

EITC65/EITC95

GELATO SHOWCASE USER GUIDE (OPERATION MANUAL)

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2.CONGRATULATIONS AND THANK YOU!

Congratulations and thank you for acquiring a Gelato Showcase. If you encounter a problem with machine, please contact your local service technician.

Please familiarize yourself with the machine by taking some time to study this manual. If you get to know this little ice-cream factory, it has the potential of making good profit.

Notice and no warrantee: These pages are provided as a service and informational purpose only, and on the assumption that the recipient of the Soft-Serve Freezer and the operator of the Soft-Serve Freezer is competent to perform the required tasks, including, but not limited to operation and/or repair of power equipment, for which the information is provided, and that person is knowledgeable and mindful of proper safety precautions. Neither the manufacturer, nor any of their respective employees make any claims about the suitability or fitness of the information contained herein which is provided strictly on an "as-is" basis, without any express or implied warranty, guarantee, assurance of quality, conformity of specifications, reliability, functionality, or suitability. In no event shall the manufacturer and/or its employees be held liable, whether in contract or tort, to any party for any direct, indirect, punitive, or consequential damages, including, but not limited to lost profits and business interruption, arising out of any errors, typographical or otherwise, inaccuracies, omissions, or delays arising out of or pertaining to the use, reliance on, or inability to use any type of information, part, or good, even if notified in advance about the possibility of such action. Information in this manual is subject to change without notice. All rights reserved.



BEFORE USING THE MACHINE READ CAREFULLY THIS MANUAL. PAY ATTENTION TO THE SAFETY INSTRUCTIONS.

3.SYMBOLS IN MANUAL



WARNING

When you see this symbol on your freezer or in this manual, be alert to the potential for personal injury. Follow recommended precautions and safe operating practices.

	ELECTRIC DANGER This symbol indicates the presence of electric shock hazards.
	NOTE It points out significant information for the stuff involved.
Mrs sm	PROTECTIONS This symbol means that operator must use protection against an implicit risk of accident.
K	MACHINE OPERATOR He/She is the person who has no specific expertise and she/he will operate the freezer.
Ť ľ	MAINTENANCE ENGINEER He/She is a skilled engineer for the operation of the machine under normal conditions; he/she is able to carry out interventions on mechanical parts and all adjustments, as well as maintenance and repairs. He/She is qualified for interventions on electrical and refrigeration components.

4.CONTACT DETAILS & HELP DESK

When calling the manufacturer have the following information ready:

1.Serial Number: Found on body panel

- manufacturer
- manufacturers address
- model
- ID number
- manufacturer type
- power supply voltage
- nominal frequency
- maximum current
- cooling gas type
- cooling gas weight
- power
- GWP
- CO2 Equivalent Units

2. A brief description of the problem

5.ELECTRICAL CONNECTION NOTICE



1. Please make sure that the power supply conforms to the electrical data label (Rating Plate).

2. Check the data label (Rating Plate) for the required circuit breaker amperage. Only plug into an electrical wall socket that complies with the required amperage of the machine.

3. Machine should be installed according to the local authority electrical code/regulations it is used in, as well as to other work health and safety requirements. If you are not sure, please contact your local authority for details.



4. This symbol indicates the presence of electric shock hazards. Inside the enclosures of the machine there are electrical shock hazards, therefore, <u>DO</u> <u>NOT</u> remove any panels if you are not a qualified technician of an authorized service provider.



5. **WARNING**: To avoid risk of injury from electric shock, if you are not a qualified and duly authorized service technician, do not open the enclosure panels on the sides and back of the machine.

6. The power supply must be properly grounded to prevent electrical shock. Check with a qualified installer for compliance.

7. The fuse must be 220-240V, 50 Hz 16 Amp or 380-400V, 50 Hz 16 Amp (Before plugging in the machine, see metallised label on the back of the machine.)

6. WARNINGS & SAFETY



Read and understand all safety messages in this manual. The information provided in this manual concerns your safety. Read and understand the safety decals on your freezer. To safeguard both the display unit and the operator, all safety equipment must be kept in good working order. Take notice of the location of all decals on the freezer and keep the safety decals in good condition. Check them periodically and replace missing, damaged or illegible safety decals. The safety decals must remain in place and legible for the life of the freezer.

Keep your Freezer clean and tidy. When it needs repairing, work with an authorized service agent.

The manufacturer is concerned about the safety of the person/s using the machine. Therefore please take note and abide by amongst others, the following WARNINGS:



- The installation must be completed by a qualified technician, following the manufacturer's instructions.
- > Never allow the power cord to come into contact with heat sources or sharp surfaces. The power cable should not sag over the working surface.
- The power cable should not be folded, twisted or tangled and must always be kept fully open.
- Never place the device or other objects on top of the power cord.
- Do NOT move or lift the device while the device is running.
- Do NOT damage the parts of the refrigeration cycle.
- Always follow local authority food safety and other health codes.
- Always follow in-store operating and food hygiene safety and other health code.
- Do not clean the machine with high-pressure water.
- Use potable water to clean the parts.
- > **Do NOT** use the machine before studying this User Guide. Failure to follow this instruction may result in equipment damage, poor performance, health hazards or personal injury.
- > A potential risk exists if the User Guide instructions and other safety precautions are not strictly followed.
- > **Do NOT** allow anyone to attempt any repairs to the machine, unless the main power supply to it has been disconnected from the power supply point.
- > Never open the panels to reach inside the Freezer body. (Only by authorized technicians)
- Technical maintenance must be done by authorized technicians.









- **ķ**
- Using non-original spare parts can cause the display unit to malfunction in a way that is hazardous for the operator and persons in the vicinity.
- Do not, under any circumstances, modify any part of the display unit without express authorisation in writing from the manufacturer.
- The display unit should only be used by authorized personnel. These personnel must be one who has read the instructions in full, having understood the concepts expressed in the publication and, if necessary, having received the training given by the manufacturer.

7. LIFTING AND TRANSPORTATION

WARNINGS FOR SAFE OPERATION



Pay due attention to legally required safety measures.

At work wear suitable clothing. Do not wear ties, jeweler's chains or belts, which could get caught in the machine.



Do not shift or dislocate the safety switches or protective parts. Make sure that the lifting device is in good condition and that its load Capacity exceeds the weight of the appliance (refer to the technical specifications data sheet).

Lift the appliance following the instructions for its use and maintenance, Pay attention to the handling and handgrip locations. The use of a suitable lifting device is recommended.



While lifting or moving the appliance do not stand under the machine. Do not turn the appliance after holding the cables or the water hose has lifted it.

If you have to attend to any work higher up above the appliance, you should use a suitable ladder and not the appliance for support.



On reception, check that the delivery is conforming to the order and the user instructions are included. On delivery of the display unit, check for damage and missing parts. If you find any damage or missing parts, contact the manufacturer or local representative. On reception of the goods, report any non-conformities, missing materials or evident damage immediately to the

manufacturer, note them on the delivery document and send a detailed claim to the shipping agent's insurance company, complete with photographs.



NOTICE: The manufacturer will not take any responsibility if the users do not follow all the instructions as described in this User Guide.

8. INSTALLATION

8.1 BEFORE THE INSTALLATION

The following must be observed before using the product and installing.

- Do not place your product in the area of direct sunlight, heat sources such as stove, heating pad, oven, cooker, radiant and infrared.
- Otherwise, this may cause the performance of your product to fall, become damaged or unusable.
- Your product is set to 220 240 V 50 Hz city electricity. Using a different voltage may cause the cooler to become unusable and cause a fire.
- Our company is not responsible for any malfunctions or damages that may arise in the event of usage without grounding.
- In the event of a sudden power cut, remove the plug from the outlet. For re-start, wait 20 minutes after the electricity arrives; put the product's plug prize. The high voltage that occurs when the electricity first comes on can cause damage to your product and cause fire.
- The product you have purchased has been designed and manufactured with the intention of exposing only open or packed ice cream. Please do not use it for other purposes.
- Your product does not have sterilization effect on microorganisms. Therefore the food you put in your product must be in accordance with the hygiene requirements. Otherwise, microorganisms that grow in food can threaten your health.
- Do not put any material that should not cool into your product. Do not use your product to thawing frozen foods.
- Fluid leaks from freezing cans that are not properly positioned can cause corrosion in the metal part of your freezer display cabinet, gas escape in the cooling circuit, or wrapping or cracking in plastic parts. Together with these hygiene conditions of the odor to disappear, urea by microorganisms can cause health threat to come to satisfactory levels.

8.2 SELECTION OF INSTALLATION PLACE

In order for your product to work smoothly, the environment in which the it will work is very important. Before you install the product, pay attention to the following items.

- > Do not position your product so that it is exposed to open air.
- Be careful not to put cardboard, box material etc. in front of the bottom louvres so that your product can cool well.
- > Take care to position your product away from sources of heat or heat.
- > Your product is positioned at a point far from where the air flow is intense.
- Do not locate your product where the direct sunlight is going. It will increase the operating time of the product coming into direct sunlight will increase the energy consumption of glass.
- If your showcase is located on the right, left or front wall or any device, it is recommended that you leave a clearance of at least 15 cm between the product and any surfaces or devices that will shut the product down.
- Whatever your circumstances, turning off the compressor ventilation of your product will adversely affect the performance of your device.
- > Do not place your product on a sloping surface to avoid any falling or tipping problems.

9. STARTING

Before operating the product, clean the product according to the cleaning instructions. The components on the control panel at the bottom of the product and their working modes are as follows.



Green Key: It provides energy to the device. Yellow Key: The LED on the device allows the lights to be turned on. Dixell Digital Thermostat: Electronic multi-purpose thermostat that adjusts the temperature.

Your product's internal temperature is set in our factory so that you can keep and protect your food stored in the appliance. You can check the internal temperature of the product from the digital thermostat display on the control panel. You can also adjust the desired temperature with this thermostat.

If you run your product at the factory set temperature, you will get the best results both in terms of performance and energy consumption.

Run your product for at least 3 hours. This ensures homogeneous heat distribution throughout the device.

The digital thermostat on the product is set in the factory and does not require adjustment. You can change the digital thermostat as follows. Digital thermostats contain many parameters. If you think there is a problem with the cooling of your device, please contact the technical service.



To display and modify target set point; in programming mode it selects a parameter or confirm an operation. By holding it pressed for 3 sec when max or min temperature is displayed it will be erased.



(UP) To see the max stored temperature; in programming mode it browses the parameter codes or increases the displayed value. By holding it pressed for 3s the fast freezing cycle is started.

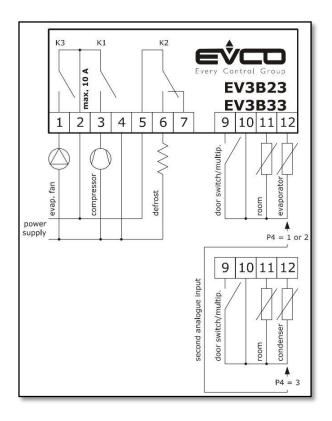


(DOWN) To see the min stored temperature; in programming mode it browses the parameter codes or decreases the displayed value.



ELECTRIC CONNECTION

Electric connection



Warnings for the electric connection

- do not use electric or pneumatic screwdrivers on the device terminal board
- if the device has been taken from a cold to hot place, humidity could condense inside; wait about 1 hour before powering it
- check that the power supply voltage, mains frequency and electric power fall within the set limits
- disconnect the device power supply before proceeding with any type of maintenance
- position the power cables as far away as possible from the signal cables
- for repairs and information regarding the device, contact the EVCO sales network

USER INTERFACE

Preliminary notes

Operating statuses:

- "on" status (the device is powered and is on; utilities may be on
- "stand-by" status (the device is powered but is switched off via software; utilities are off

• the "off" status: the device is not powered; utilities are off.

Hereafter, if the POF parameter is set to 0, with the word "switch-on" means the passage from "off" status to "on" status; the word "switch-off" means the passage from "on" status to "off" status.

If the POF parameter is set to 1, with the word "switch-on" means the passage from "standby" status to "on" status; the word "switch-off" means the passage from "on" status to "standby" status.

When the power is switched back on, the device displays the status that it was in at the time it was disconnected.

Device switch-on/off

If the POF parameter is set to 0:

- 1. Connect/disconnect the device power supply. If the POF parameter is set to 1:
- 2. Make sure that the keyboard is not locked and that no procedure is in progress.
- 3. Touch the $| \odot |$ key for 4 s: the \bigcup LED will flash, after which it will turn off/on.

The display

If the device is switched on, during normal operation, the display will show the magnitude established with P5, except during defrost, when the device will show the temperature established with d6 parameter.

If the device is switched off, the display will be switched off; the ${f U}$ LED shall be on.

If the device is in "low consumption" mode, the display will be switched off and the D LED shall be on.

Temperature display as detected by the probes

- 1. Make sure that the keyboard is not locked and that no procedure is in progress.
- 2. Touch the $| \vee |$ key for 4 s: the display will show the first label available.
- 3. Touch the $| \wedge \# |_{or} | \vee |_{key to select a label.}$
- 4. Touch the set | key.

The following table shows the correspondence between the labels and the temperature displayed.

Label	Displayed temperature
Pb1	room temperature
Pb2	if the P4 parameter is set to 1 or 2, evaporator
	temperature
	if the P4 parameter is set to 3, condenser tempera-
	ture

To exit the procedure:

5. Touch the set key or do not operate for 60 s.

6. Touch the $| \bigcirc |$ key. If the second analog input is absent (that is to say, if the P4 parameter is set to 0), the "Pb2" label shall not be displayed.

Compressor operation hours

To show the compressor operation hours:

1. Make sure that the keyboard is not locked and that no procedure is in progress.

2. Touch the $| \vee |$ key for 4 s: the display will show the first label available.

- 4. Touch the **set** key.

To exit the procedure:

- 5. Touch the | = | = | key or do not operate for 60 s.
- 6. Touch the $| \bigcirc |$ key. To cancel the compressor operation hours:
- 7. From step 3. touch the $| \land \Re |_{or} | \lor |_{key}$ to select "rCH".
- 8. Touch the set key.

9. Touch the $|\wedge \Re |_{or} | \vee |_{key}$ within 15 s to set "149".

10. Touch the key $| e^{-\pi} |$ or do not operate for 15 s: the display will show a flashing "- - -" for 4 s, after which the device will exit the procedure.

Defrost manual activation

1. Make sure that the keyboard is not locked and that no procedure is in progress.

2. Touch the $| \land \textcircled{} |$ key for 4 s. If the evaporator probe functions as a defrost probe (that is to say, if the P4 parameter is set to 1) and when the defrost starts the evaporator temperature exceeds the value set with the d2 parameter, the defrost shall not be activated.

Keyboard locking/unlocking

To lock the keyboard proceed as follows:

1. Make sure no procedure is in progress.

2. Do not operate for 30 s: the display will show the message "Loc" for 1 s and the keybord shall lock automatically. To unlock the keyboard:

3. Touch a key for 1 s: the display will show the message "UnL" for 1 s.

Setting the working setpoint

1. Make sure that the keyboard is not locked and that no procedure is in progress.

2. Touch the est in the LED * will flash.

3. Touch the $| \wedge \# |_{or} | \vee |_{key}$ within 15 s; see also r1 and r2 parameters.

4. Touch the | a = | key or do not operate for 15 s: the LED $\overset{}{\overset{}{\overset{}{\overset{}}{\overset{}}{\overset{}}{\overset{}}}$ will switch off after which, the device will exit the procedure. To exit the procedure before the operation is complete:

5. Touch the $| \bigcirc |$ (any changes will not be saved).

The working setpoint can also be set via SP parameter.

Setting the configuration parameters

To access the procedure:

1. Make sure no procedure is in progress.

- 2. Touch the **eset** key for 4 s: the display will show "PA".
- 3. Touch the set key.

4. Touch the $| \land \textcircled{m} |_{or} | \lor |_{key}$ within 15 s to set the value determined with the "PAS" parameter (the parameter is set at "-19" by default).

5. Touch the **Set** or do not operate for 15 s: the display will show "SP". To select a parameter:

- 6. Touch the $| \wedge \Re |_{or} | \vee |_{key}$. To set a parameter:
- 7. Touch the set key.
- 8. Touch the $| \land \Re |_{or} | \lor |_{key}$ within 15 s.
- 9. Touch the set key or do not operate for 15 s. To exit the procedure:

10. Touch the | = | = | key for 4 s or do not operate for 60 s (any changes will be saved). After setting the parameters, suspend power supply flow to the device.

Manufacturer's settings

To access the procedure:

- 1. Make sure no procedure is in progress.
- 2. Touch the **eset** key for 4 s: the display will show "PA".
- 3. Touch the | **SET** | key. To restore the manufacturer's settings:
- 4. Touch the $\land \textcircled{m}$ or \lor key within 15 s to set "149".
- 5. Touch the set key or do not operate for 15 s: the display will show "dEF".
- 6. Touch the SET | key.
- 7. Touch the $| \land \Re |_{or} | \lor |_{key}$ within 15 s to set "4".

8. Touch the **example** is the value of the device will exit the procedure.

9. Cut the device power supply off.

To store customized settings as manufacturer's:

10. Set the configuration parameters (with the procedure described in paragraph 4.2).

11. From step 4. touch the $| \wedge \mathbb{P} |_{or} | \vee |_{key}$ within 15 s to set "161".

12. Touch the set key or do not operate for 15 s: the display will show "MAP".

13. Repeat steps 6. 7. 8. and 9. To exit the procedure in advance:

14. Touch the **Set** | key for 4 s during the procedure (i.e. before setting "4": Restore will not be performed)

USE OF LEDS

Each LED function is described in the following table.

LED	Meaning
*	Compressor LED
	If the LED is on, the compressor is on
	If the LED is flashing:
	- the working setpoint is in the process of being
	set (via the procedure described in paragraph 4.1)
	- a compressor protection will be in progress
举	Defrost LED
	If the LED is on, defrost is in progress
	If the LED is flashing:
	- defrost will be requested but a compressor pro
	tection will be in progress
	- dripping will be in progress
	- defrost will be requested but a compressor mini
	mum switch-on shall be in progress
@	Evaporator fan LED
	If the LED is on the evaporator fan will be on
	If the LED is flashing evaporator fan standstill will be
	in progress
۲	Energy saving LED
	If the LED is on and the display is switched on, the
	"energy saving" function is in progress
	If the LED is on and the display is switched off, the
	"low consumption" function is in progress; touch a
	key to restore normal display
°C	Celsius degrees LED
	If the LED is on, the unit of measurement for tem
	perature is Celsius degrees
°F	Fahrenheit degrees LED
	If the LED is on, the unit of measurement for tem
	perature is Fahrenheit degrees
①	LED on/stand-by
0	If the LED is on, the device is switched off

LOCAL ALARMS

Code	Meaning
AL	Minimum temperature alarm
	Solutions:
	- check the room temperature; see A1 parameter
	Main consequences:
	- the device will continue to operate normally
AH	Maximum temperature alarm
	Solutions:
	- check the room temperature; see A4 parameter
	Main consequences:
	- the device will continue to operate normally
id	Door switch input alarm
	Solutions:
	 check the causes of the activation of the input;
	see i0 and i1 parameters
	Main consequences:
	- the effect established with the i0 parameter
iA	Multifunction input alarm or pressure switch alarm
	Solutions:
	 check the causes of the activation of the input;
	see i0 and i1 parameters
	Main consequences:
	 the effect established with the i0 parameter
СОН	Condenser overheated alarm
	Solutions:
	 check the condenser temperature; see C6 pa-
	rameter
	Main consequences:
	 the device will continue to operate normally

CSd	Compressor shut down alarm
	Solutions:
	 check the condenser temperature; see C7 pa- rameter
	 switch the device off and back on again: if when the device is switched back on, the tem- perature of the condenser is still higher than that established in C7 parameter, disconnect the power supply and clean the condenser
	Main consequences:
	 the compressor will be switched off
dFd	Defrost alarm switched off because maximum time has been reached Solutions:
	 check the integrity of the evaporator probe; see d2, d3 and d11 parameters
	 touch a key to restore normal display
	Main consequences:
	- the device will continue to operate normally

When the cause of the alarm disappears, the device restores normal operation, except for the following alarms:

- compressor shut down alarm (code "CSd") which requires the switching off of the device or the temporary suspension of the power supply
- defrost alarm switched off because maximum time has been reached (code "dFd") which requires the touching of a key.

ERRORS

 Pr1 Room temperature probe error Solutions: check that the probe is the PTC or I see P0 parameter check the device-probe connection check room temperature Main consequences: compressor activity will depend on 0 parameters the defrost will not be activated Pr2 Evaporator probe or condenser probe error Solutions: the same as in the previous example regard to the evaporator probe or the probe Main consequences: if P4 parameter is set at 1, the defrowill last for the amount of time se parameter if P4 parameter is set at 1 and d8 parameter 	
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probe Main consequences: - if P4 parameter is set at 1, the defro will last for the amount of time se parameter	, but with
Main consequences: - if P4 parameter is set at 1, the defro will last for the amount of time se parameter	condenser
 if P4 parameter is set at 1, the defro will last for the amount of time se parameter 	
will last for the amount of time se parameter	
parameter	st interval
	t with d3
 if P4 parameter is set at 1 and d8 parameter 	
	rameter is
set at 2 or to 3, the device will opera	te as if d8
parameter were set at 0	
- if P4 parameter is set at 1 or 2 and I	-0 param-
eter is set at 3 to 4, the device will op	erate as if
parameter were set at 2	
- if P4 parameter is set at 3, the conde	nser over-
heated alarm (code "COH") will neve	er be acti-
vated	
 if P4 parameter is set at 3, the compresentation 	
down alarm (code "CSd") will neve	essor shut
vated	

When the cause of the error disappears, the device restores normal operation.

10. USE



Be sure to read the manual carefully before using the device.



Before you start up the machine, the following must be checked by licensed and specialised technical staff:

- System hooked up and earthed correctly.
- System hooked up to its electrical and water supplies correctly.

The machine is designed to expose the ice cream to the temperature requested by the client, which may not be lower than -18/-20°C.

After the refrigeration function has been started, wait for approximately 60 minutes before placing the ice cream inside the display unit, so that the operating temperature has time to stabilise. This period may vary in relation to the ambient conditions.

11. CLEANING

Cleaning the appliance must be divided into internal and external. You must follow those articles before you start cleaning.



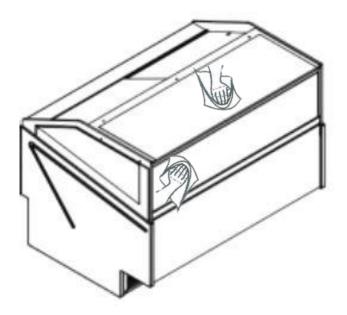
Stainless Steel parts of the device: Use only warm water and nonaggressive detergents.

Polycarbon and Acrylic parts of the device: Wash with warm water using a soft cloth or chamois cloth.

Glass parts of the device: Use specially manufactured products to clean the glass.



Do not peel ice that may form on the device wall during cleaning with sharp tools. You can damage the surface.



- Remove the product stored in the cooling compartment of the device and place it in the housing of a special refrigerator to ensure proper storage.
- > Disconnect the electrical connection by pulling the device's plug from the socket.
- Remove all equipment that can be removed manually. (Ice cream cuvette, sleds etc.)
- > Wait for 4 to 6 hours until the ice melts on the evaporator before cleaning.
- To speed up the defrosting process, do not follow any other way recommended by the manufacturer.
- Clean the side panels and the bottom of the pool using a mild detergent, warm water and a cloth or sponge. Do not use sharp tools. Rinse thoroughly and dry with absorbent cloth.
- > Replace the accessories you removed.
- Operate the appliance and wait for the temperature of the appliance to reach the desired temperature before putting back the products to be stored in it.

WARRANTY DOCUMENT AND CONDITIONS

MANUFACTURER

WARRANTY

Invoice Date/No:

Delivery Date:

SEAL&SIGNATURE

This warranty given by the manufacturer. does not apply in the following cases:

1) The failures results from misusage of product or usage of other applications.

2) After the delivery, the failures resulted from moving, carrying of the machine.

On the condition that any distortions made on warranty or on the serial number the product will be out of the warranty.