I DESCRIPTION OF CONTROLS

Control panel	Icon	Description
		On / Off button
		Voltage presence LED (machine connected to power mains)
		Cooling circuit in operation ***Steady LED***: cooling/ice cube making stage ***Flashing LED***: defrosting/ice cube dispensing stage
		Fault *(see section on warnings and alarms)*
		Extraordinary maintenance required
		Active Wi-Fi connection *(requires Wi-Fi module option)*
		An on/off timer has been set *(option only available on some models)*
	HELLO	Display
		ICE CUBE MENU Button to set cube size and ice level in bin Negative adjustment button in menu
		USER AND SERVICE MENU Multifunction button to access menu, skip *(see dedicated section)* Positive adjustment button in menu
	ESC	Exit menu

I.1 Color codes of the ON/OFF button

	FLASHING YELLOW: active warning		**RED:** alarm **FLASHING RED:** bypassable alarm
	GREEN: full bin		**WHITE:** in menu **FLASHING WHITE:** TEST-IN / OUT menu active exit
	BLUE: ice cube production in progress **FLASHING BLUE:** water tank fill in progress		

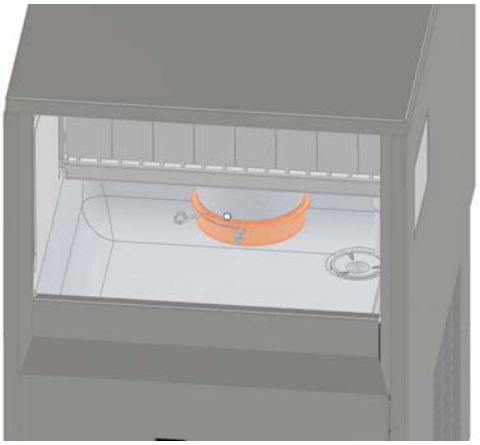
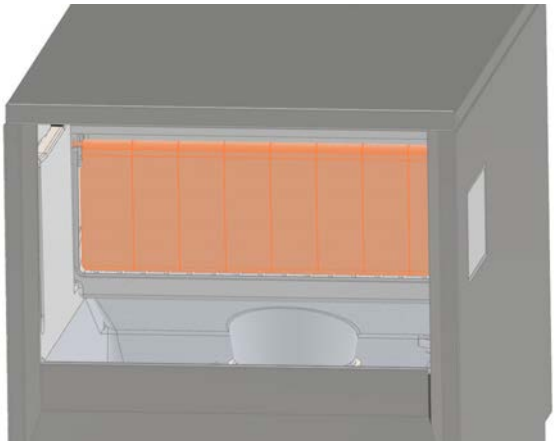
J START-UP

J.1 Start-up

The user must have sufficient knowledge and experience in order to read and understand the information in this manual, interpret the signs and symbols on the machine, and carry out safety operations (e.g. turn off the main switch if water leaks are detected or in case of malfunction causing unusual noises).

J.2 Preliminary checks and interior cleaning

Before operating the machine, make sure that there are no objects inside the bin.
Disconnect the ice maker from the power mains and thoroughly clean the interior, using a sponge moistened with lukewarm water mixed with a little baking soda, then rinse with pure water and dry thoroughly.

	
Check that the rubber plug of the tank is correctly inserted and fastened with the special metal spring clamp.	Check that the flap holder is correctly inserted in place.
	
Close the door. To ensure productivity and avoid wasting power, keep the door closed during operation.	In air-cooled versions, make sure the air filter is always in place.

After running all above-listed checks:

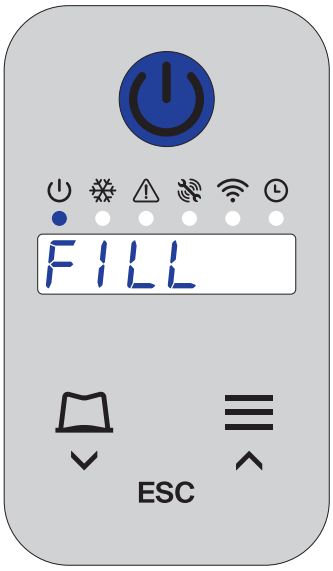
- Make sure the power cable is connected to the control panel.
- Make sure the drain pipe is correctly inserted and on a slope into the drain trap.
- Make sure the inlet pipes/s is/are correctly installed and the water tap is open.

IMPORTANT: before switching on the machine, make sure the water tap is open. Starting the ice maker without water may seriously damage the pump and freeze the evaporator ***(ALARM 12).***

In water-cooled versions, lack of water will overheat the condenser, generating **ALARM 13**, which may only be reset by a specialized technician.

J.3 First switch-on

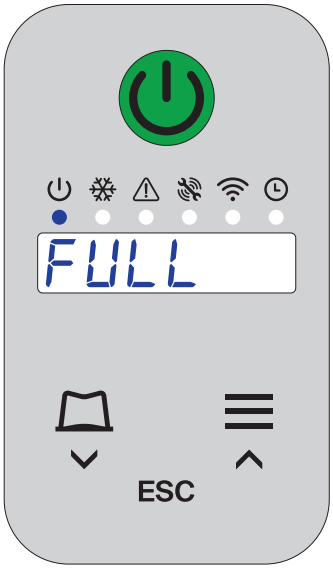
Press the **ON/OFF** ⏻ button to switch on the machine.
A greeting message will appear on the display, then the ice maker will start filling with water.



Once the machine has been switched on, the filling will start.
During the water filling process, the display will show the message ***"FILL"*** and the **ON/OFF** button will flash blue:

Once filling is complete, the ice maker will start making ice cubes. Production is on a continuous cycle, until the ice cube bin is full.
During this stage, the display will show the message ***"ICE"***.

The LED for icon ❄ stays on during the ice making stage, while it flashes when the ice cubes are released.



The ice cube production cycle stops as soon as the bin is full. This level is established by the ***"LEV"*** setting, which can be modified in the **ICE CUBE** *menu (see **SETTINGS** section).*

The production cycle restarts automatically when ice cubes are collected. Remove any ice chips that have gathered on the probe, so that production resumes faster (see steel tube inside bin).

! At first installation, we recommend discarding the first 5 cycles of ice *(about 2 hours of operation)*

J.4 Turning off and turning on afterwards

Press the **ON/OFF** button to switch off the machine.
The **OFF** message is shown on the display, which remains visible for 10 minutes, then the ice maker enters energy-saving mode by removing visuals from the display. Only the voltage present indicator light will remain lit.

After successive power-ups, the ice maker will check the temperature of the evaporator before starting water filling.

If the evaporator is frozen, a defrost cycle will run after which it will switch to the filling phase.

During the heating phase the message **START** will be shown on the display.

If the evaporator is not frozen, it will go directly to the filling phase ***(FILL).***

IMPORTANT
Before disconnecting power to the ice maker, we recommend turning it off by pressing the **ON/OFF** button.
To avoid damage to the printed circuit board, do not remove the plug or lower the upstream protective device without first turning off the ice maker.

During the filling phase, if the tank is already full of water, it is possible to force the start of the production phase by holding down the menu button for 6".

The display shows the message **SKIP** and the LEDs above the screen light up in succession. When **SKIP** is finished, the ice maker will move on to the next stage.

IMPORTANT
Make sure the tank is full of water before performing SKIP to avoid damaging the pump and freezing the evaporator.

K SETTINGS

K.1 Settings

There are 2 menus for setting operation of the ice maker:
Press the button to access the **ICE CUBE** menu.
Press the button to access the **USER/SERVICE** menu.

Inside the menus, use the arrow keys to scroll through the menu items.
Press the **ON/OFF** button to edit the displayed menu item.
Use the arrow keys to change the displayed value.
Save any changes by pressing the **ON/OFF** button.
Press button **ESC** to quit the menu.

K.2 Ice cube menu

In the **ICE CUBE** menu, you can adjust the cube size and the ice level in the bin.
You can also access the menu while the machine is running. There are 2 items in the menu:

- **DIM**: for setting the ice cube size. You can set the size from 1 *(smallest cube)* to 10 *(largest cube)*. Refer to the image below to adjust the cube size appropriately.

01: Too big
02: Just right
03: Too small

- **LEV:** For setting the ice level in the bin. You can choose between **MAX** (maximum level) so that it fills to the level of the bin probe, or **MIN** (eco level) which amounts to about 30% less than the maximum level.

The ice maker adjusts the quantity of ice in the bin depending on ambient temperature. To enable the bin probe to work properly, we recommend always keeping the door closed.

K.3 User and service menu

In the USER/SERVICE menu, you can choose between:

- **SERVICE**: menu for installing technicians, for setting the ice maker operating parameters. Password-protected menu.
- **USER**: user menu showing the same menu items as those in the **ICE CUBE** menu. Only some models allow setting the clock and scheduled on/off settings.

K.4 Clock and schedules

Some models feature a clock for setting the on/off times for all days of the week.
To access the clock settings, enter the USER menu, where you will find:

- **CK**: clock. Press the **ON/OFF** button to edit and use the arrows to set the time.
- **ON**: power-on time. Press the **ON/OFF** button to edit and use the arrows to set the power-on time for the entire week. The **OFF** setting cancels the scheduled power-on time.
- **OFF**: power-off time. Press the **ON/OFF** button to edit and use the arrows to set the power-off time for the entire week. The **OFF** setting cancels the scheduled power-off time.

L CARE AND MAINTENANCE

L.1 Care and maintenance

Cleaning and maintenance must be carried out by the owner and/or the user of the ice maker at least once a month. In order to reduce the environmental impact of pollutants, we recommend cleaning the appliance with products which are at least 90% biodegradable. Any limescale can be removed by using a little vinegar.

Before turning off the machine to begin cleaning, we recommend waiting until the ice cube dispensing cycle is complete.

If the ice maker is in the ice cube production phase, press and hold the ☰ menu button for 6” to switch to the ice cube dispensing phase. During the 6”, the message **SKIP** will be shown on the display.

Wait until all ice cubes have been released, turn off the machine and be sure to disconnect from the power supply by operating the main switch and unplugging before cleaning or maintenance.

Do not use mechanical devices to accelerate release of the ice cubes due to risk of damaging the refrigeration system

WARNING
Refer to “WARNING AND SAFETY INFORMATION”

To prevent water stagnation, remove the rubber cap of the tank by releasing the metal spring clamp. This will empty the water tank completely

L.2 Disassembling internal components

01 Remove the pump filter located under the rubber plug of the water tank. To remove it, simply pull downward (figs. 1 and 2)

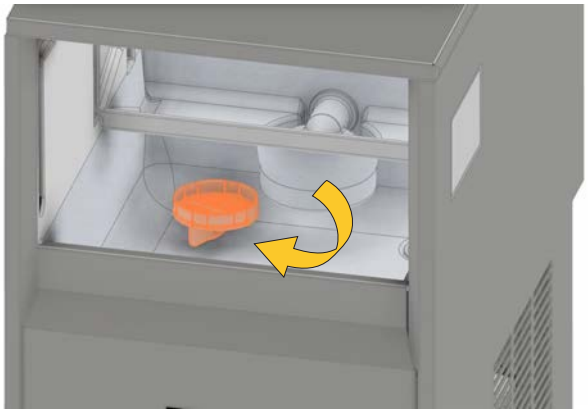


Fig. 1

Fig. 2

02 Remove the flap panel. To remove it, pull upward to release it from its seat (figs. 3 and 4)

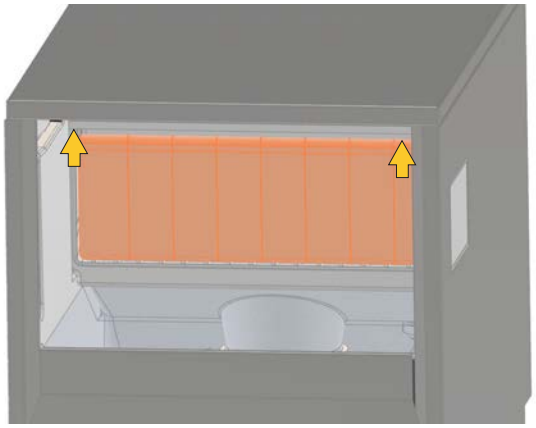


Fig. 3

Fig. 4

03	Remove the ice cubes slide. To remove it, unhook the top part by pulling upward (figs. 5 and 6)

Fig. 5

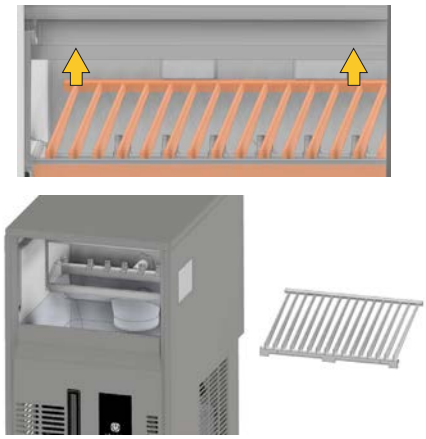


Fig. 6

04	Remove the feed pipe with the nozzles. Extract the feed pipe from its side slots and pull to remove it from the outlet pipe (figs. 7 and 8)

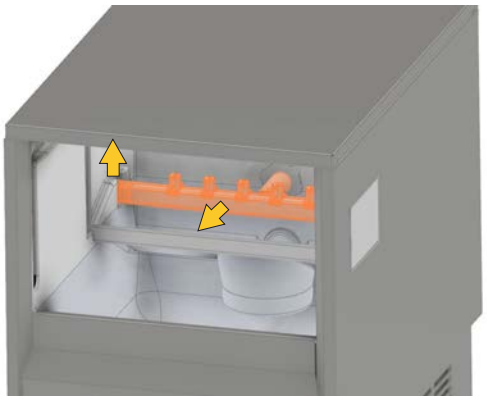


Fig. 7

Fig. 8

05	Remove the overflow by pulling it upward (fig. 9)

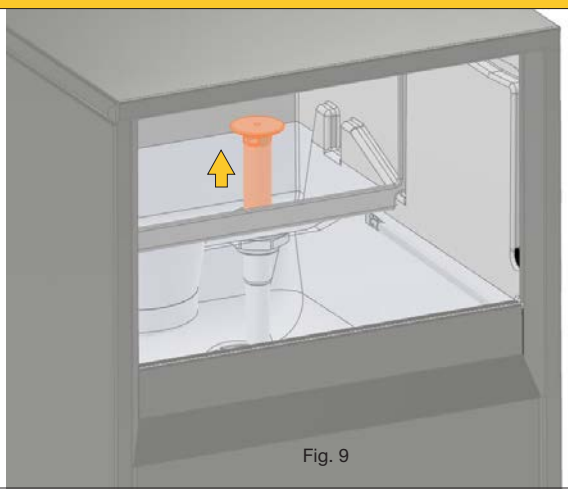
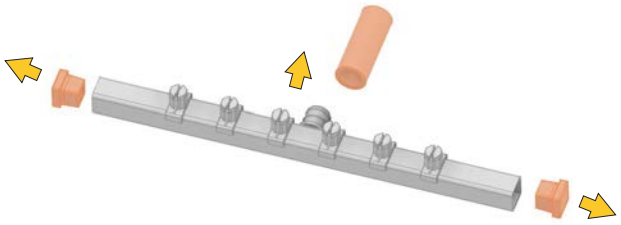


Fig. 9

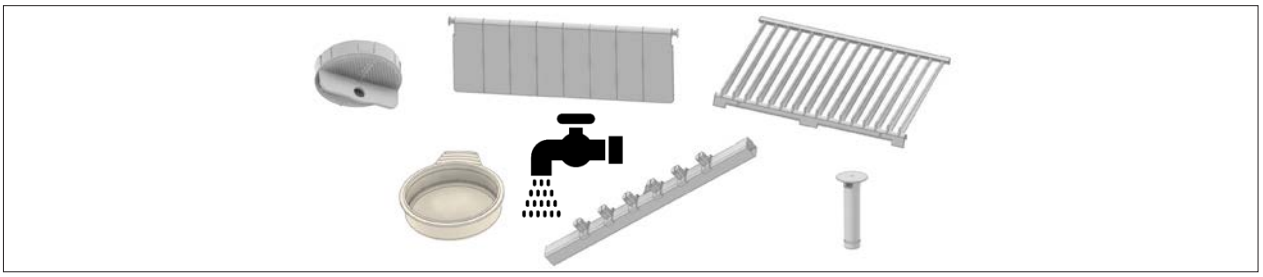
L.3 Disassembling the feed pipe

For a thorough cleaning, the feed pipe can be disassembled by removing the side caps and the rubber hose. Clean the nozzles and feed pipe interior thoroughly, using a plastic pipe cleaner. Do not use metal tools that can irreparably damage components.



L.4 Cleaning disassembled components

Clean all disassembled parts with a disinfectant solution consisting of water and sodium hypochlorite in the concentration of 230mg/L, soaking for 20-30 minutes. Rinse thoroughly under running water.



L.5 Cleaning the well

Clean internal parts that cannot be disassembled using a sponge dampened in lukewarm water combined with baking soda. Rinse with pure water and dry thoroughly.

We recommend avoiding using abrasive sponges or metal scouring pads as they can permanently damage the well.

L.6 Cleaning external parts

Clean external parts only with products specifically designed for cleaning stainless steel.
Do not use corrosive products such as sodium hypochlorite or acids.
Do not clean the appliance with direct or high pressure jets of water.
Always keep the ventilation slots clean by vacuuming up any dust accumulation.
When cleaning the display, we recommend not using metal objects that can scratch the protective membrane or harsh detergents. Just wipe with a soft cloth moistened with a little water.

L.7 Cleaning the air filter

Air-cooled ice makers are equipped with a dust filter to protect the condenser. To maintain the ice maker's efficiency over time, we recommend periodically cleaning the filter by vacuuming out accumulated dust or washing it under running water.

After 300 hours of operation, a FILTER message will appear on the display indicating that it is time to clean the filter. This message appears every 30 seconds and is reset by turning the machine off and on again.

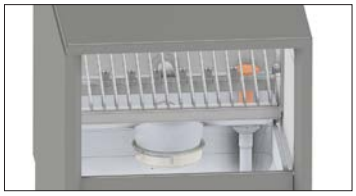
Do not wash the filter with detergent.
Do not install the filter on the machine while it is still wet.
Do not operate the machine without a filter.
Do not operate the machine with a clogged filter.

L.8 Reassembly

After cleaning is complete, we recommend that all components be reassembled, taking care to ensure that all parts are properly inserted into their proper seats. If you find damaged components, do not operate the machine and contact your service center to request a replacement.

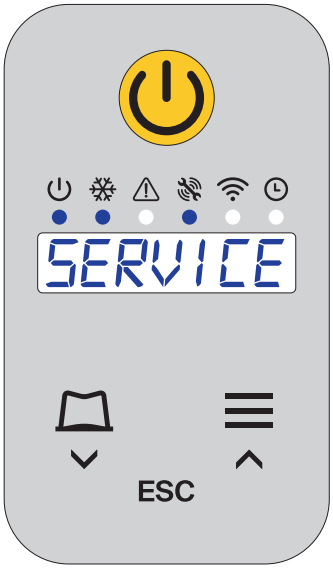
After sanitizing, we recommend discarding the first 5 cycles of ice (about 2 hours of operation)

L.9 Emptying the tank with ice in the bin



At the end of the day, after turning off the ice maker, we recommend emptying the water tank. If you want to keep the ice stored in the bin, you can empty the tank by removing the overflow located under the ice cubes slide (in which case the tank will be partially emptied).
To access the overflow, remove the flap panel and the slide. After emptying, remember to correctly reposition all components before restarting the ice maker.

L.10 Extraordinary maintenance



At fixed intervals depending on hours of operation, the **SERVICE REQUIRED** message will appear on the display and the maintenance wrench light will come on, indicating that it is time to perform a general check of the internal components.

You can continue using the ice maker, but we recommend that you contact your authorized service center as soon as possible for the necessary checks.

M MAINTENANCE AND DISPOSAL TABLE

M.1 Maintenance and disposal

To ensure the appliance continues to be in good working order, we recommend carrying out the checks respecting the frequency indicated in the following table:

Maintenance, inspection and cleaning	Frequency	Person responsible
Water tank emptying	Daily	User
Routine cleaning and sanitizing of the appliance (interior/exterior)	Monthly	User
Cleaning the air filter (air-cooled versions only)	Every 300 hours of use	User
Sanitizing evaporator	Yearly	Service
Cleaning the condenser (air-cooled versions)	Yearly	Service
Cleaning solenoid valve filter	Yearly	Service
Checking integrity of power cable and inlet/outlet hoses	Yearly	Service
Checking proper operation of electrical parts, and checking condition of electric wires	Yearly	Service

M.2 Periods of non-use

If the appliance is not going to be used for some time, take the following precautions:

- Turn off the water supply tap/s;
- Disconnect the power supply or remove the plug from the power socket;
- Completely empty out the bin and water tank;
- Remove and thoroughly clean all internal components *(see chapter **CARE AND MAINTENANCE**)*;
- Thoroughly clean the internal parts of the appliance;
- Clean the ice maker by vigorously wiping the exterior stainless steel surfaces with a cloth lightly soaked with paraffin oil to create a protective film;
- Clean the air filter if present;

M.3 Appliance disposal

At the end of the product's life-cycle, make sure it is not dispersed in the environment. Dismantling of the appliance must be done in compliance with the regulations in force in the country of use.

The symbol on the product indicates that this item should not be treated as domestic waste but must be correctly disposed of in order to prevent potentially harmful consequences to the environment and to human health. For information about the recycling of this product, please contact your sales agent or dealer, your Customer Care Service, or your local waste disposal service.

Symptom	Type of problem	Possible causes	Corrective actions
The ice maker does not turn on	Impeding performance	The machine is not connected to the power supply	Check that the ice maker plug is plugged in. Check that the circuit breaker for the power cable is on
The ice cube is too big	Loss of performance	Ambient temperature and supply water too low	Adjust the cube size by lowering the DIM value in the ice cube menu
The ice cube is too hollow	Loss of performance	Ambient temperature and supply water too high	Adjust the cube size by lowering the DIM value in the ice cube menu
Some ice cubes have holes, are deformed or are not fully formed	Loss of performance	Feed pipe or ice cubes slide not correctly installed	Reposition the feed pipe and ice cubes slide in their seats
The bin is too full	Loss of performance	The ice maker is operating with the door open	Always keep the door closed during operation
The pump is not on and the display is showing Alarm 12	Impeding performance	The wash pump is blocked or the printed circuit board is not working	Contact technical assistance
The air-cooled ice maker is not filling with water and the display is showing Alarm 12	Impeding performance	Closed water tap	Open the tap, turn off the ice maker and wait 10 minutes before turning it on again
		Solenoid valve not working	Contact technical assistance
The water-cooled ice maker is not filling with water and the display is showing Alarm 13	Impeding performance	Closed water tap or solenoid valve not working	Contact technical assistance
The ice bin is filling with water	Loss of performance	Pinched, crushed or incorrectly installed drain pipe	Fix the drain pipe
		Drain pump (if present) not working	Contact technical assistance

N WARNINGS

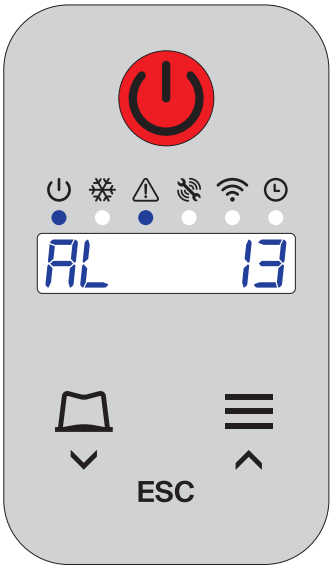
N.1 Display warnings

Warning messages may appear on the display if conditions occur which could compromise the proper operation of the ice maker.
No warning stops production of the ice cubes; however, resolve them as soon as possible to ensure the ice maker is always working correctly, avoiding loss in performance and increase in power and water consumption. The warnings are reported by means of the ON/OFF button flashing yellow and the message on the display:

Warning	Cause	Cure	View
FILTER	The condenser filter must be cleaned. Warning only appears in air-cooled ice makers.	As soon as possible, turn off the ice maker, remove and clean the filter, then turn on the ice maker again	Scrolling FILTER message
SERVICE	The threshold of operating hours for which scheduled maintenance is required has been reached.	Contact technical assistance to have scheduled maintenance performed and reset the partial cycle counter to zero	Scrolling SERVICE REQUIRED message In addition, the warning light switches on

O ALARMS

O.1 Display alarms



An alarm may occur when a component is malfunctioning, or due to incorrect operation by the user (e.g. failure to clean periodically or water shut off).

Some alarms stop the machine completely until the problem is resolved while other alarms can be bypassed by operating the ice maker with reduced functionality.

Alarm signals are indicated on the display with the letters AL followed by an error code; if the alarm is blocking the machine the **ON/OFF** button turns solid red, while if the alarm can be bypassed the **ON/OFF** button will be flashing red.

To bypass an alarm, press and hold the **ON/OFF** button for 5 seconds. The display will read "**ALARM BYPASS**". From this moment on, the ice maker will operate in a limited function mode until the problem is rectified. A bypassed alarm makes the LED light up.

To cancel the bypass, turn the ice maker off and on again.

O.2 Table of alarms

Alarm	Cause	User checks
AL01 (bypassable)	Ambient temperature outside operating range. The environment is too cold or too hot for the ice maker to operate correctly.	The alarm can be bypassed, but we recommend checking: possibly inadequate recess (poor air circulation) cleaning ventilation filter and grills improving ventilation of premises if the temperature is too low (<10°C) heat up the premises to prevent the components freezing
AL02 (impeding performance)	Evaporator cooling failure	Request technical assistance: possible gas leak from system
AL03 (bypassable)	Ice cube formation failure During the cooling phase, the evaporator temperature did not reach the value set within the scheduled time	Keep the door closed during operation of the ice maker The alarm can be bypassed, but if the problem persists, contact technical assistance
AL04 (impeding performance)	Evaporator defrost failure. During the defrost/ice cube dispensing phase, the evaporator temperature did not reach the value set within the scheduled time	Request technical assistance
AL07 (impeding performance)	Drain time-out (only for ice makers with drain pump). The drain pump did not empty the water tank	Check that the drain pipe is correctly positioned; if the problem persists, contact technical assistance
AL08 (bypassable)	Bin probe temperature outside range	Request technical assistance. The alarm can be bypassed by not checking the ice cube quantity in bin. After bypass, the ice maker will work for 3 hours. At the end of the 3 hours, operation will stop, and the display will show FULL.
AL09 (bypassable)	Evaporator probe temperature outside range	Request technical assistance. The alarm can be bypassed by not checking the evaporator temperature. The ice maker will work on a time basis instead of a temperature basis; the ice cubes may have a different size with respect to normal operation.
AL10 (impeding performance)	Condenser probe temperature outside range	Request technical assistance. The condenser temperature probe may be damaged
AL 11 (bypassable)	Ambient probe temperature outside range	Request technical assistance. The alarm can be bypassed by not checking the ambient temperature. The quantity of ice with the bin FULL may be different with respect to normal operation
AL 12 (impeding performance)	Evaporator temperature too low	Check that the water tap is open and that the water inlet hose is not pinched. Turn off the ice maker and wait 10 minutes before turning it on again. If the problem persists, contact technical assistance
AL 13 (impeding performance)	The condenser temperature has reached 70°C and the safety probe has blocked operation of the ice maker	Request technical assistance. possibly inadequate recess (poor air circulation) clean ventilation filter and grills improving ventilation of premises in the case of water-cooled appliances, check that the water tap is open and that the water inlet hose is not pinched. Reset can only be performed by an authorized technician

ALARM RESET: By turning the ice maker off and back on again, all alarms will be reset, except for Alarm 13, which can only be reset by an authorized service center.

This bypass should only be understood to be temporary emergency operation, and not normal operation. We recommend requesting an authorized technician as soon as possible to eliminate the cause that generated the alarm.

O.3 Power blackout

In the event of a power blackout, after power is restored, the ice maker will resume normal operation.