

MEKANO DRY WITH EVCO CONTROL UNIT UP TO 2025

TEMPERATURE and HUMIDITY SETTING FOR MEKANO DRY CABINETS

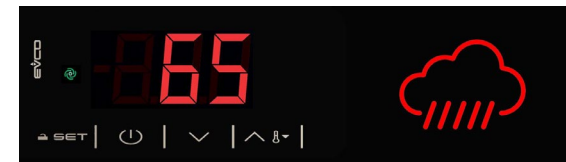


The control panel has two control units:

The left part concerns the temperature regulation



The right part concerns the regulation of the humidity value



Following numerous tests, the recommended parameters are listed below:


- 1- TEMPERATURE = +1.0°C
- 2- HUMIDITY = 65%
- 3- OZONE = ACTIVE

To set the above values, proceed as follows:


1- SETTING THE TEMPERATURE (LEFT SIDE of the control panel)

Press the button "SET" , the "compressor" LED will flash.

Within 15 seconds, press the buttons "UP"  or "DOWN"  until the desired temperature is set (+1°C).

To store the set temperature, press again the button "SET" : the "compressor" LED will switch off.

2- SET OZONE TO "ON"


By pressing once the button "OZONE"  you can understand how the machine is working at that moment.
If, after pressing the key, appears on the display:

ON = the sterilization cycle is active (a 3-minute cycle will be performed every 3 hours)


If it appears :

OFF = the sterilization cycle is NOT active, repeat the operation to activate the function.

3- SETTING THE HUMIDITY (RIGHT SIDE of the control panel)

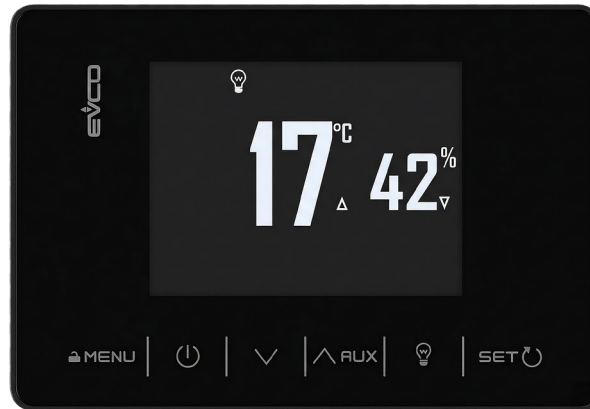
Unlock the keyboard by holding down for 3 sec. SET  and wait for "UnL "

Then click on the arrow "DOWN"  or "UP"  to set the desired humidity (65% recommended)

Confirm by pressing the button 

MEKANO DRY WITH EVCO EVJ CONTROLLER (FROM 2026)

TEMPERATURE AND HUMIDITY SETTINGS



RECOMMENDED PARAMETERS

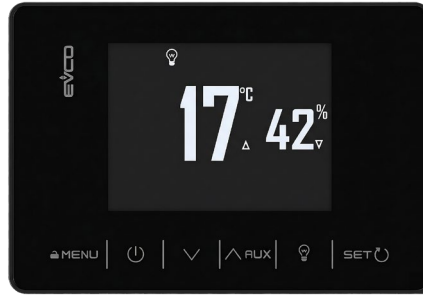
Based on specific tests conducted for meat dry-aging, we recommend maintaining the following operating parameters:

- **TEMPERATURE** = +1.0°C
- **HUMIDITY** = 65%
- **OZONE** = ON (Active cycle)

NOTE: These values serve as a standard reference for beef. Slight adjustments may be required depending on the cut size, fat content, and desired aging result







1. USER INTERFACE

1.1 INTERFACE



















1.2 TOUCH KEYS

The touch key functions are described below:

Keys...	Tap and release to...	Tap and hold for at least 3 seconds to...
 MENU	---	<ul style="list-style-type: none"> · (From home) Access the configuration menu · (From standby) Access the programming menu
	<ul style="list-style-type: none"> · Go back a level · Exit a function 	<ul style="list-style-type: none"> · Switch the instrument on/off · Stop regulation
	<ul style="list-style-type: none"> · Decrease a value · Navigate within the menus 	---
 AUX	<ul style="list-style-type: none"> · Increase a value · Navigate within the menus · Access the AUX menu 	---
	Activate/Deactivate the Light relay	---
 SET	<ul style="list-style-type: none"> · Confirm the selected value/function · Access the setpoint menu 	---


1.3 ICONS

Icon	Lit steadily	Flashing	OFF
	<ul style="list-style-type: none"> · Cold request · Dehumidification request 	Protection delay ON	Compressor OFF
	Defrost active	<ul style="list-style-type: none"> · Defrost delay ON · Dripping ON 	---
	Evaporator fans ON	<ul style="list-style-type: none"> · Evaporator fan activation delay ON · Humidification/dehumidification cycle ON 	Evaporator fans OFF
	<ul style="list-style-type: none"> · Humidification request · Humidification digital output ON 	---	---
	<ul style="list-style-type: none"> · Dehumidification request · Dehumidification digital output ON 	Dehumidification delay with compressor ON	---
	<ul style="list-style-type: none"> · Hot request · Hot digital output ON 	---	---
HACCP	HACCP alarm in memory	New HACCP alarm registered	---
	Energy saving ON	---	Energy saving OFF
	Maintenance request	Remote connection	---
C	Temperature shown in °C	---	---
F	Temperature shown in °F	---	---
%	Humidity shown in %	---	---

Icon	Lit steadily	Flashing	OFF
	Light relay ON from key	Light relay ON from door switch	Light relay OFF
	---	Alarm in progress	---
	<ul style="list-style-type: none"> Probe value below the setpoint Probe value above the setpoint 	---	---
	Keypad locked	---	---
	Keypad unlocked	---	---
	Door switch open	Door switch closed	---
	Cycle active	Cycle suspended due to the activation of another function	Cycle not active
	Sanitising in progress with the instrument ON	Sanitising interval (if instrument is ON)	

1.4 USING THE CONTROLLER

1.4.1 Controller ON/OFF

To switch the controller on/off, press and hold  for at least 3 seconds.

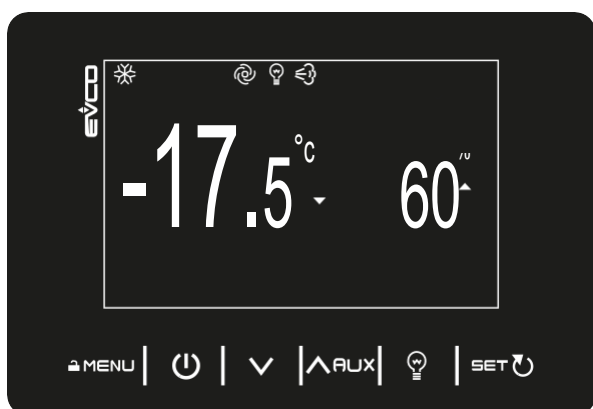


Fig. 10. Main screen display

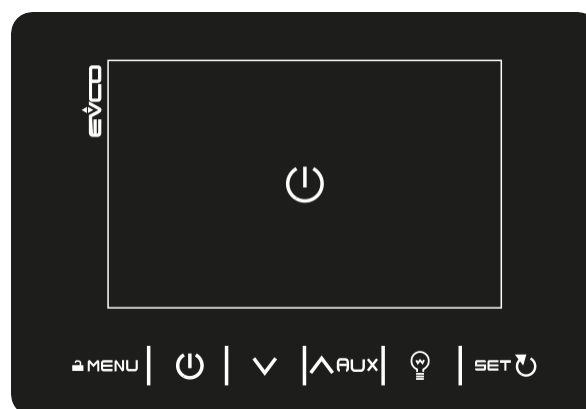





Fig. 11. Controller switching off display

NOTE: the display will show the  icon for a few seconds, as per "Fig. 11. Controller switching off display" on page 19, and will then switch off. When one of the keys is pressed, the  icon appears.

1.4.2 Functions that can be activated via key

The controllers offer the option of activating, by tapping , the following functions:

- **Sanitising;** activates the sanitising function (if at least one uc1...uc6 output = 18);
- **Defrost;** activates defrosting if the conditions allow (see 6. *Defrosting*" on page 24);
- **Over temp;** forces a setpoint 1 (temperature) other than the set value, timed;
- **Energy Saving;** activates the energy saving function;

Select the function by tapping  and confirm by tapping  again.

1.4.3 Changing the setpoint

To change the setpoint:



Fig. 12. Changing the setpoint

1.4.4 Accessing the parameters

To access the parameters and edit them:

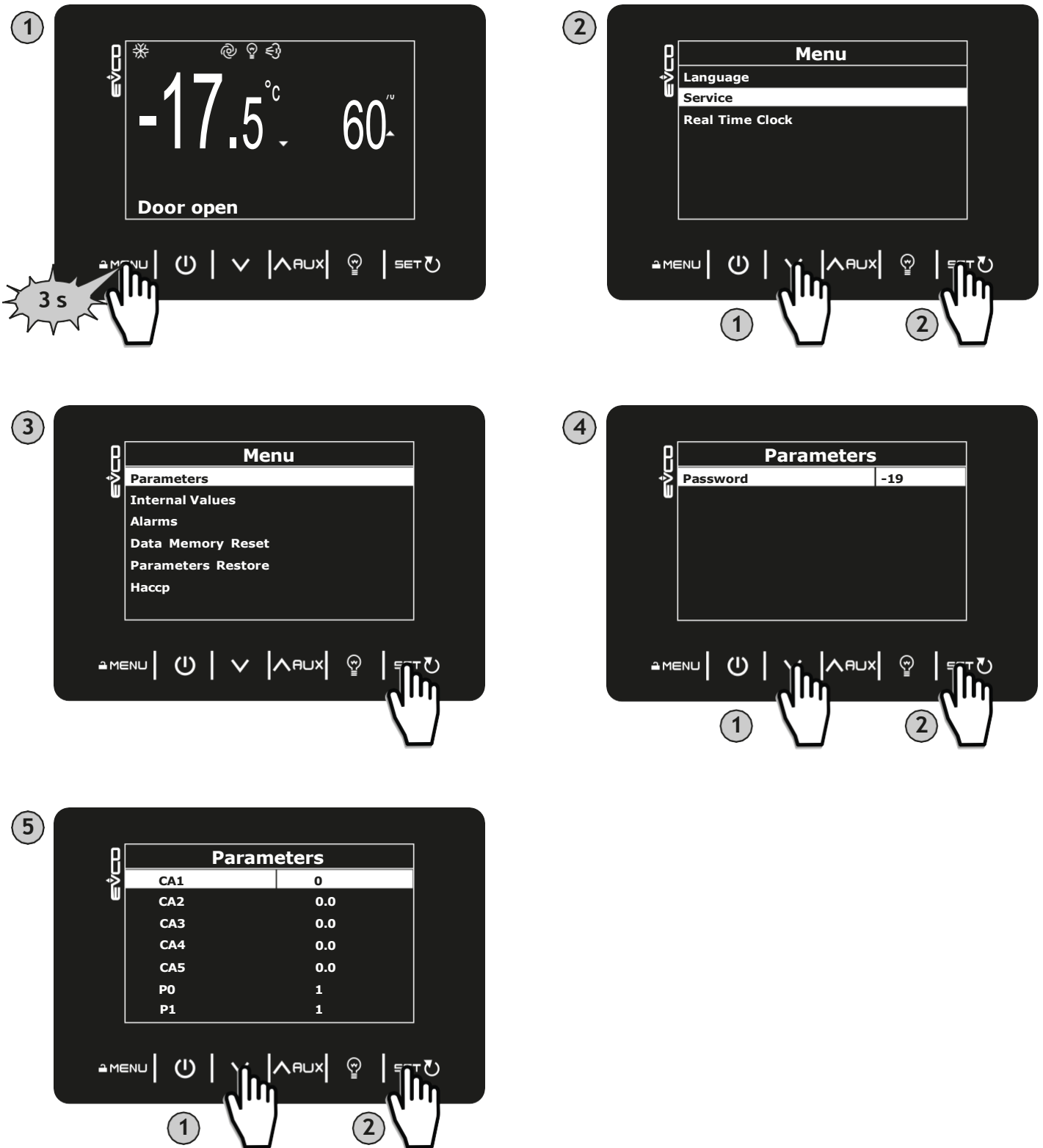


Fig. 15. Accessing the parameters

User parameters password: 1

Installer parameters password: -19

1.4.5 Programming menu

To access the programming menu, press and hold **MENU** for at least 3 seconds.

The following options will appear:

- **Language;**
- **Service;**

Language

Set the controller language in this section. Choose from:

- English;
- Italian;
- German;
- French;
- Spanish;
- Polish;
- Traditional Chinese;
- Simplified Chinese.

Service

The service menu offers the following options:

- **Parameters**, for accessing the list of parameters;
- **Internal Values**, for showing the temperature of the probes and statuses;
- **Alarms**, for showing current alarms;
- **Data Memory Reset**, for resetting the instrument to its factory values;
- **Parameters Restore**, for resetting the parameters to their factory values;
- **HACCP**, for viewing HACCP alarms registered with a date and time before the alarms are reset.