



USE AND MAINTENANCE

eptarefrigeration



DELIGHT LITE
DELIGHT PRIME

This manual was drafted in a simple and rational manner to allow you to fully understand your equipment. You are advised to read the content carefully and keep it with the equipment. The manufacturer cannot be held in any way liable for damage caused to people or property due to non-compliance with warnings contained in this manual.

Anyone using this equipment should read this user manual.

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SYMBOLS IN THE MANUAL

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Anyone using this equipment should read this user manual.



ATTENTION! - Information on operator safety for refilling and the intactness of the machine and products.



ATTENTION! - Descriptions relating to the manual in question.



DANGER! - Electrical powered parts



DANGER! - Danger of inflammability.



ATTENTION! - Operations should only be carried out by staff specializing in extraordinary maintenance and repairs.



ATTENTION! - Use forklifts, pallet trucks, with adequate characteristics, driven by qualified staff.

This appliance can be used by the children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

1. SAFETY

1.1 SAFETY WARNINGS FOR THE APPLIANCES USING R290 COOLING FLUID (PROPANE)



Propane is a natural gas that doesn't affect the environment but is flammable. It is therefore essential to ensure that all refrigerant pipes are not damaged before connecting the appliance to the mains supply.

Every 8 gr. of refrigerant, the installation room must have a 1 m³ minimum volume. The amount of refrigerant of the appliance is indicated on the rating plate of the device. In the event of leakage of the refrigerant, avoid using open flames or sources of ignition in the vicinity of the area of the leak. Be careful not to not damage the refrigerant circuit pipes during positioning, installation and cleaning.

Avoid using naked flames or sparks inside the appliance.



IN THE EVENT OF DAMAGE:

- Keep the appliance far from flames or ignition sources.
- Ventilate the room well for a few minutes.
- Switch off the equipment, remove the power supply plug.
- Inform customer service
- The higher the refrigerant content in the equipment, the larger the room must be hosting the equipment.
- In rooms that are too small, a mix of flammable air and gas can form in the event of a leak.



WARNING! Do not damage the refrigerant circuit.

WARNING! Do not damage the inner or outer walls of the appliance: the refrigerant fluid circuit may be damaged. In case of damage to the walls, do not start the appliance and contact a qualified service technician.



ATTENTION!

Maintenance must be carried out by technical staff trained and enabled for intervention on the flammable refrigerants.

1.2 USE

THE EQUIPMENT MUST ONLY BE USED TO CONSERVE, DISPLAY AND SELL ICE-CREAM MIXES IN SPECIFIC CONTAINERS.

The manufacturer cannot be held liable for damage caused by people, property or the equipment itself due to display of products other than the afore-specified.



WARNING! Do not use electrical appliances inside the compartments of the appliance for storing frozen foods if these are not those recommended by the manufacturer.

WARNING! Never use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING! Keep the ventilation openings in the appliance casing or in the recessed structure clear of obstructions.

WARNING! Do not store explosive substances such as aerosol cans with flammable propellant in this appliance.

1.3 SAFETY INFORMATION



Read the manual carefully and adhere to the contents before installing and using the appliance.



Always keep the instructions manual safe and if the appliance is sold, hand it over to the new owner.



This equipment is very dangerous if left exposed to rain, thunderstorms or bad weather with the power cable plugged into the power socket.



Do not ever touch or handle the appliance with bare feet or with wet hands and feet.



This appliance can be used by the children aged from 8 years and above and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



The packaging materials, such as plastic bags, polystyrene, plastic cable ties, must not be left in reach of children as they are potential sources of danger.



Do not let children play with the appliance e.g. sitting in the baskets or rocking on or holding the cover, the cooler may overturn, or any items placed on top of it may fall down.



After installing the appliance make sure that it is not positioned on the power cable.



To disconnect the appliance from the mains, take out the plug.
Do not pull the power cable out of it.



If the coolant circuit is damaged, it is strictly necessary to turn off the lights.



Do not store explosives, such as pressurized containers with flammable propellant, in this appliance.



Never connect the cabinet to the power supply if it is damaged (in transit or otherwise).
When in doubt, contact your service organization or dealer.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

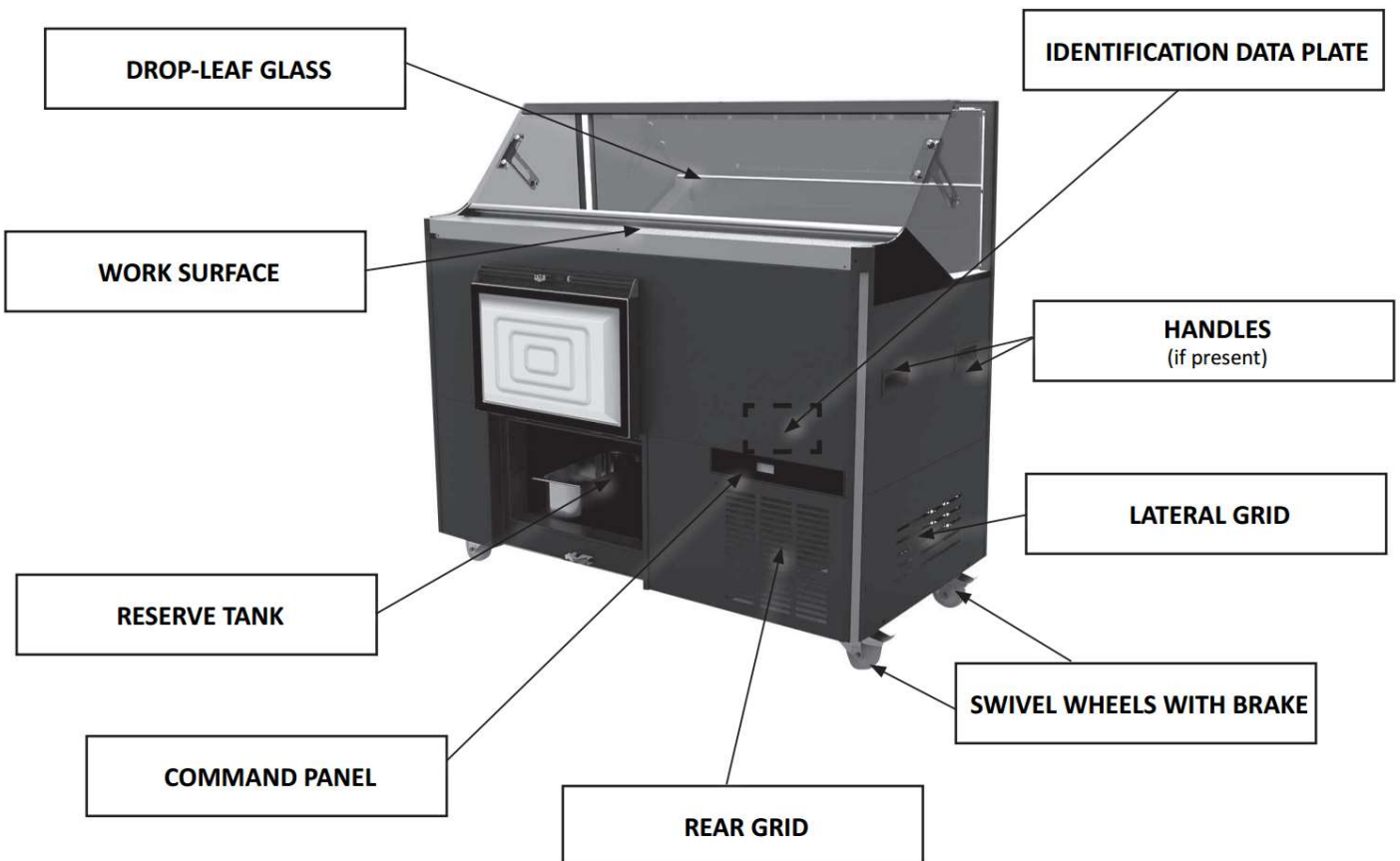
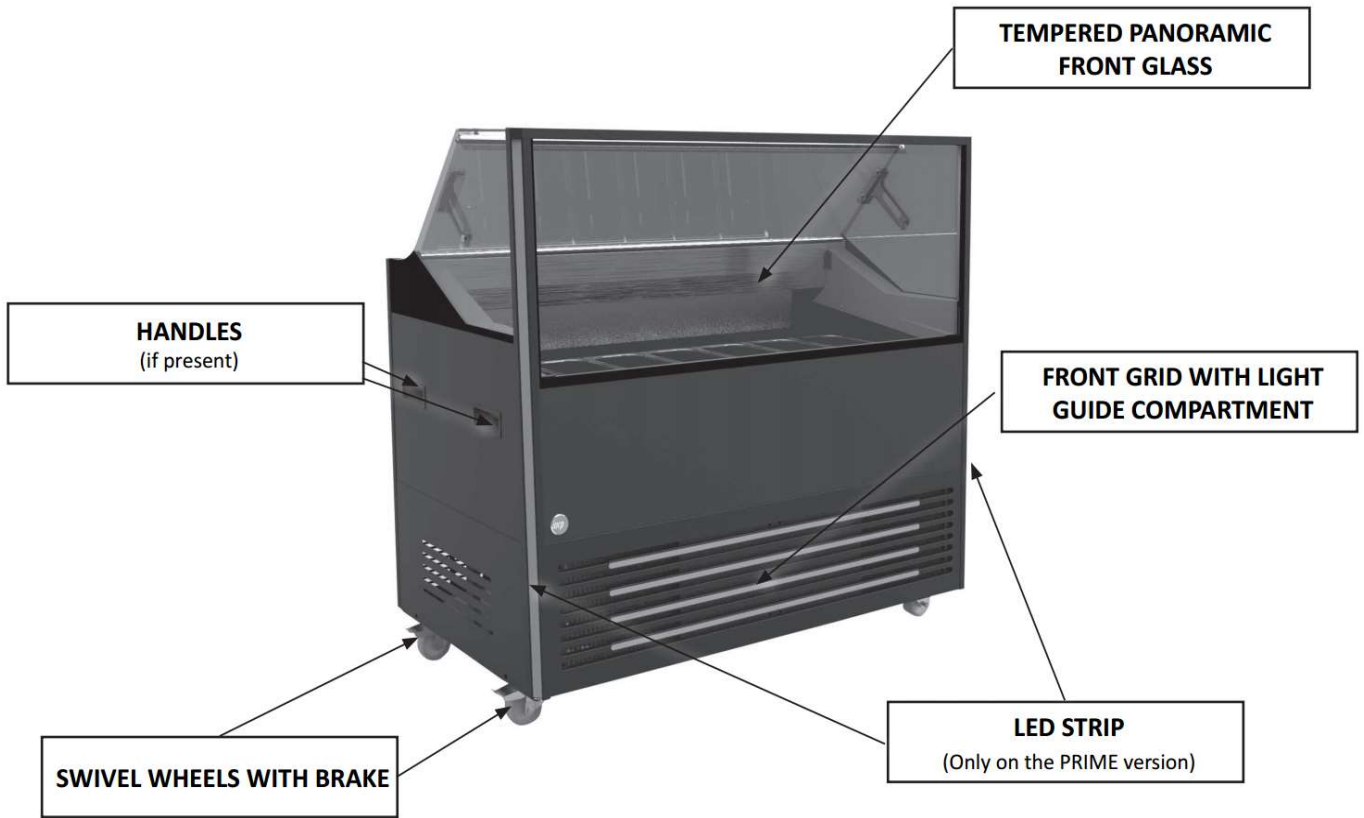


Electronic elements may only be replaced by a qualified electrician or person with experience in electrical engineering.

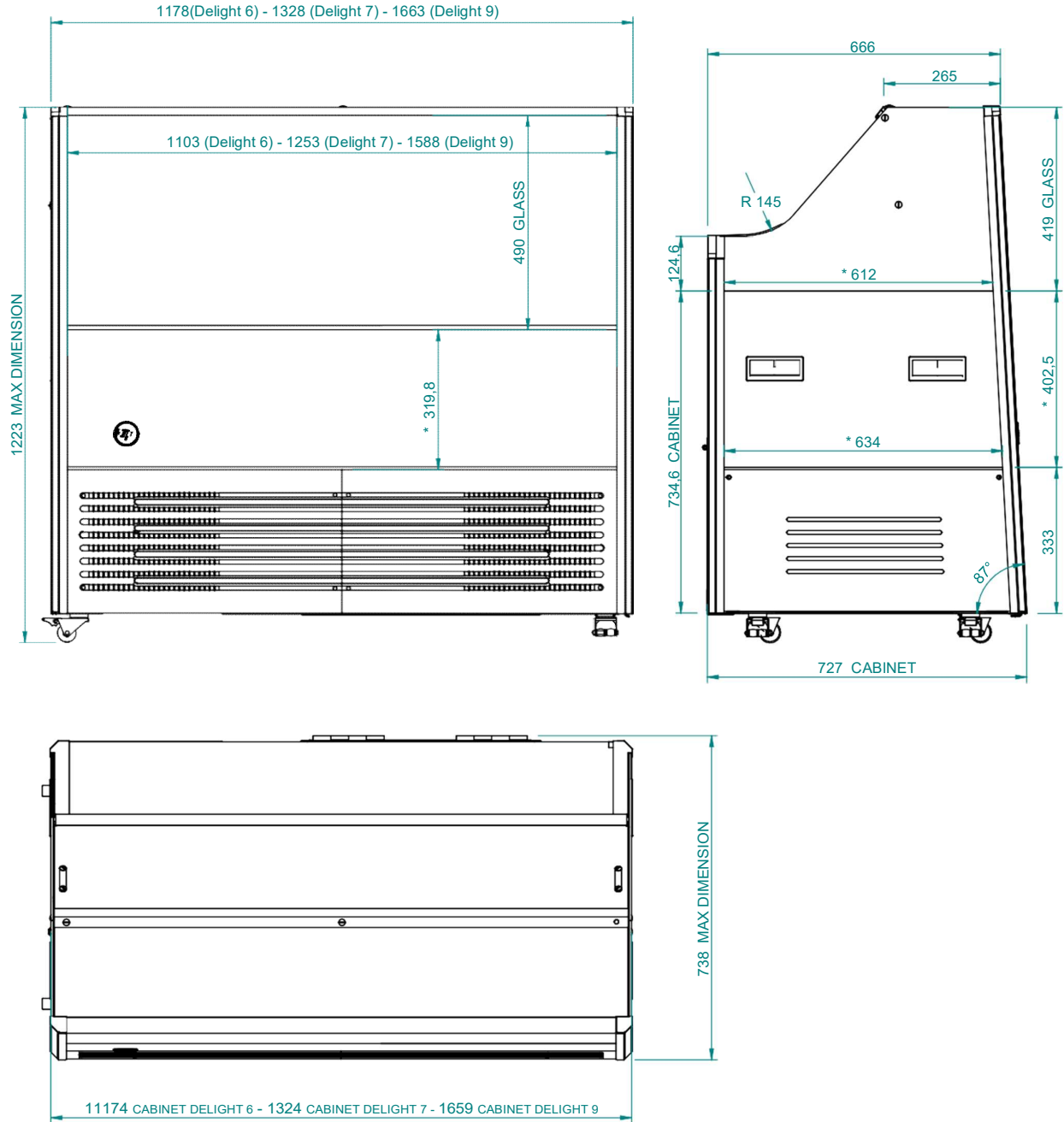


The appliance contains flammable materials and should be handled, serviced and disposed of properly.

2. OVERALL DESCRIPTION



3. TECHNICAL SPECIFICATIONS



DELIGHT	
7	
External dimensions (Width x depth x High) (mm)	1328 x 727 x 1223
Gross volume (Liters)	381
Net volume (Liters)	223
Refrigeration	Static
Defrosting	Automatic
Climate class	4
Temperature classification	L1 (-15°C / -18°C)
Refrigerant	R290 and R404A
Electrical power supply (V / Hz)	220-240 / 50 and 220/60

4. NOTES AND WARNINGS



The content of this manual is technical and the property of EPTA s.p.a. It is forbidden to reproduce, distribute or modify entirely or partially its content without written authorization. The owner company safeguards its rights pursuant to legislation in force.

The company cannot be held in any way liable for any damage to people, animals or the product conserved in the event of:

- Improper use of the equipment or use by unsuitable or unauthorized staff.
- Non-compliance with the standards in force
- Incorrect installation and/or faulty power supply
- Non-compliance with this manual
- Non-compliance with the maintenance program
- Unauthorized changes
- Installation of non-original spare parts on equipment
- Installation and use of the equipment for purposes other than those characterizing design and sale
- Tampering with or damage to the power supply cable

Responsibility for application of the safety provisions outlined below is the responsibility of the technical staff responsible for the activities planned on the equipment, who must ensure the authorized staff:

- Are qualified to perform the task requested
- Know and strictly comply with the provisions contained in this document
- Know and apply the general safety standards applicable to the equipment



Tampering with or unauthorized replacement of one or more parts of the equipment, use of accessories that change its use and use of spare parts differing from those recommended can cause risks of accidents.



Any intervention on the equipment strictly requires disconnection of the power socket and however no guard (grids, casings) should be removed by unqualified staff; strictly avoid operating the freezer with these guards removed.

5. EQUIPMENT IDENTIFICATION

- Located on the plate affixed to the machine to detect the technical data.
- Check the model and power supply voltage before carrying out any operation.
- If discrepancies are found, immediately contact the manufacturer or the company that supplied the equipment.

1. Manufacturer
2. Model
3. Code
4. Conformity marking
5. Power supply voltage (V)
6. Power supply frequency (Hz)
7. Absorbed electrical power (W)
8. Light max. power (W)
9. Climate class
10. Type and quantity of refrigerant.

	2 DELIGHT 7		SPECIFICATION		4
	5 xxx V ~xxHz		6 ASSE CLIMATICA (EN 60335-2-89) MATE CLASS (EN 60335-2-89)		9 xxx
1	7 xxx W		POTENZA IN SBRINAMENTO DEFROSTING POWER		xxx W
	CORRENTE Nominale RATED CURRENT		CORRENTE IN SBRINAMENTO DEFROSTING CURRENT		2.6 A
ESPANDENTE FOAMING AGENT		8 HC-CYCLOPENTANE		xxx W	xxx W
TIPO REFRIGERANTE REFRIGERANT TYPE		10 R xxx		QUANTITA' REFR. REFRIG. AMOUNT	
MATRICOLA PROPRIETA' PROPERTY NUMBER		3		CODICE CODE	
CLASSE CLIMATICA (EN 23953) CLIMATE CLASS (EN 23953)		9 xxx		x.xxx kg	
MATRICOLA SERIAL NUMBER		xxx		Y20xx	
VOLUME LORDO GROSS VOL.		xxx L.			



It is strictly forbidden to remove, tamper with the plate and change or alter the data contained in it.

6. DISPOSAL OF USED MATERIALS

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC

At the end of its working life, the product must not be disposed of as urban waste.

It must be taken to a special local authority differentiated waste collection center or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.



The symbol on the product or on the packaging indicates the product must not be considered normal domestic waste but must be brought to an appropriate collection point for recycling of the electrical and electronic equipment.

By disposing of this product appropriately, you contribute to avoiding potential negative consequences, which could derive from inadequate disposal of the product.



For more detailed information on recycling of this product, contact the municipality office, the local waste disposal service or the shop where you purchased the product.



The cabinet contains oil, inflammable cooling gas, plastic and metallic components and glass.

WARNING!

Polyurethane insulation uses CICLOPENTHANE as expander, that doesn't affect the environment but is inflammable. To guarantee the same respect when it's disposed of, never abandon the equipment outside. Don't throw the packaging material from your equipment in the rubbish but sort the various materials: e.g. polystyrene, cardboard, plastic bags. The demolition of the cabinet and the recovery of the component materials must be carried out according to the local regulations in force in this matter.

7. INSTALLATION

7.1 STORAGE AND DISMANTLING

The unit is shipped anchored onto a wooden base and protected by corner posts, cardboard top and nylon wrapping. Keep all packaging away from children.

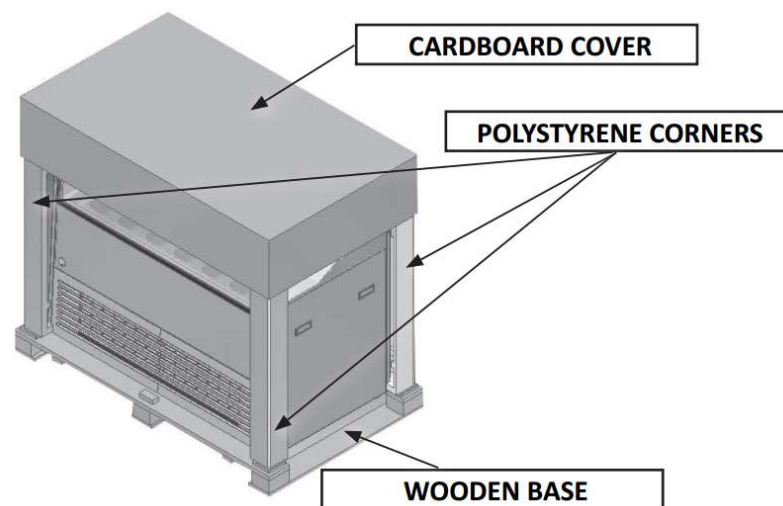
For each subsequent handling of the cabinet, the use of the wooden platform is recommended.

Carefully remove the packaging, taking care not to damage the components and not to throw away those that will be needed for assembly.



The unit is shipped anchored onto a wooden base and protected by corner posts, cardboard top and nylon wrapping. It must only be handled using a fork lift truck with adequate power to the load. Positioning the appliance horizontally or on its side or upside down is to be strictly avoided.

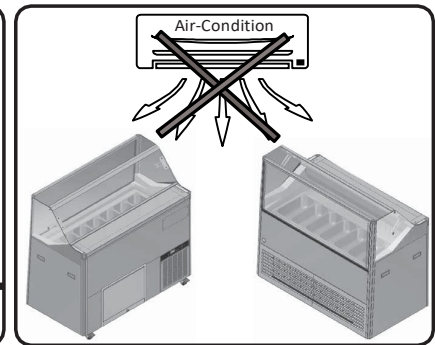
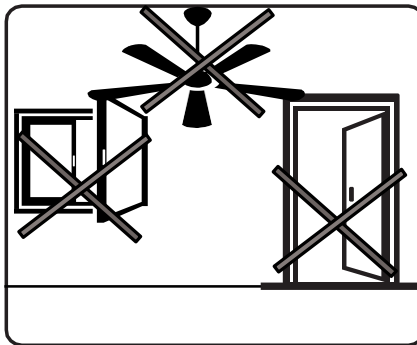
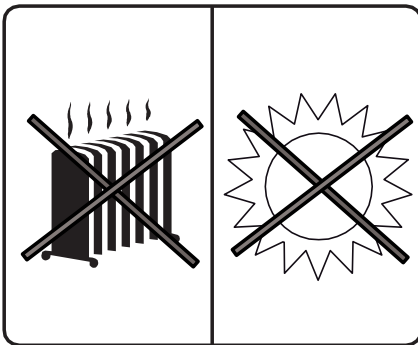
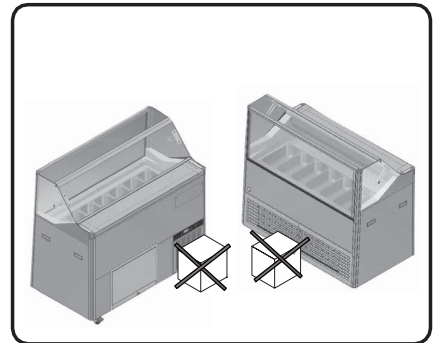
The equipment MUST be kept vertical.



7.2 SELECTING THE PLACE OF INSTALLATION

In selecting the place of installation, ensure that the following instructions are observed, this being vital for proper and trouble-free working of the cabinet:

- Do not install the cabinet outdoors.
- Do not install the cabinet in the vicinity of heating radiators or other heat sources.
- Do not install the cabinet where it is exposed to direct sun light (e.g. through windows).
- Do not install the cabinet where it is exposed to drafts from ventilators open doors.
- Pay attention to air outlet from air conditioners/ ventilators.
- Keep the air intake and outlet area around the plinth area of the cabinet clear of cartons and other obstacles.
- It is necessary that the condensing unit obtains a good circulation of air around it; also the area around the condensing unit should not be obstructed by boxes or other objects; keep a distance from the wall of **10 cm.** at least.

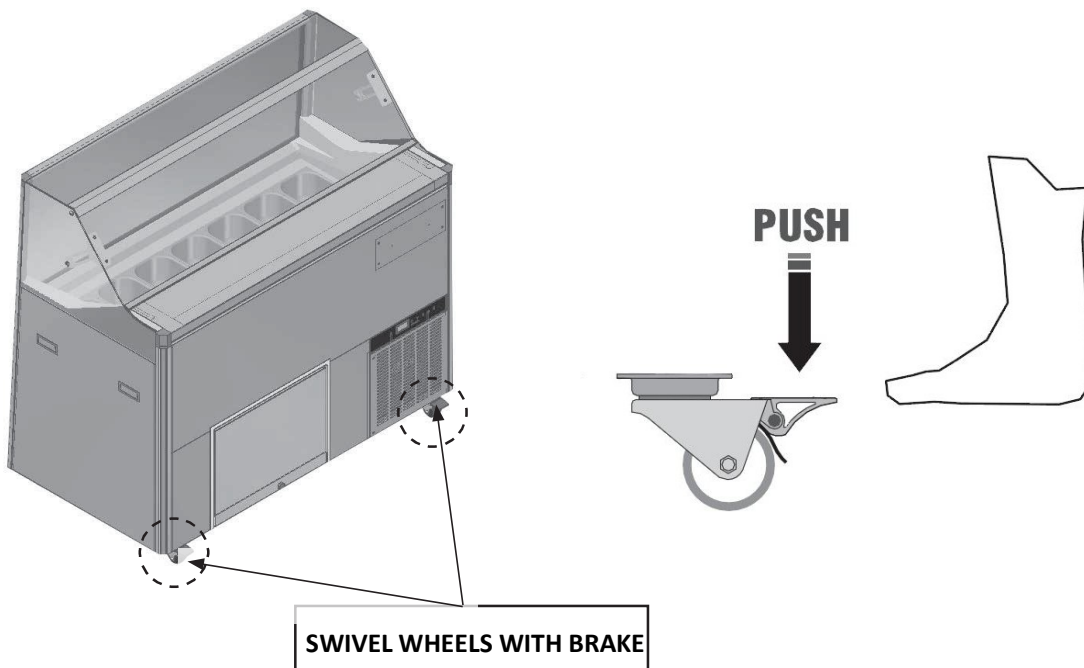


7.3 POSITIONING



The equipment is fitted with 4 swivel wheels (2 with a brake) for movement and positioning.

It is strictly necessary after positioning to stabilize the equipment on the ground.



7.4 LOADING

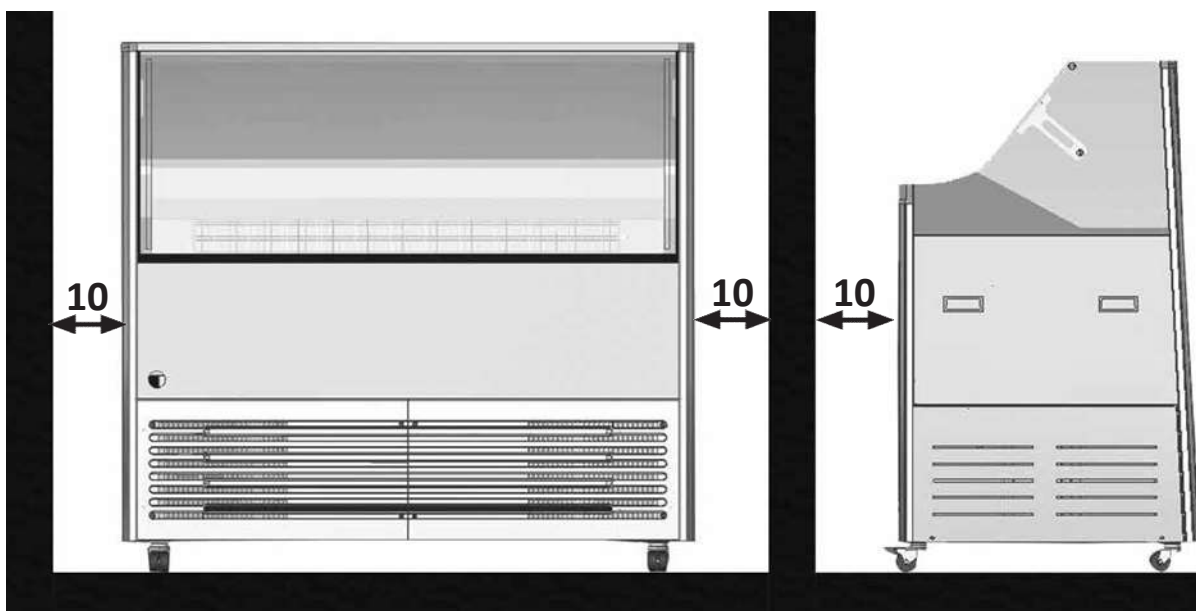


It is fundamental not to exceed the load limits indicated to avoid altering correct air circulation and thereby avoid a higher product temperature.



7.5 FURTHER INFORMATION

Take out packaging and clean all the cabinet using warm water together with 5% of neutral soap then dry it with a soft cloth; for the glass parts only use specific products, avoiding the use of water which can leave on the glasses limestone residues.



It is fundamental to comply with the distances indicated (cm) for correct installation of the equipment.

- Cabinet must be installed on a perfectly even surface, far away from any heat source (radiators, stoves, etc.) including sun rays.
- It is necessary that the capacitor unit is in the free air exchange condition, therefore the ventilation zones must not be obstructed by boxes or otherwise.
- Install and position the unit in such a way so as to allow easy access to the power socket.
- Never place containers of liquid on or immediately above the ticket counter; should the content spill out, it would damage the counter.



THE REFRIGERATOR IS NOT SUITABLE FOR WORKING IN DANGEROUS ENVIRONMENT WITH RISK OF FIRE, EXPLOSIONS OR RADIATIONS.

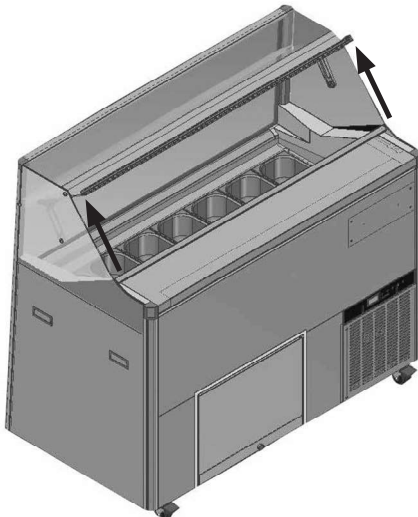
Operation is regular with ambient temperature indicated on **technical data plate**.

7.6 OPENING THE DROP-LEAF GLASS

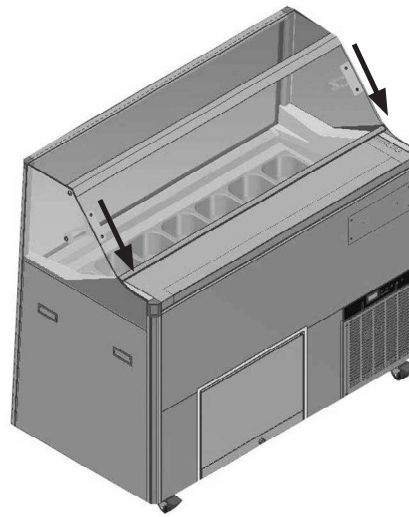
To open and close the display compartment, vertically slide the drop-leaf glass on the rear of the equipment.



Ensure perfect closure as incorrect closure would have a negative impact on the performance of the equipment and on the excessive build-up of ice on the inner walls.



EQUIPMENT OPEN



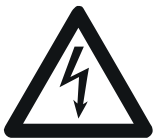
EQUIPMENT CLOSED

7.7 PUTTING INTO OPERATION



If the cabinet has been sharply tilted while being sited or for mounting of accessories, it must be left to stand for at least three hours before being started to allow the lubricating oil to settle in the compressor.

Failure to do so can cause total destruction of the compressor refrigerating system.



Check that the voltage on the identification plate is the same as that of the network.

THE ELECTRICAL SUPPLY LINE TO WHICH THE REFRIGERATOR WILL HAVE TO BE CONNECTED IS TO BE PROTECTED BY A VERY SENSITIVE DIFFERENTIAL SWITCH (Rc=16A,Dc=30mA); IT IS ALSO TO BE LINKED TO THE GENERAL EARTHING PLANT.



Follow the manufacturer's instructions to install the unit, using qualified personnel and complying with the electrical regulations for the specific country.

Incorrect installation may cause injury and damage; the manufacturer is not liable for this.

The manufacturer disclaims all responsibility for any damage to people or things due to incorrect observance of this rule.



Earthing is necessary and compulsory by law. Absolutely never use reduction units, patch cords, adapters or multiple socket outlets to connect the counter.

DIRECTLY connect the equipment to the mains.

The cable should be fully extended and located where it is unlikely to be struck, caught or stepped on, away from water and the other liquids and heat sources and must not be damaged.

In case of breakage of the power cable of the cabinet, it must be replaced by the manufacturer or by instruction it change of it.

8. MAINTENANCE



WARNING!
ANY WORK CARRIED OUT ON THE APPLIANCE BY THE USER STRICTLY REQUIRES THE POWER PLUG BEING DISCONNECTED FROM THE MAINS SOCKET.

The equipment manager is obliged to check and comply with the maintenance deadlines in the table indicated below.

OPERATION	FREQUENCY	ORDINARY / EXTRAORDINARY MAINTENANCE	AUTHORISED STAFF
Cleaning the outer surface	Based on use	Ordinary	User
Cleaning the accessible inner parts (do not use tools)	Based on use	Ordinary	User
Checking the power supply, electrical plugs and/or sockets.	Six-monthly	Ordinary	User
Checking the gasket	Six-monthly	Ordinary	User
Reserve tank cleaning	Based on use	Ordinary	User
Checking the drainer discharge tube	Based on use	Ordinary	Technical support
Inspecting the cables and inner power connections	Six-monthly	Ordinary	Technical support
Replacing the led lights	-	Extraordinary	Technical support
Replacing the power supply cable	-	Extraordinary	Technical support



The other maintenance operation must be carried by AUTHORISED STAFF.

9. CLEANING

9.1 OUTER CLEANING

For a good preservation of the cabinet's body a **periodical cleaning is necessary.**

- ① **EXTERNAL BODY:** When necessary, the external body should be cleaned with a cloth and a neutral soap and water solution.
- ② **STAINLESS STEEL SURFACES:** Wash with warm water and mild detergent, rinse well and dry with soft cloth. Avoid scouring pads etc. which will spoil the finish of the stainless steel.
- ③ **SURFACES IN PLASTIC MATERIAL:** Wash with warm water and mild detergent, rinse well and dry with soft cloth; under no circumstances should alcohol, methylated spirits or solvents be used.
- ④ **GLASS SURFACES:** Only use products specifically designed for glass cleaning; It is not advisable to use ordinary water which can leave a film of calcium on the surface of the glass.



9.2 INNER CLEANING

These units make an automatic defrosting **in the displaying tank**.

The **storage compartment** should be defrosted when frost on the walls has a thickness of more than **5 mm**.

We recommend to make the defrosting of storage compartment and, at the same time, the cleaning of displaying tank; proceed as follows:

1. Place the goods in special refrigerated containers, kept at the same temperature.
2. Unplug the unit.
3. Before cleaning the inside temperature must be equal to the ambient temperature; place a container of warm but not boiling water inside the storage compartment, standing on a piece of cardboard, and leave the door closed for about 30 min.
4. Clean the tanks walls with water and neutral soap, rinse and dry carefully.
5. Plug the unit and wait till the appliance reaches the right temperature before filling it again.



Do not use jet of water to clean the cabinet: electrical wiring could be damaged.
Never use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.

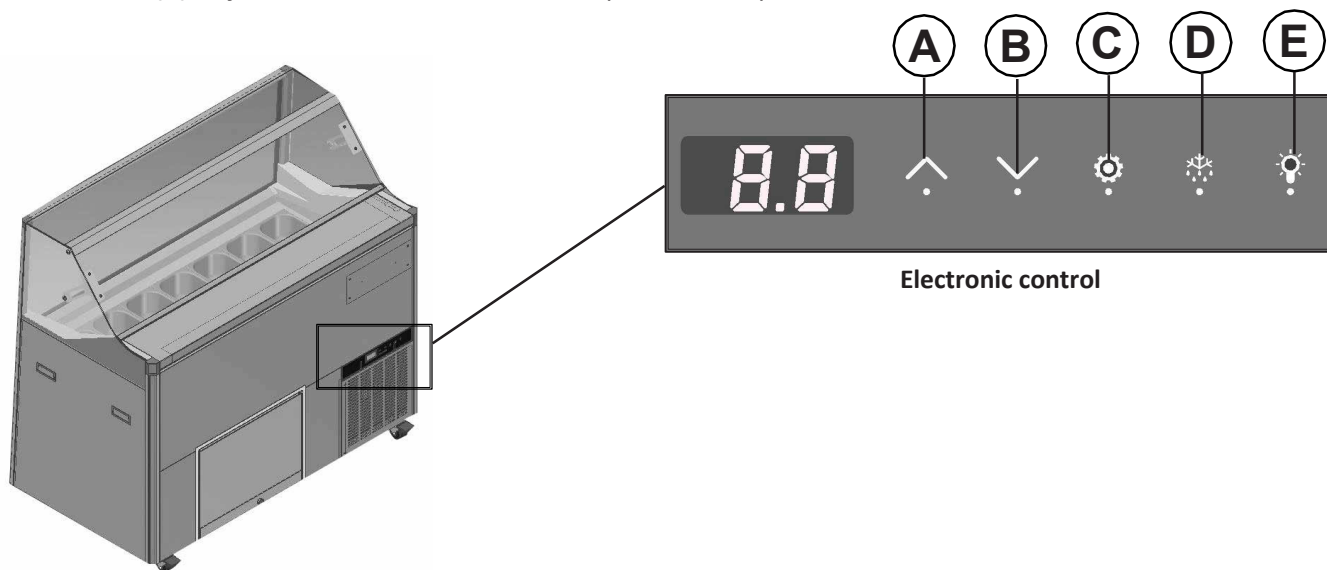
10. TEMPERATURE SETTING AND CONTROLS

Each refrigerating appliance is provided with an electronic control for automatic maintenance of the appropriate pre-established temperature inside the tank.

This temperature adjuster is gauged by the factory and should not be touched by the user.

Only if the average internal temperature is too cold or not cold you can increment or decrement the temperature:

- Press the **(C)** key in order to see on display the temperature set point.
- Press the **(A)** key or the **(B)** key in order to increment or decrement the temperature set point
- Press the **(C)** key in order to store the **new** temperature setpoint.



- A) Button to increase temperature
- B) Button to decrease temperature
- C) Button to show set temperature
- D) Automatic defrosting button (press for defrosting start)
- E) Light switch

11. MALFUNCTION AND REMEDIES

Most of the functioning inconveniences are generally due to simple causes or to defective electrical connections. These problems can usually be solved on site.

THE UNIT DOES NOT START		
CAUSE	SOLUTION	AUTHORISED STAFF
Check that the unit is properly plugged	Insert the plug	User
Check that the unit is properly plugged	Insert the plug correctly	User
Check that the plug cord is broken	Replace the plug cable	Technical support

If power failure is not due to any of the above causes, call the nearest after-sales service immediately, empty the cabinet and store the foods in cold rooms or refrigerators that may ensure their preservation temperature.

THE INTERNAL TEMPERATURE IS NOT COLD ENOUGH		
CAUSE	SOLUTION	AUTHORISED STAFF
Check the drop-leaf glass is perfectly closed	Close correctly	User
Make sure that the cabinet has been filled correctly	Load the product correctly	User
Check that the unit is not adjacent to sources of heat	Position the equipment correctly	User
Check that there is not too much ice on the evaporator	Defrost the equipment	User
Check the temperature setting	Set the correct temperature	User

If failure to cool should be not due to any of the above reasons it persists on even after the above checks, resort to the nearest after-sales service.

THE UNIT IS NOISY		
CAUSE	SOLUTION	AUTHORISED STAFF
Check that all the bolts and nuts are properly fastened	Screw in the screws	User
Check that the unit is placed on an even surface	Position the equipment correctly	User
Check if any pipe or fan is in contact with any other part of the body	Switch off the counter and distance the parts in contact in the event the problem persists, contact the support service.	Technical support

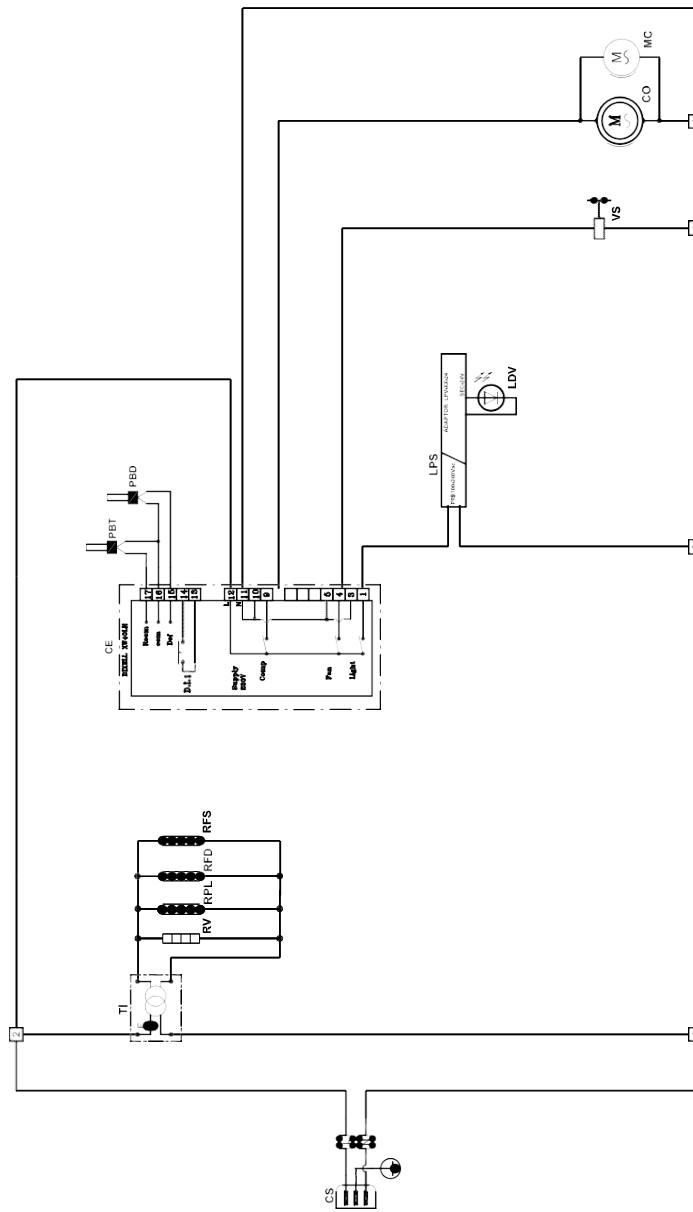
Should the inconvenience persist, contact the nearest after-sales service.

12. PROLONGED SWITCH OFF

When the unit is kept unused for a long time, please take note of the following procedures:

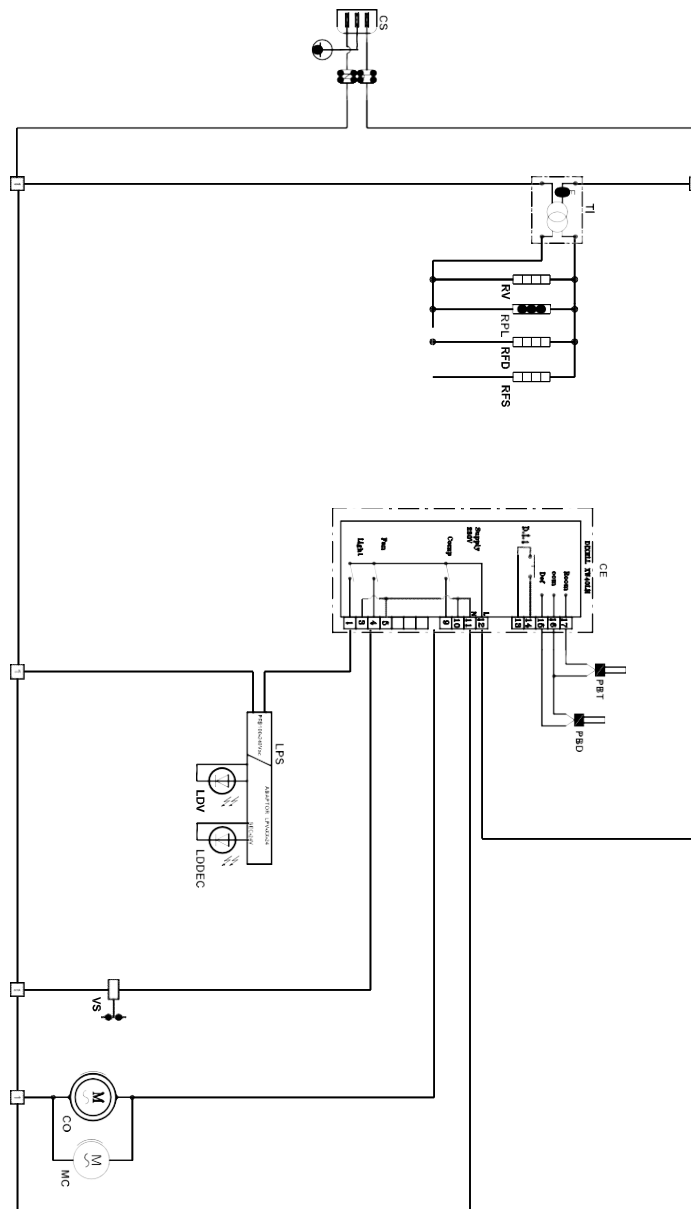
- Unplug the unit;
- Clean and dry well the tank;
- Leave the covers half open to prevent bad smells forming;
- Cover the unit with a curtain, place it in a dry room and sheltered from the atmospheric agents.

13. DELIGHT LITE WIRING DIAGRAM



REF	DEVICE
CE	Electronic control
CO	Compressor
CS	Plug cable
F	Transformer fuse
LDV	Inner tank led
LPS	Led power supply unit
MC	Capacitor motorised fan
PBD	Defrost end probe
PBT	Temperature probe
RFD	Right side resistor
RFS	Left side resistor
RPL	Work surface resistor
RV	Glass resistor
TI	Isolation transformer
VS	Defrost valve

14. DELIGHT PRIME WIRING DIAGRAM

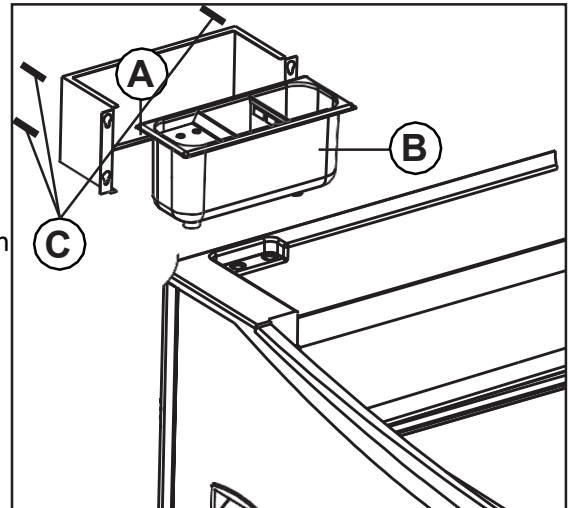


REF	DEVICE
CE	Electronic control
CO	Compressor
CS	Plug cable
F	Transformer fuse
LDV	Inner tank led
LDDEC	Decorations Led
LPS	Led power supply unit
MC	Capacitor motorised fan
PBD	Defrost end probe
PBT	Temperature probe
RFD	Right side resistor
RFS	Left side resistor
RPL	Work surface resistor
RV	Glass resistor
TI	Isolation transformer
VS	Defrost valve

15. DISPENSER WASH ASSEMBLY (Optional)

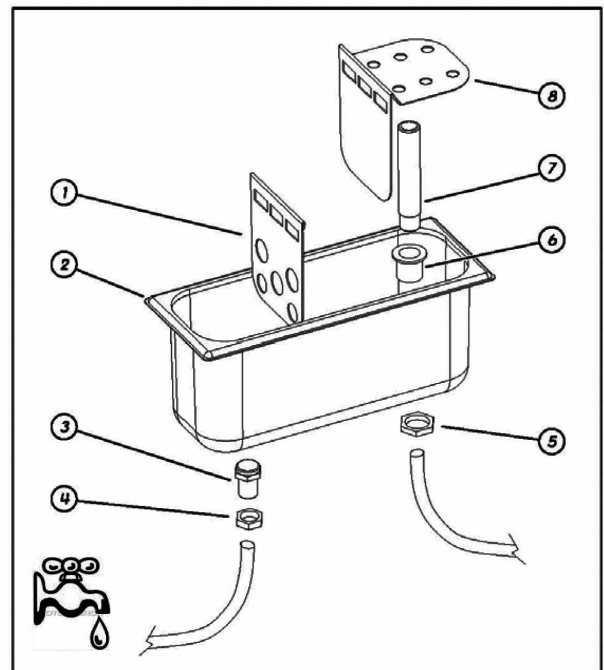
To assemble the dispenser wash, proceed as follows:

Screw in the dispenser wash support (A) with the dispenser wash (B) using the screw (C) on the back of the equipment.



With water recirculation:

- Fasten the water filling joint (3) with the incorporated valve, positioned as in the illustration, to the tank (2) using the fastening nut (4);
- Connect the stainless steel “overflow” tube (7) to the bushing (6) and fasten it to the tank with the nut (5);
- Connect the water filling joint (3) to the rubber tube to a tap and fill the tank (2) of clean water;
- Connect the rubber tube to the bushing (6) and drain the excess water or dirt (filtered from the cover/partition (8)) into a sink.



Without water recirculation:

- Fasten the water filling joint (3) with the valve, positioned as in the illustration, to the tank (2) using the fastening nut (4);
- Connect the stainless steel “overflow” tube (7) to the bushing (6) and fasten it to the tank with the nut (5);
- Connect the rubber tube to the bushing (6) and drain the excess water or dirt (filtered from the cover/partition (8)) into a sink.
- Manually fill the tank with clean water.

