



**STEP UP TO THE PLATE**



**CONTENDER HEATED BUFFET CARVERY**

**4 X I-1 GN SIZE**

**HDB001**

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# I. AIMS AND SCOPE






DESCRIPTIONS FOR SAFE USE AND MAINTENANCE OF THE PRODUCT




## 2. RESPONSIBILITIES

**RESPONSIBILITIES OF PRODUCT'S OWNER:** THE PRODUCT'S OWNER IS RESPONSIBLE FOR APPLYING OF SAFETY RULES STATED IN THIS INSTRUCTION MANUAL OR GETTING THEM APPLIED BY DELEGATING HIS AUTHORITIES AND RISKS, WHICH MAY ARISE DUE TO NOT APPLYING. THE PRODUCT'S OWNER IS ALSO RESPONSIBLE FOR THE PERIODICAL MAINTENANCE OF THE MACHINE.

**RESPONSIBILITIES OF THE MANUFACTURER:** THE MANUFACTURER IS RESPONSIBLE FOR THE RISKS DUE TO MANUFACTURING AND ASSEMBLING FAULTS, EVEN THOUGH ALL REQUIREMENTS STATED IN THIS MANUAL HAVE BEEN FULFILLED.

## 3. SIGNS

	<b>WARNING:</b> THIS SIGN INDICATES THAT IT MUST BE COMPLIED WITH THE INSTRUCTIONS RELATED TO THE SUBJECT; OTHERWISE, THE RISKY CONDITIONS, IN WHICH THERE CAN OCCUR SOME DAMAGES AND DANGERS
	<b>CAUTION:</b> THIS SIGN INDICATES ANY RISKY CONDITIONS, WHICH CAN CAUSE DAMAGES IN MATERIAL AND INJURING OF PEOPLE, PROVIDED THAT ONE DOES NOT PAY ATTENTION AND STATES THAT ONE MUST BE CAREFUL
	<b>WARNING:</b> THIS SIGN INDICATES THAT IT MUST BE COMPLIED WITH THE INSTRUCTIONS RELATED TO THE SUBJECT; OTHERWISE, THE RISKY CONDITIONS, IN WHICH THERE CAN OCCUR SOME DAMAGES AND DANGERS
	<b>DANGER:</b> THIS SIGN INDICATES HIGH RISKY CONDITIONS IN WHICH THE PEOPLE CAN BE INJURED OR CAN DIE DUE TO ELECTRICAL SHOCK.
	<b>EQUIPOTENTIAL CONNECTION TERMINAL</b> (IF NECESSARY, IT MUST BE CONNECTED TO OTHER EQUIPMENT TO MAKE EQUAL THE POTENTIAL)

<b>A</b>				
<b>B</b>	Mod:	SN:		<b>F</b>
<b>C</b>	Volt:	Gas: gr	Class:	
<b>D</b>	P(H <sub>2</sub> O) = ( ) x101 kPa ( Bar)	MADE IN  		<b>G - H</b>
<b>E</b>	Kw:	IPX	TURKEY	
	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>

- A** COMPANY INFORMATION
- B** MODEL
- C** ENERGY
- D** PRESSURE
- E** POWER
- F** SERIAL NUMBER\*
- G** CONSUMPTED GAS AND AMOUNT

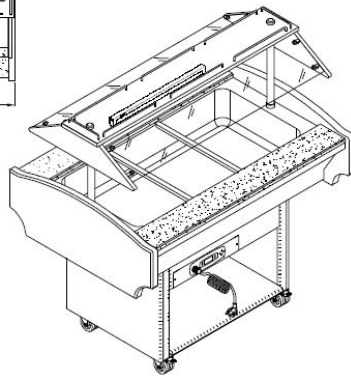
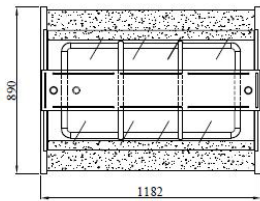
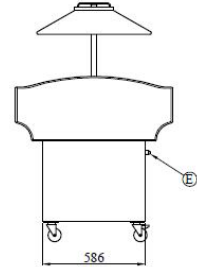
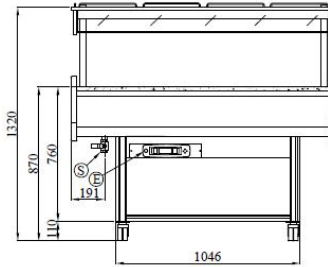
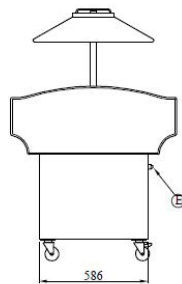
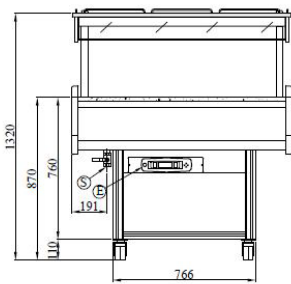
- H** CLASS
- J** IP CLASS
- K** PRODUCTION LOCATION
- L** CE SIGN
- M** WEEE SIGN

\* FIRST THREE NUMBERS ARE GROUP CODES. 4TH AND 5TH NUMBERS ARE YEAR OF PRODUCTION. 6TH & 7TH NUMBERS ARE THE MONTH OF PRODUCTION. 8TH, 9TH & 10TH NUMBERS ARE THE SERIAL NUMBER.

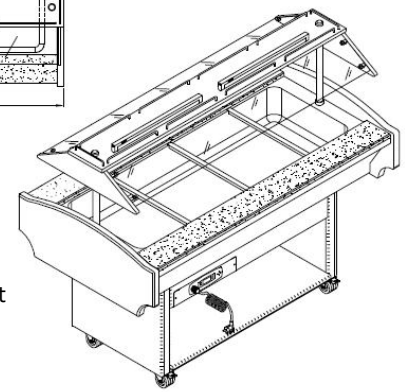
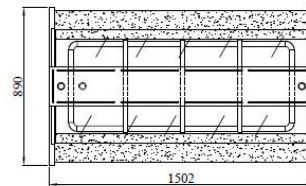
# 4. TECHNICAL DATA

3 x 1/1 GN Pan size

HDB001

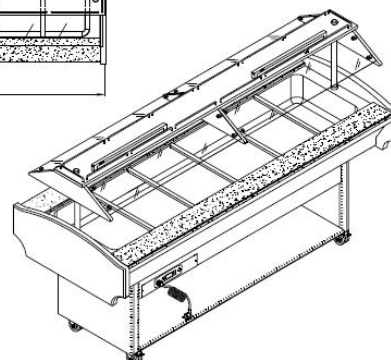
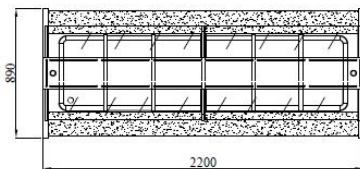
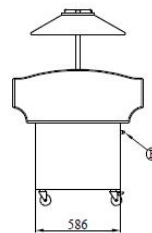
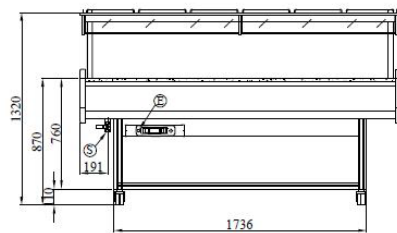


E - Power Cable Inlet  
S - Whater Outlet



E - Power Cable Inlet  
S - Whater Outlet





6 x 1/1 GN Pan size











E - Power Cable Inlet  
S - Whater Outlet

MODEL	DIMENSION (MM)	ENERGY	POWER (W)	POWER SUPPLY	CABLE (MM <sup>2</sup> )	GROSS KG	GROSS M3
3 X I/I GN PAN SIZE	1190 X 900 X 870 X 1320	ELECTRIC	2013	220-230V, 50HZ	3X1,5	143	1,60
HBDOOI	1520 X 900 X 870 X 1320	ELECTRIC	3026	220-230V, 50HZ	3X1,5	172	2,03
6 X I/I GN PAN SIZE	2180 X 900 X 870 X 1320	ELECTRIC	4026	220-230V, 50HZ	3X2,5	246	2,97

## 5. TRANSPORT & INSTALLATION

	<b>DURING TRANSPORTATION, TAKE NECESSARY PRECAUTIONS AGAINST THE RISK OF THE PRODUCT FALLING DOWN AND BEING TURNED UPSIDE DOWN.</b>
	<b>PLACE THE PRODUCT ONTO A FLAT AND SOLID GROUND.</b>
	<b>DO NOT INSTALL THE PRODUCT NEAR THE FLAMMABLE AND EXPLOSIVE MATERIALS AND DO NOT KEEP ANY FLAMMABLE AND EXPLOSIVE MATERIAL NEAR THE FURNACE, WHILE IT IS WORKING.</b>
	<b>KEEP A FIRE EXTINGUISHER NEAR THE FURNACE AND CHECK WHETHER THE PERIODICAL CHECKING OF THE FIRE EXTINGUISHER HAS BEEN IMPLEMENTED OR NOT.</b>

## 6. GENERAL PRINCIPLES

-  OPERATION OF ELECTRICAL CONNECTION AND SERVICE MUST BE PERFORMED BY A TECHNICAL STAFF WHO HAD EARLIER NECESSARY EDUCATION ABOUT BOTH FIRST INSTALLATION AND MAINTENANCE
-  DISCONNECT DEVICE IS CONDUCTED BY DISCONNECTING THE ENERGY CACKLES FROM THE ENERGY SOURCE OR SWITCHING OFF THE MAIN SWITCH
-  IT IS DEEMED THAT THE USERS HAVE ACCEPTED TO CONFORM TO THE RULES STATED IN INSTRUCTION MANUALS AND THEIR PRODUCTS WILL BE OUT OF GUARANTEE SCOPE, UNLESS THEY CONFORM THESE RULES.
-  THE USERS ARE RESPONSIBLE FOR EVERY SORT OF ABSTRACT AND TANGIBLE CASES, WHICH CAN ARISE IN CASE OF NOT CONFORMING TO THE RULES STATED INSTRUCTION MANUAL.
-  DO NOT PUT ANY LIVING ON THE DEVICES. DEVICE MUST BE USED TO THE PURPOSE.
-  CHILDREN AND UNAUTHORISED PERSONS ARE NOT ALLOWED TO USE THE DEVICE.
-  ALL CLEANING OPERATIONS OF THE PRODUCT MUST BE DONE AFTER SWITCHING OFF THE ELECTRICAL CONNECTIONS OF THE DEVICES.
-  THE PRODUCT MUST NOT BE OPERATED IN ANY WAY WITHOUT FIRST COMPLETING A GROUNDING INSTALLATION WHICH COMPLIES WITH THE STANDARDS AND IS ADEQUATE, WITHOUT MOUNTING LEAK CURRENT RELAY AND FUSE GROUPS TO THE CONTROL PANEL SUPPLYING ELECTRICAL ENERGY

- i** WHILE THE DEVICE IS WORKING, DO NOT OPEN IN ANY WAY THE COVER OF THE DEVICE WITH COVER.
- i** DO NOT WASH IN NO WAYS THE ELECTRICAL DEVICE BY POURING WATER ON THEM. CLEANING MUST BE DONE BY WIPING THE DEVICE, AFTER SWITCHING OFF THE ENERGY.
- i** AVOID USING ANY ABRASIVE OR HARSH TOOLS FOR CLEANING.
- i** ALL SAFETY CHECKING HAS BEEN PERFORMED. ALL TESTS HAVE BEEN IMPLEMENTED RELATED TO THE PRODUCT AND THE PRODUCT IS IN ACTIVE.
- i** USE RUBBER GLOVES DURING CLEANING AND MAINTENANCE.
- i** DO NOT REMOVE THE LABEL OF THE DEVICES AND WARNING LABELS
- i** DESCRIPTION CATALOGUE, COMING TOGETHER WITH THE DEVICE.
- i** THE SUPPLIER RESERVES THE RIGHT TO MAKE CHANGES RELATED TO THE EVERY KIND OF IMPROVEMENT, IF IT IS NECESSARY.
- i** THE ELECTRIC CONNECTION MUST BE DISCONNECTED BEFORE CHANGING THE LAMP
- i** THE POWER CORD MUST BE MIN. H05RN-F TYPE.
- i** THE CABLE DIAMETER MUST BE MIN. : 3 X I/I GN PAN SIZE / HDB004: 3X1,5 MM2 , 6 X I/I GN PAN SIZE : 3X2,5 MM2
- i** THE GROUNDING LINE MUST BE CONTINUOUSLY CHECKED.
- i** WATER LEVEL : MAX. LEVEL : 2 POINTS , MIN LEVEL : 1 POINTS

## **7. INFORMATION & EQUIPMENT RELATED TO THE PRODUCT**

### **A. DESCRIPTION CATALOGUE**

### **B. USER/MAINTENANCE/ASSEMBLING MANUAL**

DEAR CUSTOMER, PLEASE CHECK THE ABOVE WRITTEN AUXILIARY EQUIPMENT TO BE GIVEN WITH THE MACHINE ON DELIVERY. IF YOU NOTICE ANY DAMAGE OR LOSS OCCURRED DURING THE TRANSPORTATION THEN YOU SHOULD REQUEST THE TRANSPORTER TO ISSUE ANY WRITTEN REPORT INCLUDING THE RELEVANT DAMAGE OR LOSS.

## 8. DESCRIPTION OF THE DEVICE WITH EXPLANATIONS

- THE DEVICE HAS BEEN ENTIRELY MANUFACTURED IN ACCORDANCE WITH HYGIENIC STANDARDS.
- OUTSIDE, INSIDE AND ALL SURFACES CONTACTING TO THE FOOD OF THE DEVICE HAVE BEEN MANUFACTURED COMPLETELY AISI 304 (CR-NI 18/10) STAINLESS STEEL MATERIAL.
- THE LEGS ARE IN ADJUSTABLE FEATURE AND MANUFACTURED BY STAINLESS STEEL MATERIAL.
- FOR THE INSULATION PURPOSES, GLASS- WOOL AND STONE–WOOL HAVE BEEN USED. THANKS TO THIS APPLICATION, ENERGY WASTAGE CAN BE PREVENTED
- ELECTRICAL OPERATED DEVICES HAVE BEEN SECURED COMPLETELY BY MEANS OF THERMAL AND ELECTRICAL RELAYS.
- ACCESSES TO CONTROL PANEL, MAINTENANCE AND CHECKING HAVE BEEN FACILITATED.
- ELECTRICAL COMPONENTS AND CABLE ARE COMPLIED WITH THE RELEVANT STANDARDS.

## 9. REPLACING THE DEVICE AND PREPARING FOR START UP

### INSTALLATION BEFORE ASSEMBLING



OPEN THE PACKING OF THE DEVICE AND REMOVE ALL PROTECTIVE TAPES.



OPENING THE COVER OF THE DEVICE, TAKE OUT THE INSTRUCTION MANUAL.



PLACE THE DEVICES WITH ADJUSTABLE LEGS BY ADJUSTING THEIR LEGS AND THE DEVICE WITH FIXED LEGS BY ALIGNING THE GROUND.



MAKE THE GROUNDING CONNECTION THOROUGHLY.



BE SURE THAT THE ENERGY IS BEING SUPPLIED.



AUTHORISED AND CERTIFICATED PEOPLE MUST MAKE ALL THESE CONNECTIONS.



NOW, YOUR DEVICE IS READY FOR USE.

### PREPARATION FOR START UP



ASSUMING THAT ELECTRICAL INSTALLATION CONNECTIONS HAVE ALREADY MADE BY COMPETENT TECHNICIANS, THE USER MUST IMPLEMENT THE FOLLOWING SIMPLE INSPECTIONS.



BE SURE THAT IN ELECTRICAL OPERATED DEVICES, THE ELECTRICITY CURRENT HAS BEEN SUPPLIED IN ADEQUATE FEATURES AS STATED IN TECHNICAL DATA AND GROUNDING CONNECTION HAS BEEN COMPLETED.



READ THE INSTRUCTION AND MAINTENANCE MANUAL THOROUGHLY.

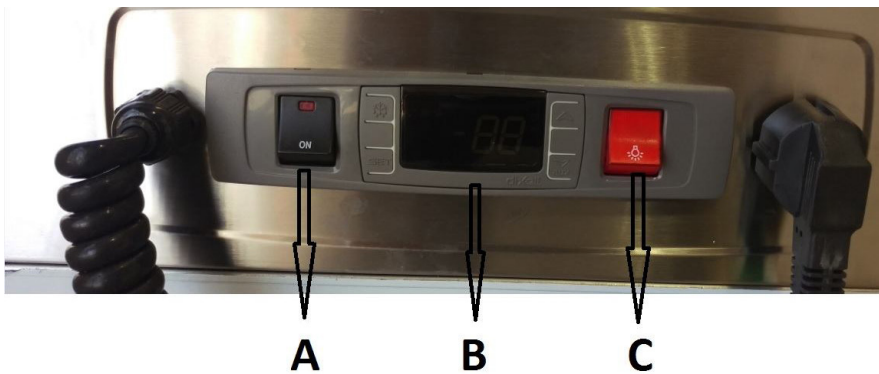
## FINAL CHECK BEFORE START UP

- i** THE USERS SHOULD FULFILL THE FOLLOWING LAST-CONTROLS BY ACCEPTING THE REQUIRED COUPLINGS OF FRESH WATER, ELECTRIC, WASTEWATER , INSTALLATIONS TO BE CARRIED OUT BY THE AUTHORIZED TECHNICIANS;
- i** YOU MUST BE SURE THAT THE POWER SUPPLY AND GROUNDING INSTALLATION ARE ENSURED AS REQUIRED IN LEAFLETS OF ELECTRICAL EQUIPMENT.
- i** YOU MUST BE SURE THAT THE FEEDING WATER HAS BEEN INSTALLED AND THE WATER VANE IS TURNED ON.
- i** YOU MUST BE SURE THAT THE WASTEWATER INSTALLATION WAS DONE PROPERLY AND DISCHARGING HOSE WAS COUPLED WITH DISCHARGING PIPE TIGHTLY.

## 10. START UP

- i** THE FIGURES OF CONTROL PANEL ON THE DEVICES HAVE BEEN SHOWN. ACCORDING TO THESE FIGURES, AS EARLIER MENTIONED, THE DEVICE, WHOSE ELECTRICAL CONNECTION WAS MADE FULLY AND CORRECTLY, IS OPERATED BY PUSHING ON ON/OFF SWITCH
- i** ADJUST THE THERMOSTAT TO THE DESIRED TEMPERATURE.
- i** WHILE THE DEVICES ARE IN OPERATION, DO NOT KEEP BURNING MATERIAL (PLASTIC BAGS, TABLE NAPKIN, CLOTHE ETC.) NEAR THEM.

## CONTROL PANEL

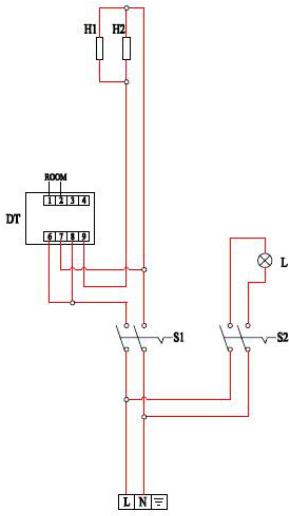


- A ON/OFF SWITCH
- B DIGITAL THERMOMETER
- C LIGHTING SWITCH



# II. ELECTRICAL DIAGRAM

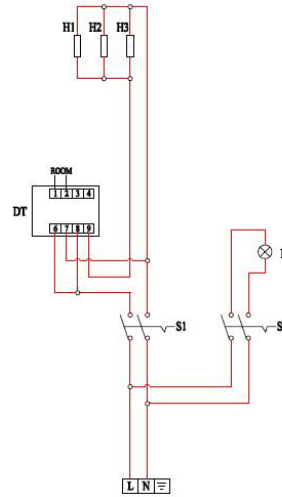
**3 x 1/1 GN Pan size**



DT - DIGITAL THERMOSTAT  
 S1 - ON OFF SWITCH  
 S2 - LAMP SWITCH  
 H - HEATER 2x1000W  
 L - LIGHTING ELEMENT 10W

220V 50Hz

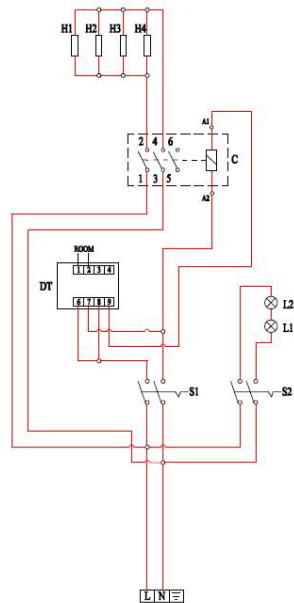
**HDB001**



DT - DIGITAL THERMOSTAT  
 S1 - ON OFF SWITCH  
 S2 - LAMP SWITCH  
 H - HEATER 3x1000W  
 L - LIGHTING ELEMENT 14W

220V 50Hz

**6 x 1/1 GN Pan**



DT - DIGITAL THERMOSTAT  
 S1 - ON OFF SWITCH  
 S2 - LAMP SWITCH  
 H - HEATER 4x1000W  
 L - LIGHTING ELEMENT 2x10W  
 C - CONTACTOR (25A)

220V 50Hz

## 12. MAINTENANCE & CLEANING

IMPLEMENT THE FOLLOWING ROUTINE MAINTENANCE PROCEDURES TO ENSURE THE PRODUCT OPERATES SAFELY AND MAINTAINS A LONG LIFESPAN:

### DAILY MAINTENANCE & CLEANING



DEVICE MUST BE CLEANED EVERY DAY AFTER USE, AFTER BEING SURE THAT IT IS COMPLETELY COOLED DOWN.



CLEANING MUST BE MADE BY A CLEAN WET CLOTH BY WIPING THE DEVICE. IT IS RECOMMENDED THAT STAINLESS STEEL SURFACES SHOULD BE WIPED BY INOX CLEANERS.

### WEEKLY MAINTENANCE & CLEANING



DURING CLEANING, DO NOT USE SHARP EDGED, CUTTING AND DRILLING TOOLS SUCH AS SCRAPER, EMERY IN NO WAY.



CLEANING MUST NOT BE DONE BY SPRAYING THE WATER ONTO THE DEVICE IN NO WAY.



IF THE DEVICE IS USED TOGETHER WITH ANOTHER DEVICE SIDE BY SIDE, BOTH DEVICES MUST BE CLEANED PARTING THEM FROM THEIR JOINTED PLACES WITHOUT DAMAGING THE ELECTRICAL CONNECTIONS.

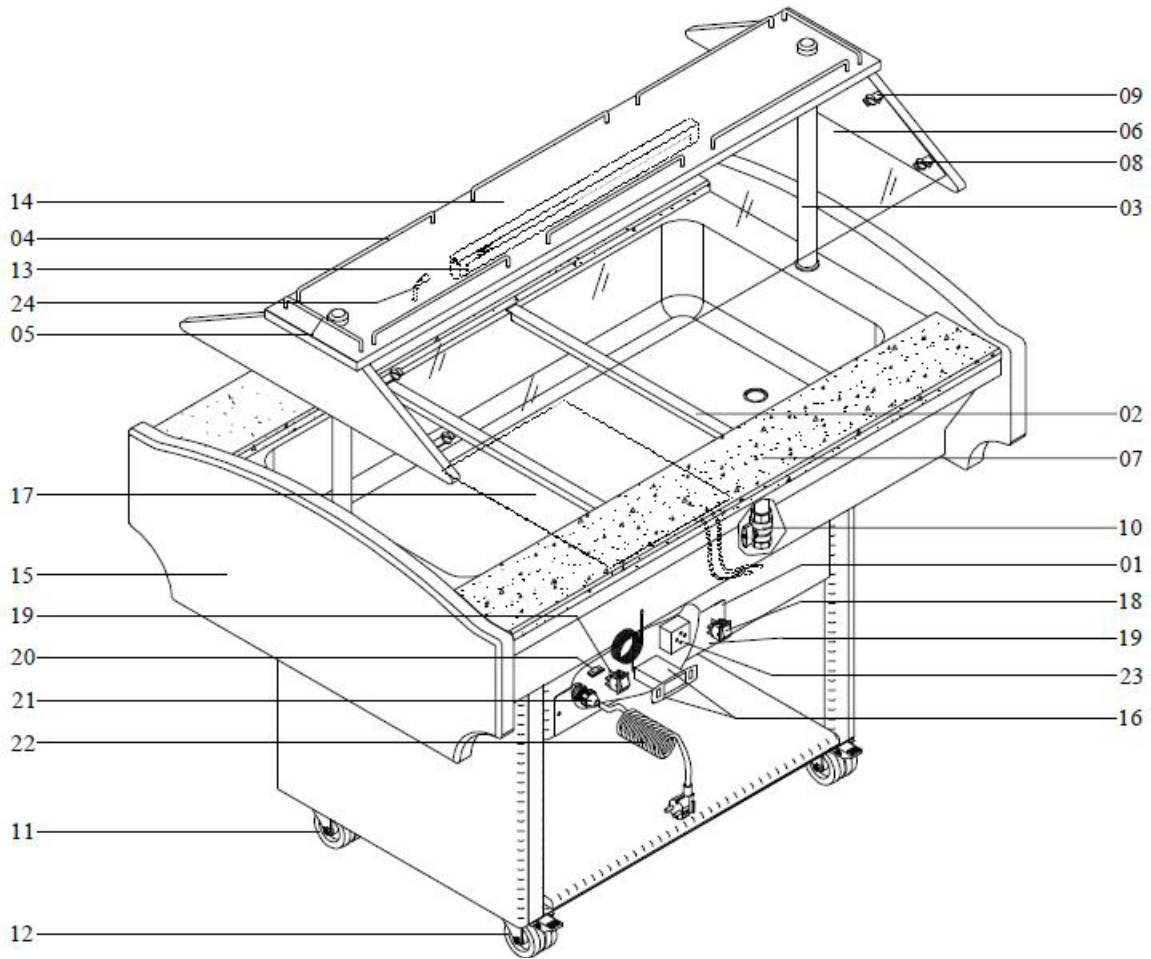
## 13. INTERVENTION AFTER FAILURE

### FAILURES / CAUSES

THERE IS NO HEATING.:

- 1) BE SURE THAT THE ENERGY SUPPLIED TO THE DEVICE.
- 2) BE SURE THAT THE O-I SWITCH IS IN OPEN POSITION.
- 3) BE SURE THAT THE THERMOSTAT IS OPEN.

# 14. SPARE PARTS LIST



NO	DESCRIPTION	NO	DESCRIPTION
01	Control Pnel	13	Led Ligthing
02	Container Holder	14	Top Shelf
03	Top shelf Holder	15	Side Panel
04	Top railing Long	16	Digitale Thermostate
05	Top railing Short	17	Silicone Heater
06	Glass	18	0-1 Ligth Switch
07	Granite	19	0-1 Switch
08	Glass fixing Screws	20	Cable Holder
09	Glass Holder	21	Cable Gland
10	Drain Valve	22	Cable with Plug
11	Castor	23	Plug Holder
12	Castor /w break	24	Ligthing Cable

CONTENDER HEATED BUFFET CARVERY 4 X 1-1 GN SIZE · SKU: HDB001



**STEP UP TO THE PLATE**