



STEP UP TO THE PLATE



CONTENDER HEATED DISPLAY COUNTER

4 X 1-1/2 GN SIZE TOP WITH GLASS SURROUND & LIGHTING

HDB004

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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

	WARNING: 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
	CAUTION: 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
	WARNING: 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
	DANGER: THIS SIGN INDICATES HIGH RISKY CONDITIONS IN WHICH THE PEOPLE CAN BE INJURED OR CAN DIE DUE TO ELECTRICAL SHOCK.
	EQUIPOTENTIAL CONNECTION TERMINAL (IF NECESSARY, IT MUST BE CONNECTED TO OTHER EQUIPMENT TO MAKE EQUAL THE POTENTIAL)

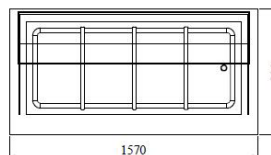
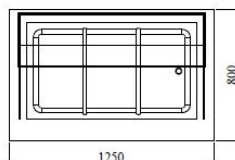
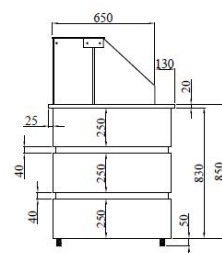
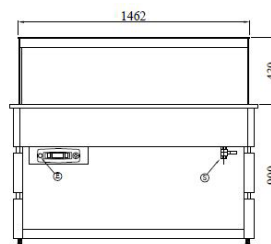
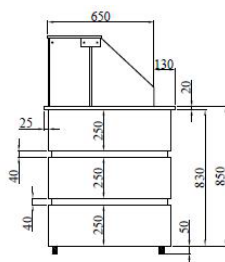
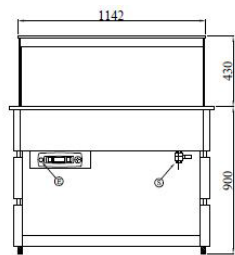
A				
B	Mod:	SN:		
C	Volt:	Gas:	gr	Class:
D	P(H ₂ O) = () x101 kPa (Bar)	MADE IN		
E	Kw:	IPX	TURKEY	
	J	K	L	M

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

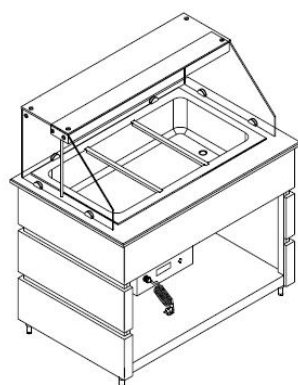
- H CLASS
- J IP CLASS
- K PRODUCTION LOCATION
- L CE SIGN
- M WEEE SIGN

* 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.

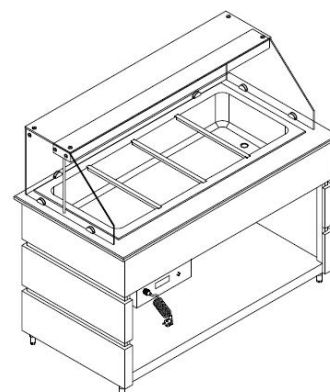
4. TECHNICAL DATA



E - Power Cable Inlet
S - Whater Outlet

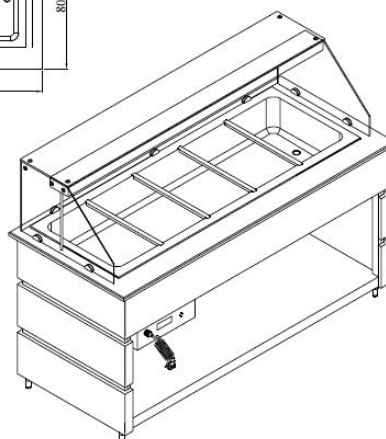
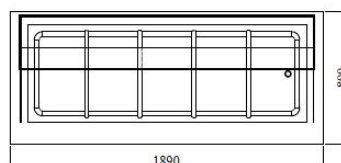
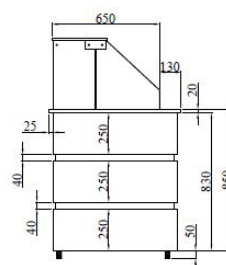
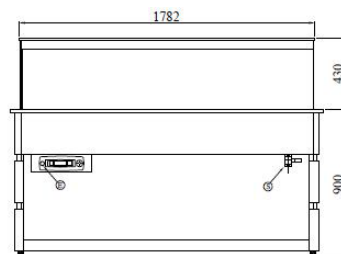


E - Power Cable Inlet
S - Whater Outlet



HDB004





3 x 1/1 GN Pan size











E - Power Cable Inlet
S - Whater Outlet














MODEL	DIMENSION (MM)	ENERGY	POWER (W)	POWER SUPPLY	CABLE (MM ²)	GROSS KG	GROSS M3
3 X I/I GN PAN SIZE	1250 X 800 X 1355	ELECTRIC	2016	220-230V, 50HZ	3X1,5	121	0,96
HBD004	1570 X 800 X 1355	ELECTRIC	3024	220-230V, 50HZ	3X1,5	145	1,20
5 X I/I GN PAN SIZE	1890 X 800 X 1355	ELECTRIC	3032	220-230V, 50HZ	3X1,5	188	1,42

5. TRANSPORT & INSTALLATION

	DURING TRANSPORTATION, TAKE NECESSARY PRECAUTIONS AGAINST THE RISK OF THE PRODUCT FALLING DOWN AND BEING TURNED UPSIDE DOWN.
	PLACE THE PRODUCT ONTO A FLAT AND SOLID GROUND.
	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.
	KEEP A FIRE EXTINGUISHER NEAR THE FURNACE AND CHECK WHETHER THE PERIODICAL CHECKING OF THE FIRE EXTINGUISHER HAS BEEN IMPLEMENTED OR NOT.

6. GENERAL PRINCIPLES

-  THE USERS AGREE AND ACCEPT TO BE IN CONFORMITY WITH ALL REQUIREMENTS INCLUDED IN USING MANUAL, OTHERWISE THE MACHINE SHALL BE DEEMED OUT OF GUARANTEE COVERAGE.
-  THE USER ALSO ACCEPTS THAT HE/SHE WAS FULLY INFORMED ABOUT THE LIMITED GUARANTEE LIABILITY.
-  ANY LIVING BODY OR ANY OBJECT SHOULD NOT BE PLACED ON MACHINES. IN ADDITION, ANY LIVING BODY SHOULD NOT BE PUT INSIDE THE MACHINES.
-  IT SHOULD NOT BE ALLOWED THE CHILDREN OR ANY OTHER UNAUTHORIZED PERSONS TO OPERATE THE MACHINES.
-  ANY ELECTRICAL OPERATING MACHINES SHOULD BE CLEANED AFTER THE REQUIRED ELECTRICAL CONNECTIONS SWITCHED OFF.
-  THE ELECTRICAL PRODUCTS SHOULD NEVER BE OPERATED IF ANY SUFFICIENT GROUNDING INSTALLATION HAD NOT BEEN PRACTICED IN ADDITION; THE LEAK CURRENT RELAY AND FUSE GROUPS HAD NOT BEEN INSTALLED IN CONTROL BOX SUPPLYING THE ELECTRICAL ENERGY TO THE MACHINE.
-  THE COVER OF ANY MACHINE SHOULD NOT BE OPENED DURING THE PERIOD OF WORKING.
-  BE CAREFUL NOT TO TRAP YOUR HANDS WHILE CLOSING THE COVERS.

-  THE MACHINES AND COVERS SHOULD NOT BE TREATED AS STEP OR LADDER IN ANY CASE.
-  THE ELECTRICAL DEVICES SHOULD NEVER BE WASHED IN THE MANNER OF SPRAYING WATER. THEY SHOULD BE CLEANED BY MEANS OF RUBBING AFTER SWITCHING THE POWER OFF THE POWER HAD BEEN SWITCHED OFF.
-  AVOID USING ANY ABRASIVE OR HARSH TOOLS FOR CLEANING.
-  THIS MANUAL VERIFIES ALL MACHINES WERE TESTED AND THE REQUIRED SECURITY CONTROLS WERE DONE IN DUE DILIGENCE SO DELIVERED UNDER OPERATING CONDITIONS.
-  USE RUBBER GLOVES DURING THE CLEANING AND MAINTENANCE PRACTICES PROCEDURES
-  DO NOT REMOVE THE LABELS AND PANELS OF THE DEVICES.
-  IN ORDER TO ENSURE EFFICIENT OPERATION OF THE MACHINES INCLUDING ELECTRICAL WATER HEATING PROCESS AND TO MINIMISE THE ENERGY COSTS, YOU SHOULD PROVIDE THE MACHINE WITH 50 °C WATER. IN ADDITION, SOFTENED WATER UNDER 15 °FR HARDNESS SHOULD ALSO BE USED TO EXPAND THE LIFE OF YOUR MACHINES. IF YOU DO NOT HAVE SUCH REQUIRED SOFTENED WATER THEN YOU SHOULD USE A SEPARATE WATER SOFTENER DEVICE.
-  THE SUPPLIER RESERVES THE RIGHT TO MAKE ANY MODIFICATION OR AMENDMENTS PARTIALLY OR ENTIRELY ON ANY PART OF MACHINE, IF IT CONSIDERS NECESSARY OR BENEFICIAL OR TO BE IN FAVOR OF USER OR PRODUCT WITHOUT ANY PREVIOUS NOTIFICATION. BESIDES, THE PRODUCER GUARANTEES THAT THE FUNDAMENTAL FUNCTIONALITY AND SECURITY SPECIFICATIONS OF THE MACHINES SHOULD ALSO BE KEPT AS REQUIRED.
-  IN THE EVENT OF ANY FAULT, SWITCH OFF ALL ELECTRIC/WATER CONNECTIONS THEN APPLY TO THE AUTHORIZED SERVICE STAFF.
-  THE POWER CORD MUST BE MIN. H05RN-F TYPE.
-  THE CABLE DIAMETER MUST BE MIN. 3X1.5 MM²
-  THE GROUNDING LINE MUST BE CONTINUOUSLY CHECKED.
-  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 SUPPLIED.



AUTHORISED AND CERTIFICATED PEOPLE MUST MAKE ALL THESE CONNECTION.



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 COMPLEMENTED. .



READ THE INSTRUCTION AND MAINTENANCE MANUAL THOROUGHLY.

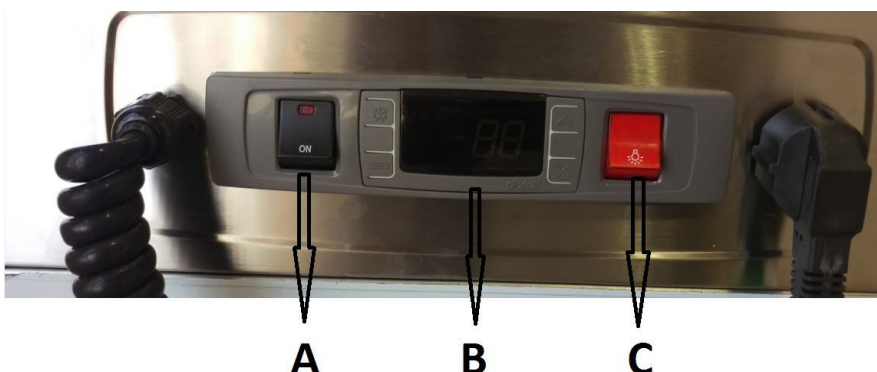
FINAL CHECK BEFORE START UP

- 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 TURNING ON CONTROL SWITCHES. (THERMOSTAT)
- i** “A” SWITCH (MAIN SWITCH) ON THE DEVICE, WHOSE ELECTRICAL CONNECTION WAS MADE, IS BROUGHT INTO “I” POSITION. THEN, ADJUSTING THE THERMOSTAT TO THE DESIRED TEMPERATURE.
- i** WHEN THE THERMOSTAT LAMP LIGHTS OFF, IT MEANS THAT THE HEATER HAS REACHED DESIRED TEMPERATURE
- i** WHILE THE DEVICES ARE IN OPERATION, DO NOT KEEP BURNING MATERIAL (PLASTIC BAGS, TABLE NAPKIN, CLOTHE ETC.) NEAR THEM.
- i** WHEN THE THERMOSTAT LAMP LIGHTS OFF, IT MEANS THAT THE HEATER HAS REACHED DESIRED TEMPERATURE
- i** DO NOT OPERATE THE DEVICE OUT OF THE LIQUID LEVELS WHICH ARE MENTIONED ON THE TABLE
- i** AFTER USING THE DEVICE, BRING ALL CONTROL SWITCHES IN TO “O” POSITION AND SWITCH OFF ELECTRIC ENERGY.
- i** WHILE DEVICE IS IN OPERATION, THE DEVICE, HEATER, TOP SIDE AND FRONT PANELS REACH TO HIGH TEMPERATURE. DO NOT TOUCH THESE PARTS.

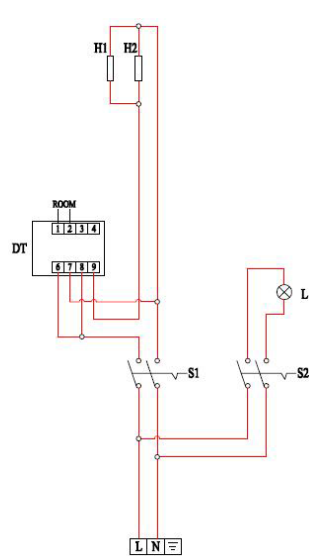
CONTROL PANEL



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

II. ELECTRICAL DIAGRAM

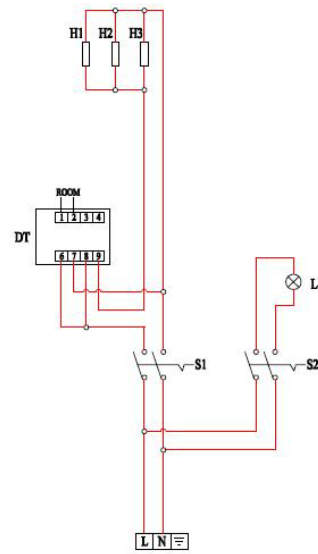
3 x 1/1 GN Pan size



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

220V 50Hz

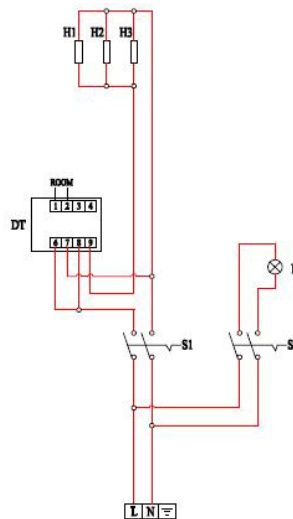
HDB004



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

220V 50Hz

5 x 1/1 GN Pan size



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

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

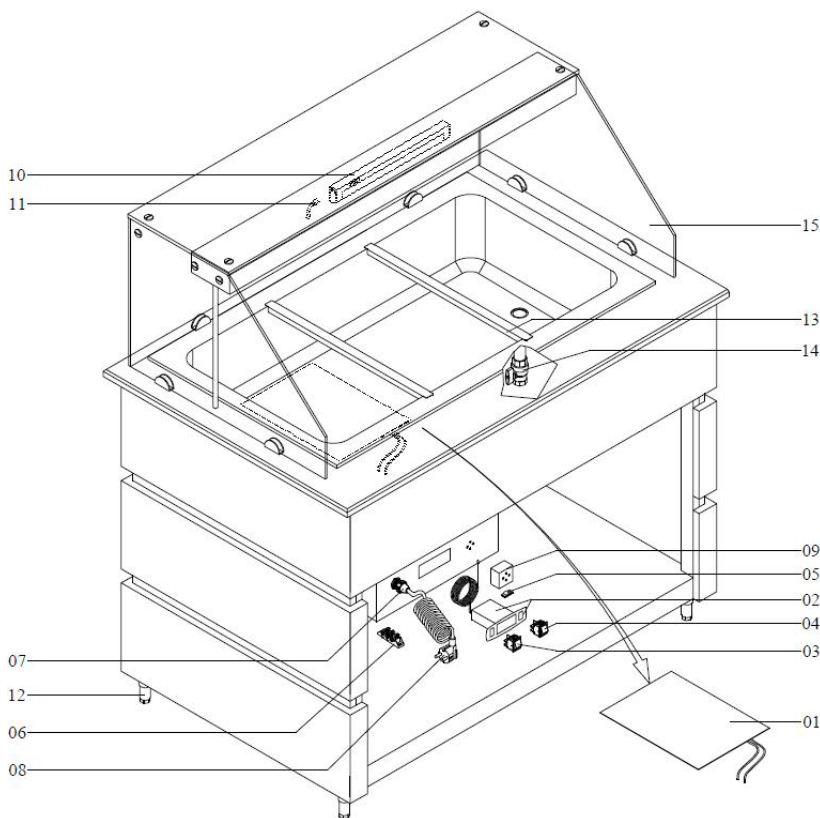
THERE IS NO HEATING.:

- 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. INSTALLATION INSTRUCTIONS

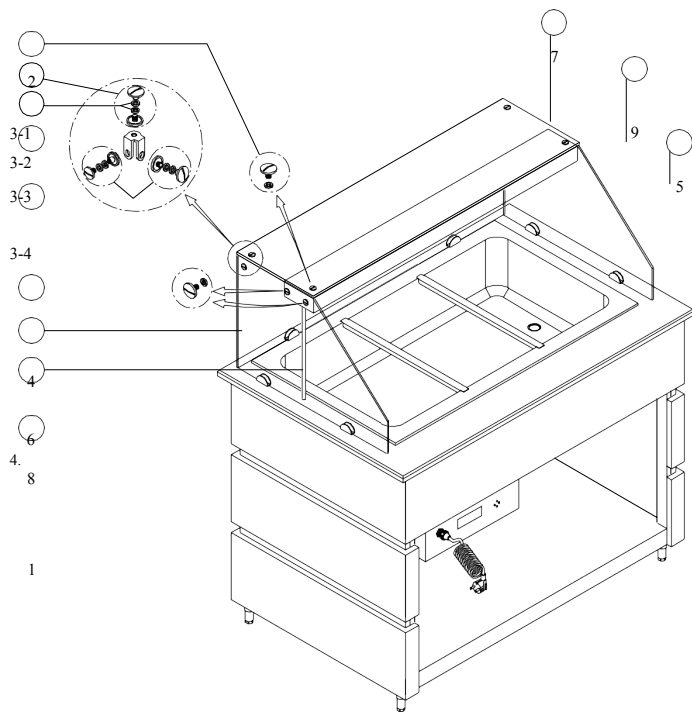
- 1) GLASS NO. 5 SHOULD BE INSTALLED ON GLASS BEARING NO. 1
- 2) GLASS NO. 6 & GLASS NO. 7 SHOULD BE CONNECTED WITH GLASS NO. 5 VIA NO. 3 CONNECTION SET ON GLASS BEARING NO. 1
- 3) LIGHTING NO. 9 SHOULD BE CONNECTED TO GLASS NO. 7 WITH BOLTS NO. 2 AND NO. 4
- 4) CABLE OF LIGHTING SHOULD BE FITTED TO THE COUNTER VIA CABLE TUBE NO.

15. SPARE PARTS LIST













NO	DESCRIPTION
01	Heating Element
02	Digital Thermostate
03	0-1 Switch
04	0-1 Lighting Switch
05	Cable Holder
06	Connector
07	Cable Gland
08	Cable with Plug
09	Plug Holder
10	Lighting Element
11	Lighting Cable
12	Foot
13	Container Holder
14	Butterfly Valve
15	Glass Case

MATERIALS FOR GLASS CASE MOUNTING



ACCESSORIES

1- GLASS BEARING		6 PCS
2- M6x20 BOLT		2 PCS
3-1 (M6x12) BOLT & NUT		2 PCS
3-2 GASKET		24 PCS
3-3 CORNER BRACKET		2 PCS
3-4 (M6x7) BOLT &NUT		4 PCS
M6x12 SPECIAL BOLT		4 PCS
5. GLASS 6 mm		2 PCS
6. GLASS 6mm		1 PCS
7. GLASS 10 mm		1 PCS

CONTENDER HEATED DISPLAY COUNTER 4 X 1-1/2 GN SIZE TOP WITH GLASS SURROUND & LIGHTING • SKU: HDB004



STEP UP TO THE PLATE