This manual is part of the product. Please read this document carefully for the correct use and maintenance of the equipment. It is important to keep it for possible future reference.

INTRODUCTION

WARNINGS

This appliance is intended for use in domestic and similar applications such as kitchen areas for staff in shops, offices, and other working environments, rural accommodations, and by clients in hotels, motels, and other residential-type environments, bed and breakfast-type accommodations, and catering services and similar non-retail applications.
The installation of this appliance must be carried out by the Technical Assistance Service.
The power plug must be in an accessible location.
When positioning the appliance, ensure that the power cord is not trapped or damaged.
Do not place multiple portable socket outlets or portable power supplies at the back of the appliance.
ALWAYS disconnect the machine from the electrical network BEFORE proceeding with any cleaning or maintenance operations.
Any modifications necessary to the electrical installation for the perfect connection of the machine must be carried out exclusively by professionally qualified and authorized personnel.
Any use of the ice cube product other than producing ice, using drinking water, is considered inappropriate.
Modifying or attempting to modify this device, in addition to voiding any form of warranty, is extremely dangerous.
This device is not intended to be used by persons (including children) whose physical, sensory, or mental capabilities are reduced, or who lack experience or knowledge, unless they have been supervised or given instructions regarding the use of the device by a person responsible for their safety. Children should be supervised to ensure they do not play with the device.
It should not be used outdoors or exposed to rain.
Connect only to the drinking water supply. See section 3 of this manual.
The machine must be connected using the power cord supplied with it. It is not intended to be connected to a fixed plumbing system.
The device uses flammable refrigerant (propane), stored in the refrigeration system of the unit.
For this reason, the following warnings must be considered:

- Keep the openings intended for ventilation of the device's enclosure or the built-in furniture unobstructed.
- Do not use mechanical devices or other means to accelerate the defrosting, only those recommended by the manufacturer.
- Do not damage the refrigeration circuit.
- Do not use electrical devices inside the food compartments, unless they are recommended by the manufacturer.
- Explosive substances, such as aerosols with flammable propellant, must not be stored in this appliance.

In case of refrigerant leakage:
- Do not create a flame near the appliance.
- Do not turn on/off switches or connect/disconnect plugs in the area of the appliance.
- Do not use an open flame.
- Immediately ventilate the area of the appliance by opening doors and windows.
- Call an authorized service technician.

THIS DEVICE MUST BE CONNECTED TO GROUND
To avoid possible electric shocks to people or damage to the equipment, the manufacturer must be grounded according to local and/or national regulations and legislation in each case.
THE MANUFACTURER WILL NOT BE HELD RESPONSIBLE FOR DAMAGES CAUSED BY THE LACK OF GROUNDING OF THE INSTALLATION.
SEE SECTION 4 OF THIS MANUAL

To ensure the efficiency of this machine and its proper functioning, it is essential to adhere to the manufacturer's instructions, ESPECIALLY REGARDING MAINTENANCE AND CLEANING OPERATIONS, which in most cases should be carried out by qualified personnel.

ATTENTION:

Do not attempt to repair it yourself. The intervention of unqualified individuals, besides being dangerous, can cause serious damage. In case of a malfunction, contact the distributor from whom it was purchased. We recommend always requesting original spare parts.

Carry out the disposal and recovery of materials or waste in accordance with the current national regulations on the matter.

RECEPTION OF THE MACHINE

Inspect the packaging externally. If it appears broken or damaged, CLAIM WITH THE CARRIER. To determine if the machine has any damage, UNPACK IT IN THE PRESENCE OF THE CARRIER and document any damage the machine may have in the receipt

document or in a separate written statement. As of May 1, 1998, it complies with European regulations on the management of Packaging and Packaging Waste.

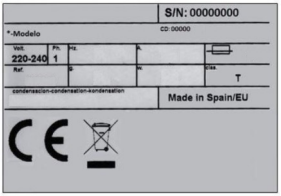
Always state the machine number and model. This number is printed in three places:

1. Packaging
It has a label with the manufacturing number on the outside



2. Outside of the Device
On the back, on a label similar to the previous one

3. Characteristics plate
On the back of the machine.



Check that the installation KIT is complete inside the machine,
Composed of:
-Ice shovel, 3/4 gas connection, 22mm drain hose. 1 filter and manual.

WARNING: ALL PACKAGING ELEMENTS (plastic bags, cardboard boxes, and wooden pallets) MUST BE KEPT OUT OF REACH OF CHILDREN AS THEY ARE A POTENTIAL SOURCE OF DANGER.

INSTALLATION

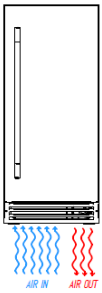
1. CONDITIONS OF THE INSTALLATION SITE

THIS MANUFACTURER IS NOT DESIGNED TO OPERATE OUTDOORS.

An incorrect installation of the equipment may cause damage to people, animals, or property, for which the manufacturer will not be held responsible.

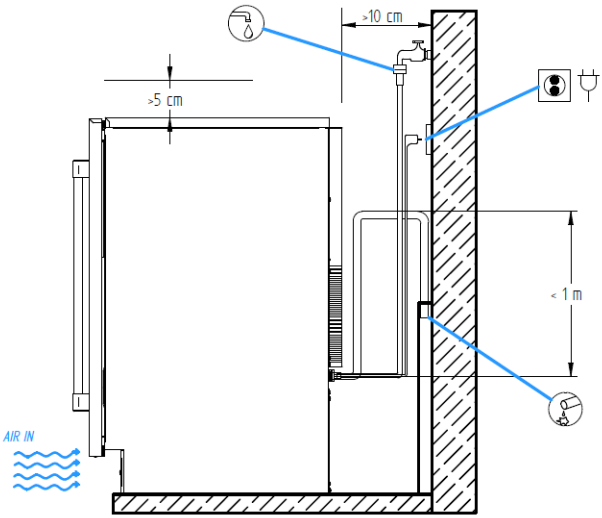
WARNING: The machines are designed to operate with ambient temperatures between 10ºC (50ºF) and 43ºC (109.40ºF), and with water inlet temperatures between 5ºC (41ºF) and 35ºC (95ºF).
Below the minimum temperatures, there may be difficulties in the release of the ice cubes. Above the maximum temperatures, the lifespan of the compressor is shortened and production decreases significantly.
The airflow in air-cooled machines enters through the front grille, intake from the left side, and exhaust from the right front side. Additionally, there is a rear air outlet. Do not place anything in the front grille.
The unit is designed to be built-in.

The machines expel hot air through the grilles that must be released into the environment and not accumulate. This is particularly important for the air expelled from the back of the machines: a space of at least 10cm must be left from the wall, allowing air to flow behind and exit to ensure its renewal, preventing the formation of pockets of hot air in that area which could reduce the machine's ice production and even activate its protection against excessive temperature, stopping it.

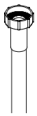


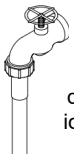
SCREW THE LEGS TO THE BASE OF THE MACHINE IN THE SLOTS PROVIDED FOR THIS PURPOSE AND ADJUST THEIR HEIGHT SO THAT THE EQUIPMENT IS PERFECTLY LEVEL.

Air outlets/renewals must be foreseen between the back of the machine and the wall.









1. WATER AND DRAINS

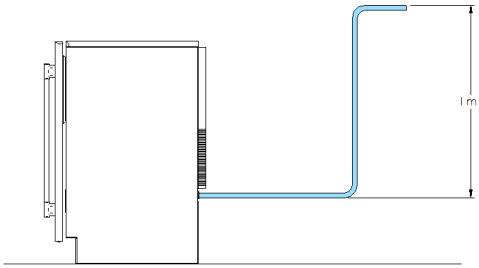
The quality of the water significantly influences the quality, hardness, and taste of the ice and, in water-cooled systems, the lifespan of the condenser.

2. CONNECTION TO THE WATER NETWORK

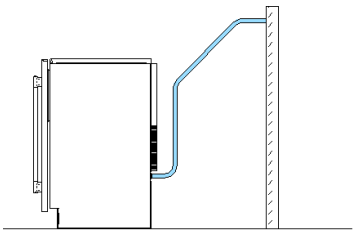
Use the flexible connection (length 1.3m) with the two filter joints supplied with the machine. Arrange the necessary devices according to current regulations to prevent water from returning to the network.
The pressure must be between 0.1 MPa and 0.6 MPa (1 to 6 BAR).
If the pressures exceed these values; install the necessary corrective elements.

3. DRAIN CONNECTION

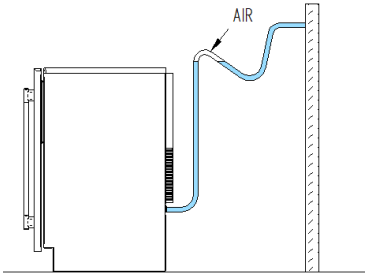
The forced drain connection of the machine allows the drain to be at a height of 1 m:



CORRECT



INCORRECT



4. ELECTRICAL CONNECTION

FOR THIS DEVICE, IT MUST BE CONNECTED TO GROUND
To avoid possible electric shocks to people or damage to the equipment, the manufacturer must be grounded according to local and/or national regulations and legislation in each case. THE MANUFACTURER WILL NOT BE HELD RESPONSIBLE FOR DAMAGES CAUSED BY THE LACK OF GROUNDING OF THE INSTALLATION

Warnings:

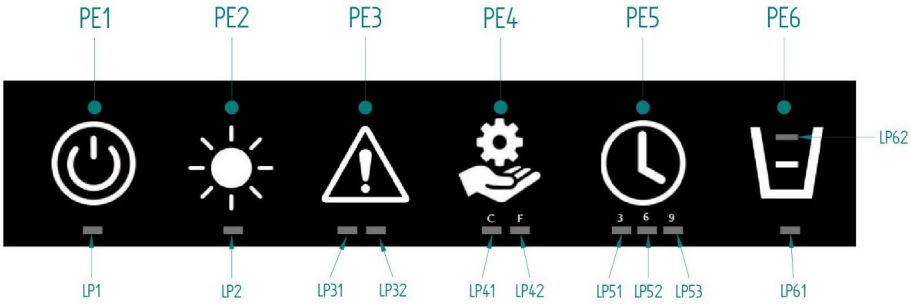
- The positioning of the device must ensure that the electrical supply is not damaged or constricted.
- Do not install portable multiple outlets or other portable power sources at the back of the device.

The machine is supplied with a 1.5m long cable. If the power cable is damaged, it must be replaced with a special cable or set to be provided by the manufacturer or after-sales service. This replacement must be carried out by qualified technical service.
The machine should be placed in such a way that there is a minimum space between the back and the wall to allow easy and safe access to the cable plug.
Prevent the timely power outlet base.
It is advisable to install a switch and the appropriate electrical safety elements, according to local and/or national regulations in each case.

The voltage and current are marked on the specification plate and in the technical sheets of this manual. Variations in voltage exceeding 10% of that indicated on the plate may cause malfunctions or prevent the machine from starting.

5. CONTROLS

The Display plate shows, through the dial represented in the following image, the interactions detailed in the table:



Icon	Description	Color	Symbol
ON/OFF	ON/OFF button + bicolor LED. • Button to turn on the machine: the lit blue LED indicates the	Blue and Red	PE1

	machine is operating “ON” (it may be timing, producing ice, or stopped). • Button to turn off the machine: the lit red LED indicates the machine is off “OFF” but connected to the network (Stand-by). • Button for the reset function. • Flashing LED during programming. • Error reader (purple)		
Light 	• Button to turn on the machine light: the lit white LED indicates that the machine's interior light is operational.	White	PE2
Alarms 	• Safety stop due to high pressure switch. • Stop due to long cycle. • Stop due to long manufacturing time. • Stop due to stock stop reading error. • Stop due to broken NTC.	Red	PE3
Mainten ance 	• Filter change. • Cleaning cycle + condenser cleaning.	Red	PE4
Program ming 	• Programming for machine startup.	White	PE5
Stock 	• Stop due to ice storage being full. • Possibility of filling storage to 50%.	White	PE6

1. Pre-check

a) Is the machine leveled?
b) Is the voltage and frequency the same as on the plate?
c) Are the drains connected and functioning?
d) Is the air circulation and the room temperature adequate?

	ENVIRONMENT	WATER
MAXIMUM	43ºC / 109ºF	35ºC / 95ºF
MINIMUM	10ºC / 43ºF	5ºC / 35ºF

e)** Is the water pressure adequate?

MAXIMUM	0.6 MPA (6 Bar)
MINIMUM	0.1 MPa (1 Bar)

NOTE: If the incoming water pressure exceeds 0.6 MPa (6 Bar), install a pressure reducer.

2. Start-up

Once the installation instructions (ventilation, room conditions, temperatures, water quality, etc.) have been followed, proceed as follows:

1) Connect to the drinking water network. Open the water shut-off valve. Check for leaks.
2) Open the door and remove the protective elements that are fitted in the curtain. Check that the curtain moves freely.
3) Connect the machine to the electrical network.
4) Press the power button on the control panel. Once turned on, the LED will be flashing blue for 10 minutes and will then change to solid blue, starting the ice-making process.
5) Check that there are no elements that rub or vibrate.
6) The machine has a timer for starting, with a prior drainage and allowing for water refilling for the production cycle.
7) Check that the injectors send water to the evaporator in the correct direction (uniform fans).
8) Check the ice cubes after two cycles; they should be uniform. If they do not come out correctly, or the unit does not make ice, contact an authorized technical service.
9) The unit produces ice until it stops due to the tank being full, with a stop sensor. When the ice is removed from the tank, the unit will resume ice production.

ATTENTION:
INSTRUCT THE USER ON MAINTENANCE, LETTING THEM KNOW THAT
MAINTENANCE AND CLEANING OPERATIONS AND DAMAGES CAUSED BY THEIR OMISSION: ARE NOT INCLUDED IN THE WARRANTY

MAINTENANCE AND CLEANING INSTRUCTIONS AND PROCEDURES

WARNING: Maintenance and cleaning operations, and breakdowns caused by their omission: Are not included in the warranty.
Only with proper maintenance will the machine continue to produce good quality ice and be free from breakdowns.
The maintenance and cleaning intervals depend on the conditions of the installation site and the quality of the water.

WARNING: At a minimum, a review and cleaning must be done every six months.
In very dusty places, cleaning the condenser may need to be done every month.

MAINTENANCE AND CLEANING PROCEDURES

**WARNING: For all cleaning and maintenance operations: disconnect the machine from the electrical power supply.

DO NOT USE HYDROCHLORIC ACID

1. Air condenser

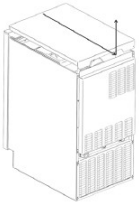
1) If the machine is on, turn it off by pressing the On/Off button.
2) Remove the air vent and clean it with the help of a vacuum cleaner equipped with a brush, non-metallic brush, or low-pressure air.

2. Cleaning the stock tank and exterior.

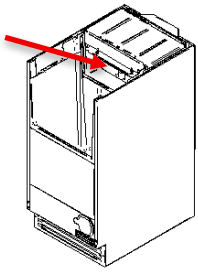
1) If the machine is on, turn it off by pressing the On/Off button.
2) Turn off the water and empty the ice stock.
3) Use a kitchen cloth with plenty of water and soap.
4) Let the tank dry. Turn on the water.

3. Maintenance cleaning.
As the scheduled time for maintenance cleaning elapses, the corresponding LED remains lit with a steady red light (LP41). For the cleaning procedure, a cleaning solution of approximately 10 liters should be prepared. The procedure is as follows:

1) If the machine is in operation, turn it off with the ON/OFF button.
2) Press and hold the ON/OFF button and the maintenance button simultaneously for 5 seconds.
3) Remove the cover to access the hydraulic circuit by unscrewing the two rear screws and sliding the cover slightly backward and lifting it.



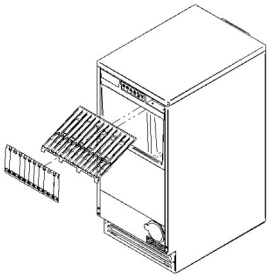
4) Wait 30 seconds and then pour the solution into the ice-making tank.



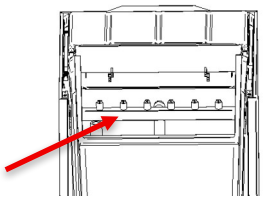
5) The machine will perform the cleaning for 30 minutes.
6) Once the cleaning cycle is complete, after rinsing, the machine will remain in off mode.

4. Cleaning of the collector and nozzles
To clean the collector and nozzles, follow these steps:

1) If the machine is in operation, turn it off with the ON/OFF button.
2) Remove the curtain and the ice discharge grid, and clean with a non-aggressive product. Rinse, clean with bleach, and rinse again with water.



3) Lift and remove the collector from the unit:



4) Remove injectors and clean injectors and collector as in the previous parts.
5) Clean the connection filter with the manufacturing pump (press-fit assembly)
6) Install the filter, injectors, and collector.

WARNING: IT IS VERY IMPORTANT, WHEN REINSTALLING THE COLLECTOR, THAT THE INJECTORS ARE COMPLETELY PERPENDICULAR TO IT. IF THEY ARE TWISTED, THE END CUBES MAY BE LEFT WITHOUT WATER.



7) Install the expulsion grid and curtain

5. Cleaning of inlet filters

They tend to clog in the first few days of the machine being in operation, ESPECIALLY WITH NEW PLUMBING INSTALLATIONS.

Close the water valve, release the hose, and clean it under the water tap. Open the water again after reassembling it

6. Water filter replacement

The machine will indicate that the filter needs to be changed when the “F” button is lit steadily. The procedure is as follows:

1) If the machine is in operation, turn it off with the ON/OFF button.
2) Remove the filter cover and take out the filter by turning it 1/4 turn counterclockwise.
3) Install the new filter by turning it 1/4 turn clockwise
4) Press and hold the ON/OFF button and the maintenance button simultaneously for 5 seconds to reset the counter

7. Water leak control

Whenever maintenance is performed on the machine, check all water connections, the condition of the clamps, and hoses to avoid leaks and prevent breaks and flooding.

WATER QUALITY AND WARRANTY

In areas with water hardness outside the range of 15ºF to 40ºF, filters or de-scaling systems will be necessary to protect the ice machine. The manufacturer's warranty will not apply if the aforementioned protective measures have not been installed when required.