



- I) Main switch
- II) Water tap
- III) Water inlet pipe
- IV) Earthed socket
- V) Earthed plug
- VI) Water waste pipe
- VII) Electric supply cable L = 1800

- VIII) Water waste $\varnothing \frac{3}{4}$ "
- IX) Water inlet $\varnothing \frac{3}{4}$ "
- X) Adjustable feet mm 120 / mm 140

The hermetically sealed device contains fluorinated greenhouse gases or needs them in order to function.

GB USER MANUAL - HOLLOW ICE CUBE MACHINES

Many thanks for selecting our product and we wish you a long and problem free use for many years. In every complain or communication about the ice machine with the manufacturer or the distributor indicate the model and serial number.

CAUTION: HANDLE CAREFULLY TO AVOID DAMAGE TO THE REFRIGERATING CIRCUIT

CAUTION: FOR INSTALLATION IN A KITCHEN, ADD THE EQUIPOTENTIAL EARTH SYSTEM

CAUTION: DURING OPERATION OF THE ICE MACHINE, PAY ATTENTION TO THE MOVING MECHANICAL PARTS

CHECK AT DELIVERY

- 1) The packing is intact.
 - 2) The delivered ice machine with the purchase order.
 - 3) The ice machine is not damaged during transport and no parts are missing.
- In case of damages or missing parts, report immediately to the delivering carrier or your supplier.

INSTALLATION PROCEDURE

- 1) Carefully read all the applicable national regulations for connection to the water supply network.
- 2) The ice machine must be installed in conformity with national installation regulations.
- 3) The ice machine is not suitable for outdoor use.
- 4) The ice machine is not suitable for installation in areas where jets of water may be used.
- 5) The ice machine must be installed only in places where operation and maintenance are performed by qualified personnel.
- 6) Only persons with knowledge and practical experience of the ice machine, in particular as regards safety and hygiene standards, should be allowed access to the service area.
- 7) The ice machine is not designed for use by persons (including children) with reduced physical, sensorial or mental capacity, or with no experience or knowledge, unless they are supervised or instructed in use of the equipment by a person responsible for their safety.
- 8) The weighted sound pressure level "A" is below 70 dB.
- 9) Remove the ice machine from its packing and place it in the desired position, ensuring that it is perfectly horizontal (feet are adjustable) and well away from heat sources. Also the ambient must be ventilated.
- 10) Air inlets and outlets should be kept at least 20 cm from walls.
- 11) Ambient temperature must not be lower than 5°C or higher than 35°C for a satisfactory yield and to prevent freezing.
- 12) Power supply must be 230 V single phase. The maximum voltage variation permitted is $\pm 6\%$. It is advisable to protect the main switch by means of a fuse.
- 13) An earth terminal is essential.
- 14) Drink water supply pressure must not be less than 1 bar (kPa) and not higher than 6 bar (600 kPa). Water temperature must be between 5°C and 20°C for a satisfactory yield.
- 15) Should the room and/or the drinking water temperature fall below 10° C, you may need the bin thermostat to be adjusted by an authorised installer for its proper functioning.
- 16) Drink water is supplied through a flexible hose (provided with the machine) which should be connected to the water mains by means of its 3/4" BSP threaded connection. Only with drink water. When replacing the pipe, the gaskets should also be replaced. In the case of drinking water with a hardness higher than 10 dH and a conductivity of 300, we recommend using purified water for a smooth operation and a longer life of the machine.
- 17) The drain pipe must have a drop of at least 15%. If the drain is far from the ice machine use a larger diameter hose, ensuring that it is not twisted or kinked at any point. Note, use an open vented drain.
- 18) If the power supply cable is damaged, it must be replaced by the manufacturer or its technical support service or in any case by a person with a similar qualification, in order to prevent all risks.

STARTING UP

After checking all the previous points:

- 1) Turn the water supply tap on.
- 2) Place the plug in the power socket with main switch. If the unit is only equipped with an electrical cord for power supply, the authorized service company must connect the lead wires to an electrical plug that corresponds to the local electrical requirements or to a separate two poles disconnect switch with opening between the contacts of minimum 3 millimeters, very close to the ice machine to be reached easily and promptly.
- 3) Turn on the main switch. The self-contained machines start immediately.
- 4) After stopping the machine operation by the main switch, wait at least 5 minutes before re-starting it again.

OPERATION

The cycle begins with the water inlet phase from the mains. The paddle motor and the compressor are in operation, the hot gas valve is close. After the evaporator bin is filled up the water inlet valve close itself automatically (float) and the production phase starts. The water is cooled down by the evaporator fingers immerse into the water in the evaporator bin. The water forms a series of layers of crystalline ice on the evaporator fingers, thus forming the hollow cube. When the ice cubes reach the required dimension and the paddles and the paddle motor starts automatically the defrosting phase (paddle motor in active, compressor and hot gas valve open). The cubes are released and fall into the storage bin. Excess water flows out by moving the evaporator bin. Now a new cycle starts. This is repeated until the storage bin is full of ice, then the machine stops automatically (bin thermostat). After the ice has been removed the production will start again automatically (bin thermostat).

CAUTION: ICE IS FOR HUMAN CONSUMPTION, WASH YOUR HANDS BEFORE HANDLING, KEEP MACHINE BIN LID CLOSED AND ENSURE REGULAR CLEANING OF ALL UTENSILS AND PARTS IN CONTACT WITH THE ICE.

MAINTENANCE AND CLEANING BY THE USER - DISCONNECTING POWER AND WATER SUPPLY.

- 1) The ice machine cannot be cleaned with a jet of water.
- 2) Clean the ice storage bin, using a detergent diluted in warm water and rinse it with warm water.
- 3) Clean the bodywork with a soft damp cloth with a specific product.

ROUTINE MAINTENANCE (EVERY 6 MONTHS) - AUTHORIZED SERVICE ONLY

- 1) Clean the solenoid valve filter.
- 2) Clean the condenser wins with a soft brush each month.
- 3) Clean the ice production system and the storage bin.
- 4) In the event of lengthy idle periods clean all the parts of the ice machine.

This appliance conforms to EEC Directive EEC 2006/42 - EEC 2014/30 and EEC 2014/35