LIST-EXPLODING DRAWING

PODUCT CODE: BEH150		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BEH150.1001
2	FRONT WOOD	Y.BEH150.1002
3	GRANIT	Y.BEH150.1003
4	FET	Y.BEH150.1004
5	WARNING LAMP	Y.BEH150.1005
6	THERMOSTAT	Y.BEH150.1006
7	SWITCH	Y.BEH150.1007
8	SWITCH (ON-OFF)	Y.BEH150.1008
9	RESISTANCE	Y.BEH150.1009
10	LED TRANSFORMER	Y.BEH150.1010
11	VESSEL BEARING	Y.BEH150.1011
12	VESSEL SHEETMETAL	Y.BEH150.1012
13	RESISTANCE CONNECTION SHEETMETAL	Y.BEH150.1013
14	VALVE	Y.BEH150.1014
15	OUTLET PLASTIC	Y.BEH150.1015

PODUCT CODE: BEH180		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BEH180.1001
2	FRONT WOOD	Y.BEH180.1002
3	GRANIT	Y.BEH180.1003
4	FET	Y.BEH180.1004
5	WARNING LAMP	Y.BEH180.1005
6	THERMOSTAT	Y.BEH180.1006
7	SWITCH	Y.BEH180.1007
8	SWITCH (ON-OFF)	Y.BEH180.1008
9	RESISTANCE	Y.BEH180.1009
10	LED TRANSFORMER	Y.BEH180.1010
11	VESSEL BEARING	Y.BEH180.1011
12	VESSEL SHEETMETAL	Y.BEH180.1012
13	RESISTANCE CONNECTION SHEETMETAL	Y.BEH180.1013
14	VALVE	Y.BEH180.1014
15	OUTLET PLASTIC	Y.BEH180.1015

# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



BEH150 - BEH180 UPPER GLASS GROUP

# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING

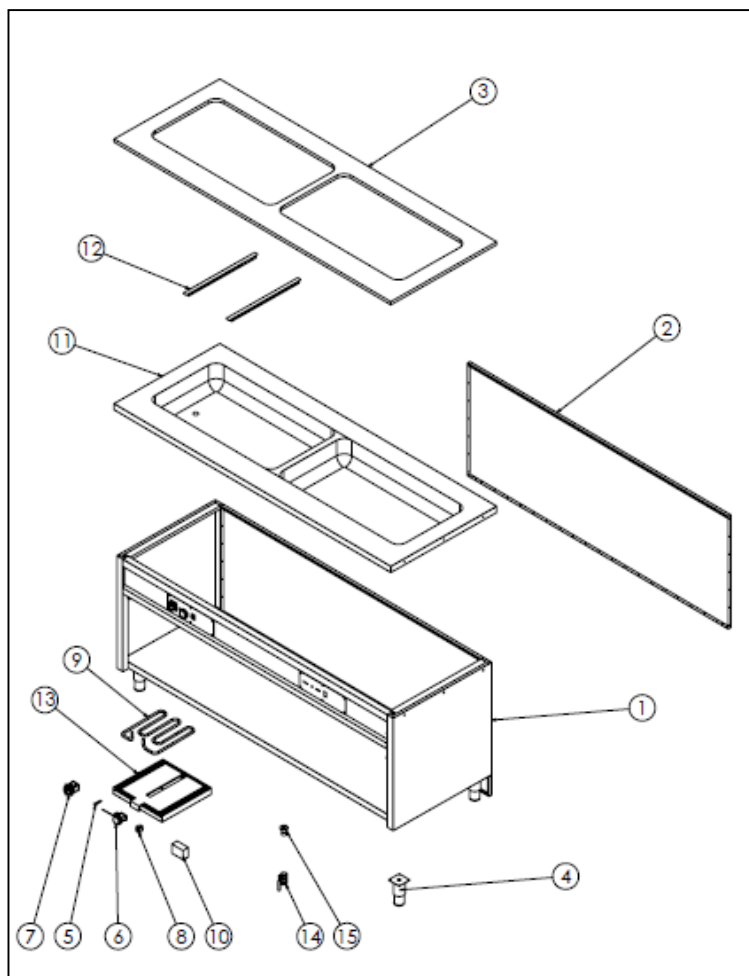
PRODUCT CODE: BEH150.USC.T		
NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BEH150.USC.T.1001
2	FRONT GLASS	Y.BEH150.USC.T.1002
3	GLASS SHELF	Y.BEH150.USC.T.1003
4	SIDE GLASS	Y.BEH150.USC.T.1004
5	TOP LAMP HOLDER	Y.BEH150.USC.T.1005
6	SHELF LAMP HOLDER	Y.BEH150.USC.T.1006
7	LED	Y.BEH150.USC.T.1007
8	SCREW LID	Y.BEH150.USC.T.1008
9	PIPE LID	Y.BEH150.USC.T.1009
10	GLASS HOLDER	Y.BEH150.USC.T.1010
11	PIPE	Y.BEH150.USC.T.1011

PRODUCT CODE: BEH180.USC.T		
NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BEH180.USC.T.1001
2	FRONT GLASS	Y.BEH180.USC.T.1002
3	GLASS SHELF	Y.BEH180.USC.T.1003
4	SIDE GLASS	Y.BEH180.USC.T.1004
5	TOP LAMP HOLDER	Y.BEH180.USC.T.1005
6	SHELF LAMP HOLDER	Y.BEH180.USC.T.1006
7	LED	Y.BEH180.USC.T.1007
8	SCREW LID	Y.BEH180.USC.T.1008
9	PIPE LID	Y.BEH180.USC.T.1009
10	GLASS HOLDER	Y.BEH180.USC.T.1010
11	PIPE	Y.BEH180.USC.T.1011



# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



BEH210

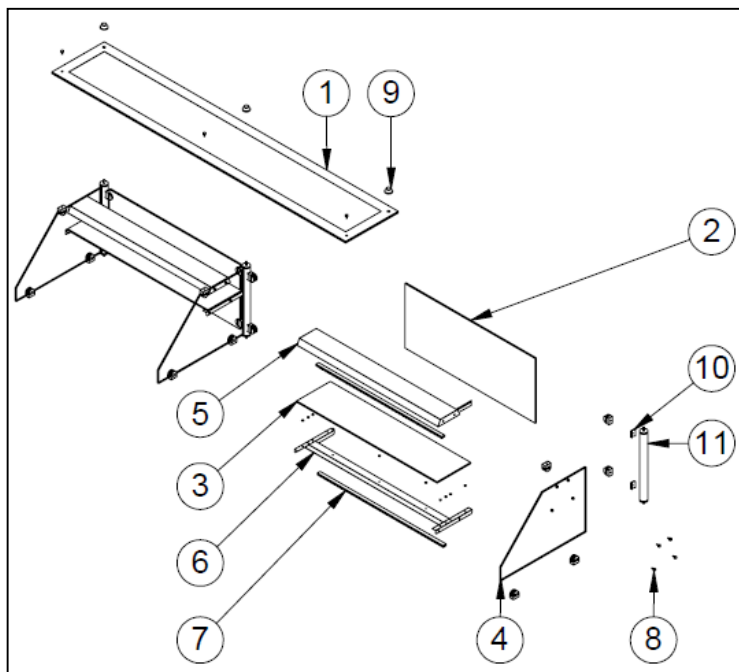
# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING

PRODUCT CODE: BEH210		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BEH210.1001
2	FRONT WOOD	Y.BEH210.1002
3	GRANIT	Y.BEH210.1003
4	FET	Y.BEH210.1004
5	WARNING LAMP	Y.BEH210.1005
6	THERMOSTAT	Y.BEH210.1006
7	SWITCH	Y.BEH210.1007
8	SWITCH (ON-OFF)	Y.BEH210.1008
9	RESISTANCE	Y.BEH210.1009
10	LED TRANSFORMER	Y.BEH210.1010
11	VESSEL BEARING	Y.BEH210.1011
12	VESSEL SHEETMETAL	Y.BEH210.1012
13	RESISTANCE CONNECTION SHEETMETAL	Y.BEH210.1013
14	VALVE	Y.BEH210.1014
15	OUTLET PLASTIC	Y.BEH210.1015

# BAIN MARIE SERVICE UNITS

## G SPARE PART LIST-EXPLODING DRAWING



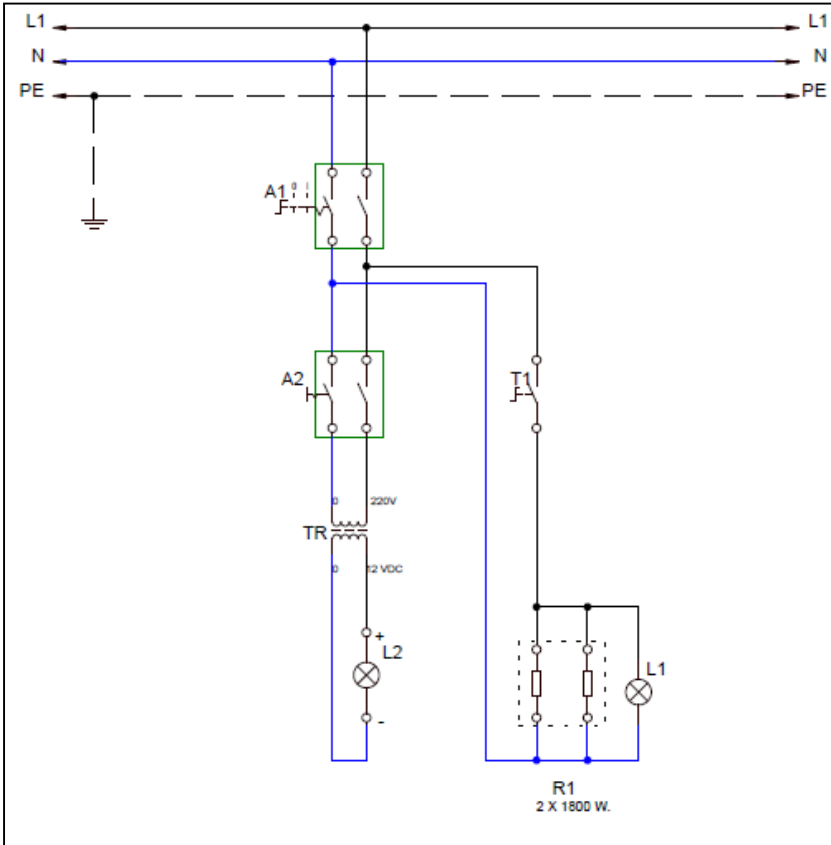
### PRODUCT CODE: BEH210.USC.T

NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BEH210.USC.T.1001
2	FRONT GLASS	Y.BEH210.USC.T.1002
3	GLASS SHELF	Y.BEH210.USC.T.1003
4	SIDE GLASS	Y.BEH210.USC.T.1004
5	TOP LAMP HOLDER	Y.BEH210.USC.T.1005
6	SHELF LAMP HOLDER	Y.BEH210.USC.T.1006
7	LED	Y.BEH210.USC.T.1007
8	SCREW LID	Y.BEH210.USC.T.1008
9	PIPE LID	Y.BEH210.USC.T.1009
10	GLASS HOLDER	Y.BEH210.USC.T.1010
11	PIPE	Y.BEH210.USC.T.1011

BEH210 UPPER GLASS GROUP

# BAIN MARIE SERVICE UNITS

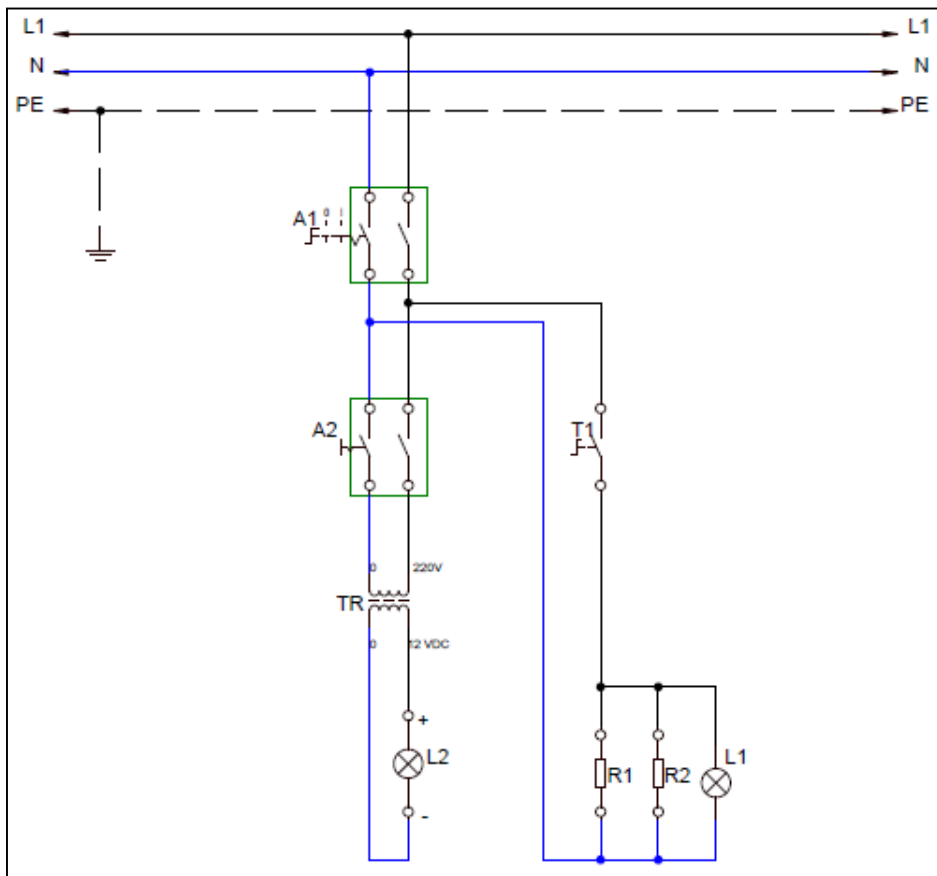
## H ELECTRIC CIRCUIT SCHEMA



BEH80 –BEH125

A2	T1	TR	L1	L2	R1	A1
Large lighted 0-1 switch	Thermostat 30-90°C	LED transformer 220/12 VDC.5A	Thermostat lamp	Lighting led	Resistance	0-1 ON/OFF switch 16A

# BAIN MARIE SERVICE UNITS

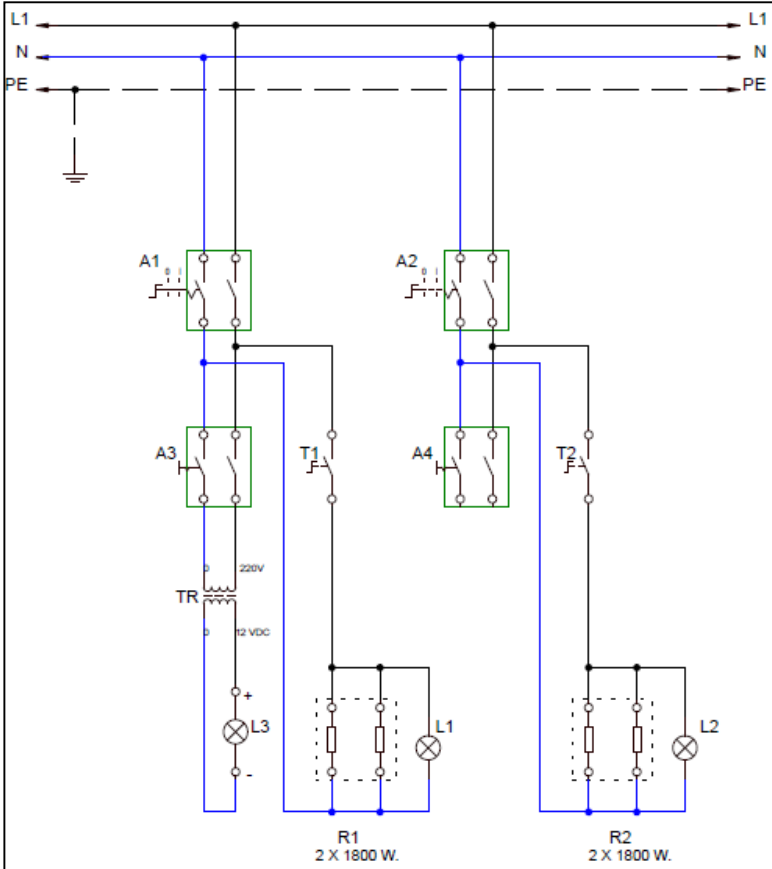


BEH150- BEH180

A2	T1	TR	L1	L2	R1.R2.	A1
Large lighted 0-1 switch	Thermostat 30-90°C	LED transformer 220/12 VDC.5A	Thermostat Lamp	Lighting led	Resistance	0-1 ON/OFF Switch 16A

# BAIN MARIE SERVICE UNITS

## H ELECTRIC CIRCUIT SCHEMA



BEH210

A3-A4	T1-T2	L1-L2	L3	R1.R2.	A2-A3
Large lighted 0-1 switch	Thermostat 30-90°C	Thermostat lamp	Lighting led	Resistance	0-1 ON/OFF Switch 16A