EVCO EPoCA Apps User Manual

EPoCA User manual: Professional solution for the remote management of re frigerated units and food equipment	Cloud platform with Wi-Fi connection Free of charge Ready to use Easy to install solution Remote unit configuration Protected multi-unit and multi-user access Responsive design

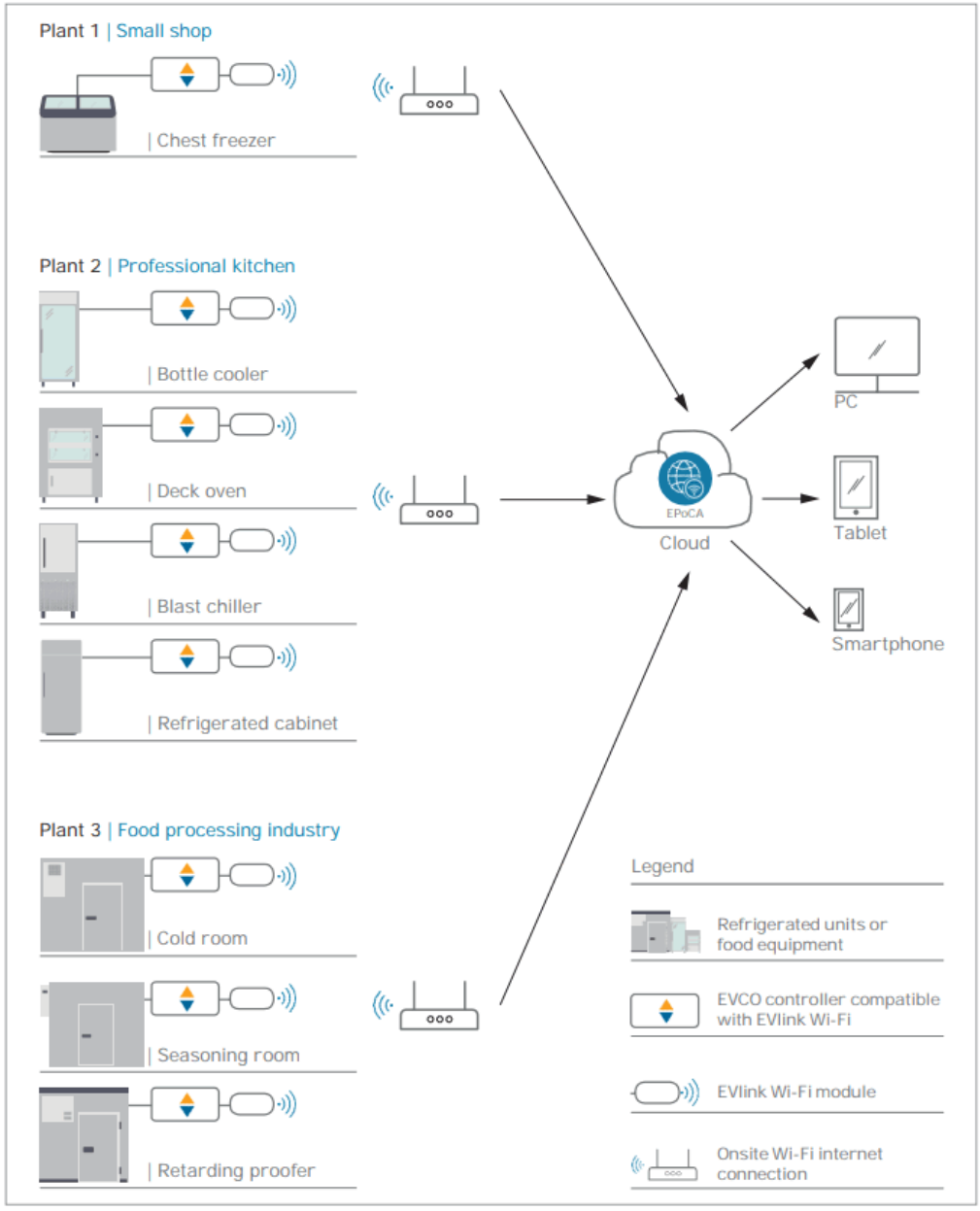
	**IMPORTANT** Read this document thoroughly before installation and before use of the device and follow all r ecommendations; keep this document with the device for future consultation. Only use the device in the way described in this document.
	**CONSIDER THE ENVIRONMENT** Please read carefully and save this document

Contents

Introduction

EPoCA is a remote monitoring system based on a cloud platform that meets the needs of the food preservation and cooking sector, from refrigerated units to food equipment.
All that is needed is a simple onsite Wi-Fi internet connection to enable EVCO controllers, using EVlink Wi-Fi modules, to connect to the cloud system, making it possible to remotely manage equipment from a PC, tablet, or smartphone.
The responsive design and the graphic interface conceived to provide a pleasant user experience make EPoCA a ready-to-use solution for easily accessible monitoring operations, even for entry-level users, while offering all the typical functions of professional platforms.
With appropriate protection measures for access and data, the system makes it possible for one or more enabled users to operate remotely on the unit to configure its parameters, view HACCP data (also in graphic form), and download records in the most popular formats, such as XLSX, CSV, and PDF.
The functions playing a key role include alarm warnings sent automatically by the system to selected e-mail addresses.

Operating diagram – example



How to get started

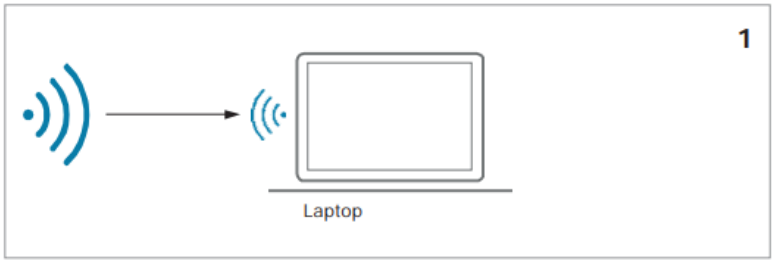
Make sure to carefully read the installer manual before starting any wiring and configuration.
Check the download section at **http://www.evco.it/en/16215-epoca**

The configuration of your EVlink Wi-Fi shall be performed from a device with Wi-Fi connectivity in the following ways:

1. Via internet browser

   Please refer to the installer manual for instructions

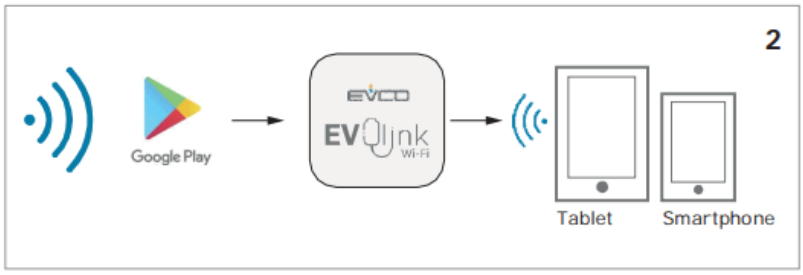
   Check the download section at **http://www.evco.it/en/16215-epoca**



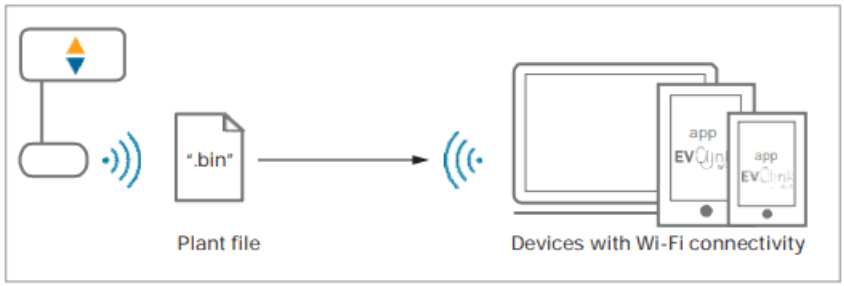
2. Via EVlink Wi-Fi app

   If you work from a smartphone or tablet (Android 5.0 or later versions), you can download our EVlink Wi-fi app on Google Play for a user-friendly configuration.

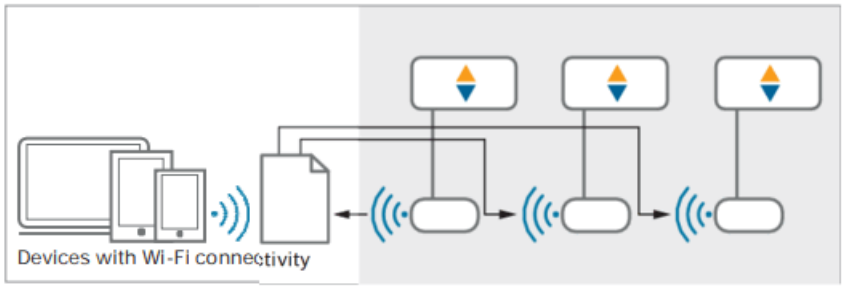
   Please watch video tutorial here **https://youtu.be/TEgLIRAnSGQ**



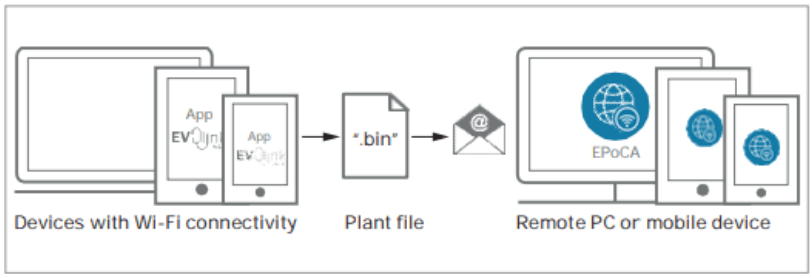
Once the configuration of your EVlink Wi-Fi module has been completed, a “plant file” will be available on your device.



A group of EVCO controlled units, namely a “plant”, can be created simply by uploading the first “plant file” in the configuration page of each additional EVlink Wi-Fi you want to add to the same plant. You can group them according to your needs.
If you want to add EVCO controlled units to an existing plant, you just need to upload the same “plant file” in all EVlink Wi-Fi modules.
The units will be automatically detected.



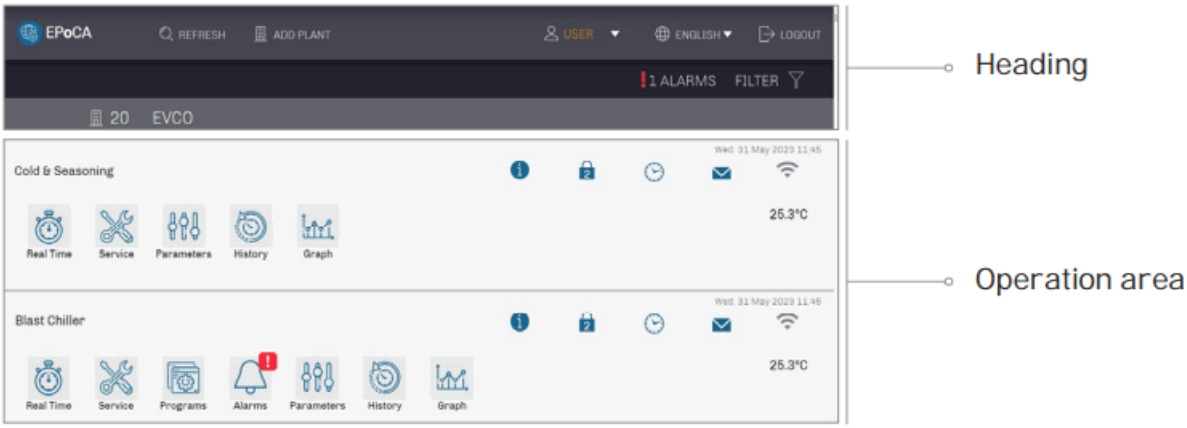
Now open your internet browser and go to **https://epoca.cloud/**
If you have not created your EPoCA account yet, besides producing a username and password, it is mandatory to upload at least one “plant file” and the relative plant password.
If you already have an EPoCA account, you can add further plants, provided you have the relative “plant file” along with the plant password.



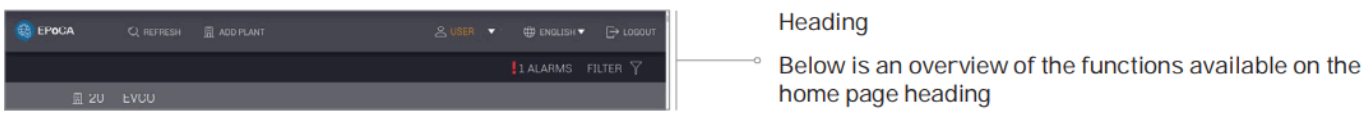
If you don’t remember the password click the link Lost your password? Click here, digit your username and afterwards click the link SEND RESET REQUEST VIA EMAIL: an email (to the address you have set while creating the account) with a link to change the password will be sent.
If you don’t remember your username and/or the email has been removed from the account, it is necessary to contact EVCO.

Home page

From your EPoCA account, you are entitled to remotely view the status of all the units associated to your account, provided that they are switched on and the internet connectivity is working.
Below is an example of what the EPoCA home page will display:



Heading



Setting

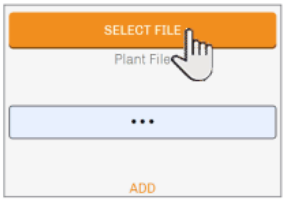
EPoCA Go to home page

REFRESH Upgrade the status and discover new units

Loading...

ADD PLANT Add new plants

You can add further plants in your EPoCA account, simply by uploading the new "plant file" available after EVlink Wi-Fi configuration



User Name

	Settings
	Account
	Alarms

The “Settings” menu includes the following functions:
– Rename the plant
– Delete plants and units
– Download plant files

The “Account” menu includes the following functions:
– Add/delete email accounts as recipients of messages and alerts
– Set the type of messages the recipients shall receive

The “Alarm” menu includes the following functions:
– Enable/disable plants/units to send alerts on real time events
– Enable/disable/delay off-line alerts

Status

OFFLINE Number of offline units

FILTER Filter by unit name

You can choose to display the desired unit through this filter

1 ALARMS Alarm underway

To view where the alarm is occurring, press on this button

3 Number of connected units in the plant

EVCO Plant name

Operation area

This area shows all the unit configuration and monitoring options available to users

General info and configuration

This area includes info and general configuration functions

Unit parameter map

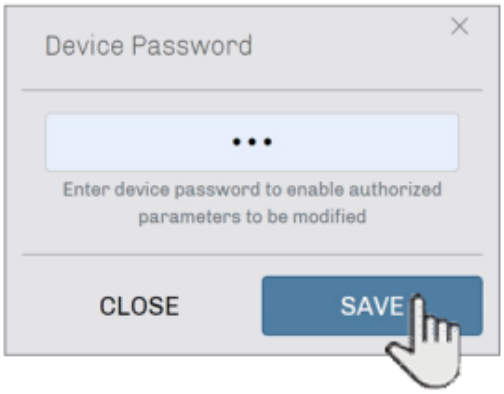
This area shows an overwiew of the unit parameters and settings. It is a read-only area available also in off-line mode

Manual

PAR.	DEF.	PARAMETERS	MIN..MAX
P5	1 (cab)	Value Displayed	0..5 0 = None 1 = Input 1 2 = Input 2 3 = Input 3 4 = Setpoint 1 5 = Setpoint 2

Set unit access level

This area gives the possibility to modify your unit access level, provided you enter the unit password



Set unit time and date

This area enables users to adjust unit time and date

Notification status

This area shows whether the unit is set for sending alerts to your email account

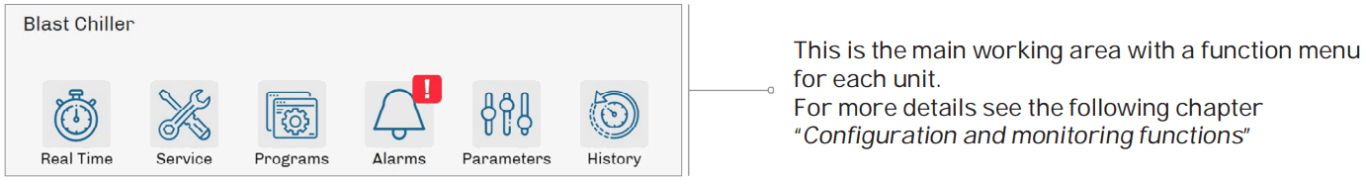
Wi-Fi signal range

This area shows the range of the Wi-Fi signal

Main unit value

This area shows the unit most significant value (usually temperature) currently detected

Unit configuration and monitoring



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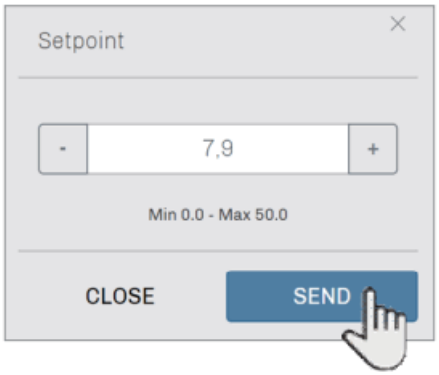
Configuration and monitoring functions

This area shows all the connected units listed with their own names under the plant they belong to.
Each unit has its own menu for remote configuration and monitoring functions and the user can perform operations according to his personal access level.

When menus include values which can be modified by the user, they are marked by the following symbol:

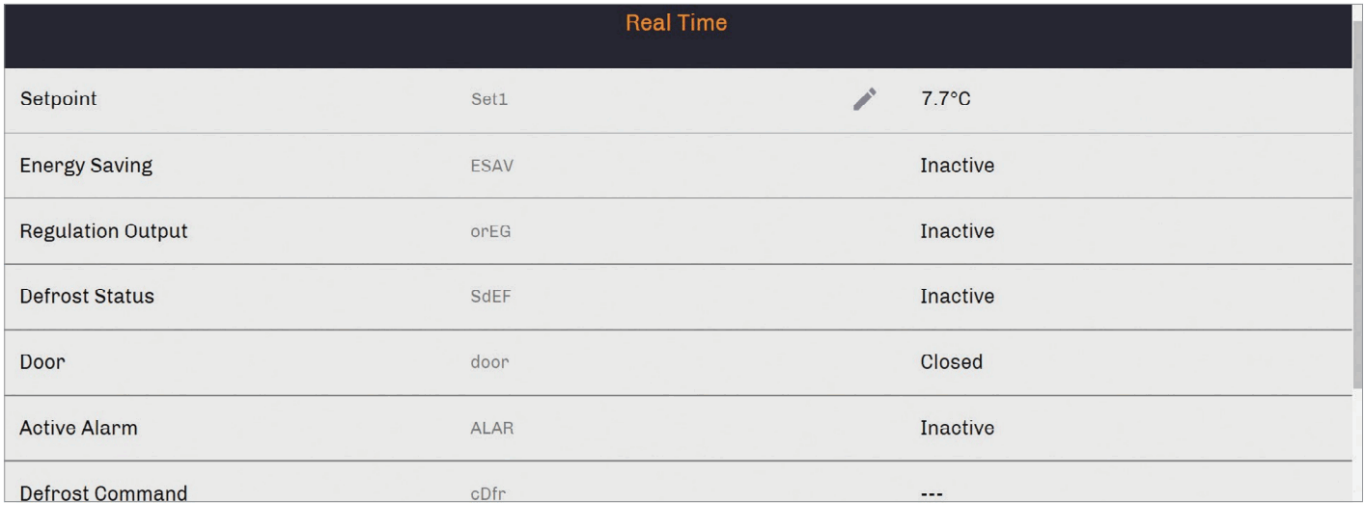
Pencil

When this symbol is displayed and active, the relative value can be modified by the user
You can change the setup by entering/selecting the desired value and confirming on the SEND button



Real time

Real time
This menu gives an overwiew of the main current data of the unit and enables users to modify some of the setups.



Service

Service
This menu gives a more comprehensive overwiew of the device current data and enables users to modify some of the setups.

Programs

Programs
This menu enables the user to modify the working programs available in the unit. All the values can be edited as needed. Should the unit support the remote cycle start/stop function, a dedicated field will be available within this menu.

Alarms

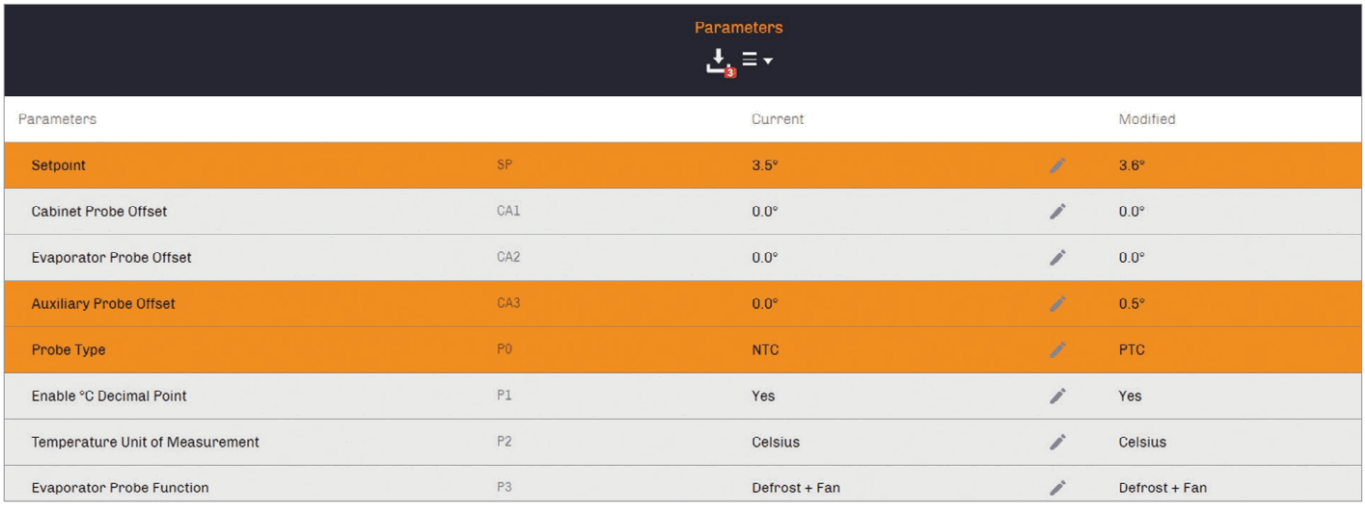
Alarms

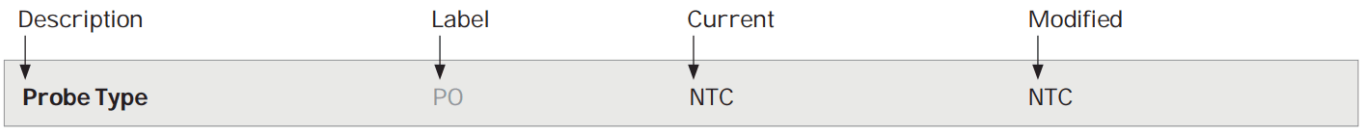
This menu will be displayed in the unit “operation area”only when an alarm is in progress.
To view which alarm is occuring, enter this menu.

Parameters

Parameters

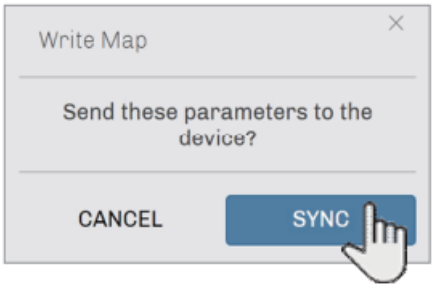
This menu gives access to the complete list of the unit parameters.
All the values can be modified by authorized users to set up the unit as needed.





Upgrade

All the values modified in this menu will be sent to the unit only after you press this button



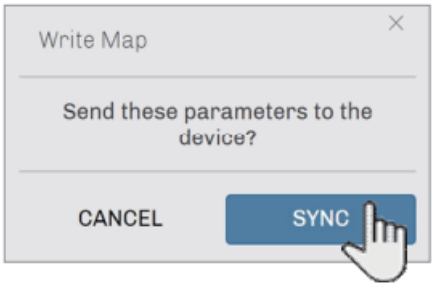
Data are being transferred to the unit

Other functions for parameters menu

Some additional functions are available on the menu top area

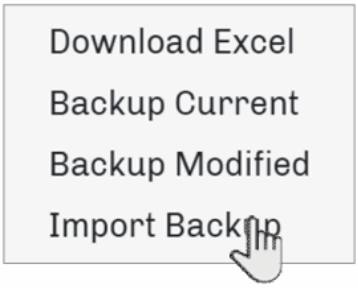
Number of modified values – Sync

The button displays the number of modified values. By pressing on the “SYNC” button, all the new setups will be sent to the unit



Export data

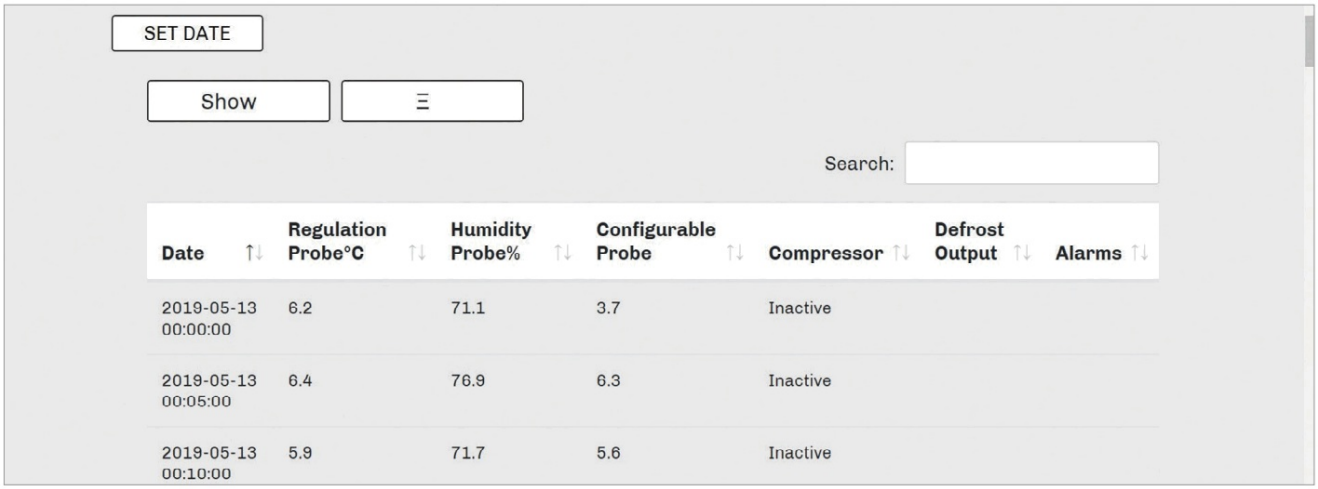
This area enables the user to:
– download the parameter map in Excel format
– save current/modified parameter in a backup file
– import the backup file into another compatible unit



History

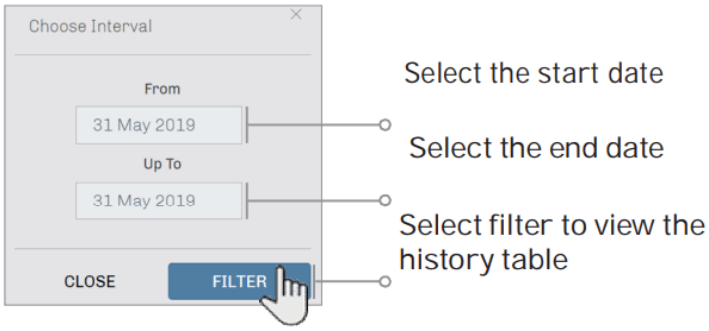
History

This menu enables the user to display the historical recordings in a table form.
Time interval and values to be displayed can be freely filtered by the user.
If an alarm occurred in the selected interval time, the table row will be displayed in red colour.

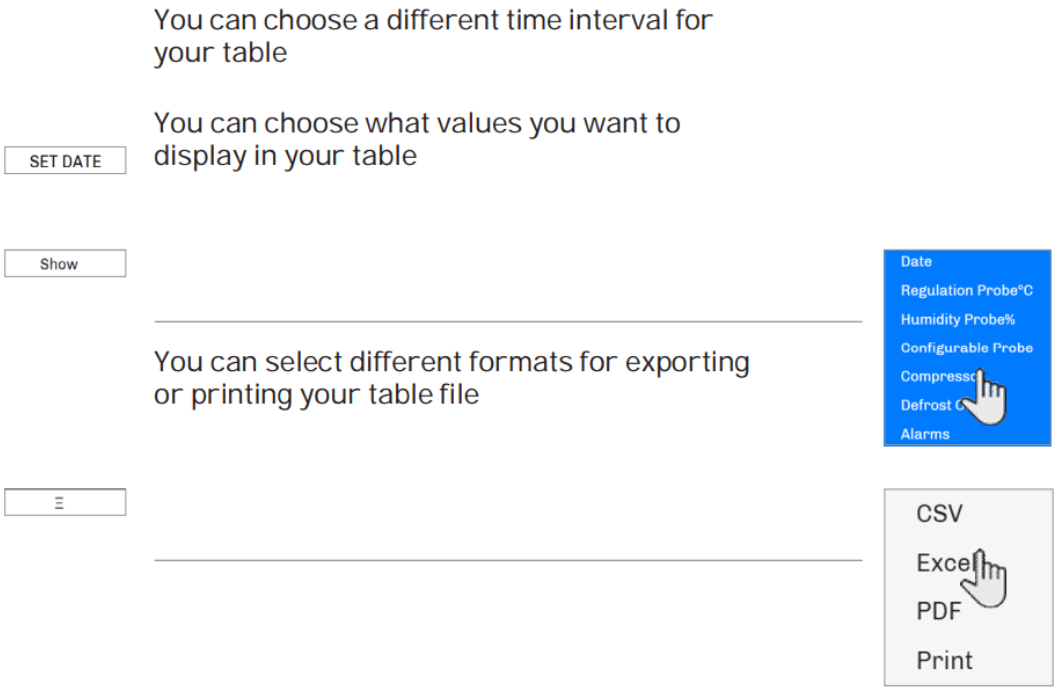


Procedure to select the table

When you enter the “history” menu, this window will pop up



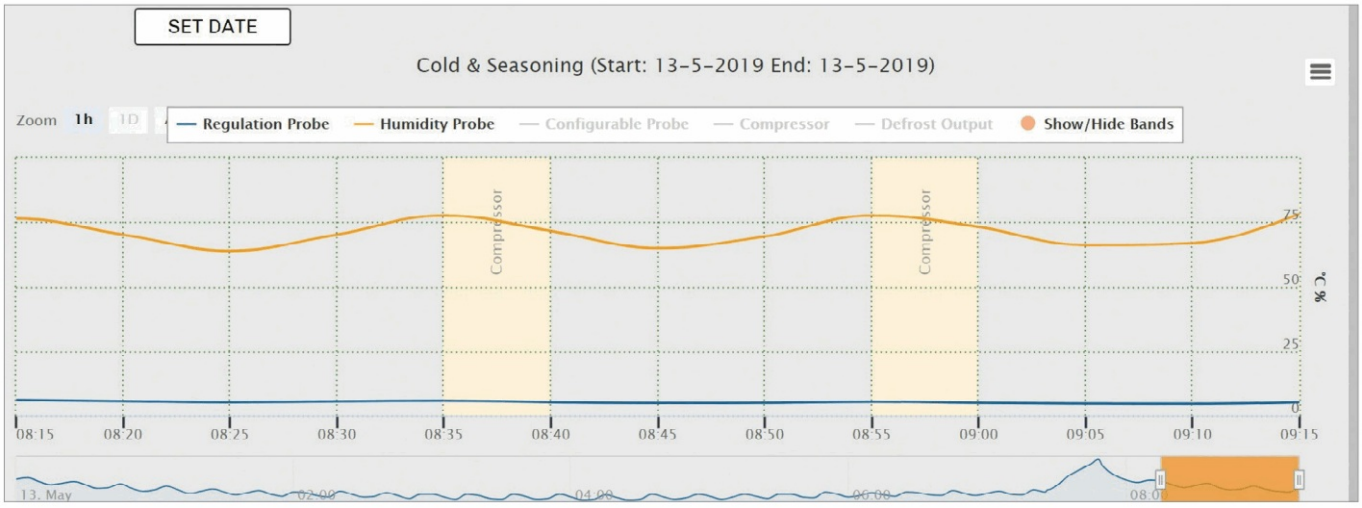
Once the table is displayed, other functions are available:



Graph

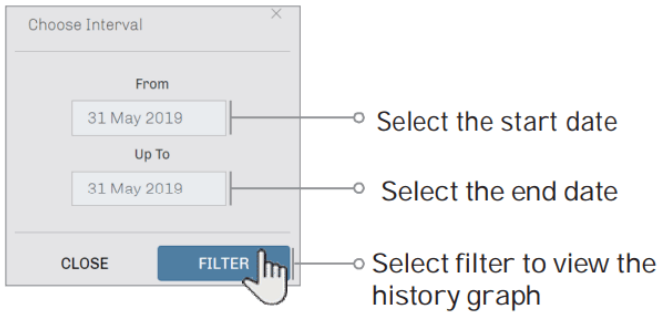
Graph

This menu enables the user to display the historical recordings in a graph form.
Time interval and values to be displayed can be freely filtered by the user.
If an alarm occurred in the selected interval time, the area will be displayed in red colour.



Procedure to select the graph

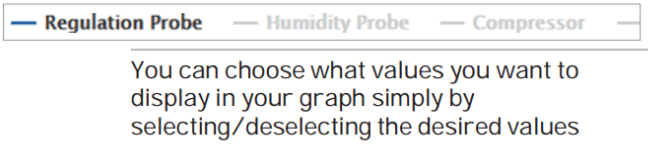
When you enter the “graph” menu, thiswindow will pop up



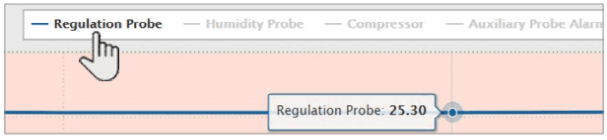
Once the graph is displayed, other functions are available

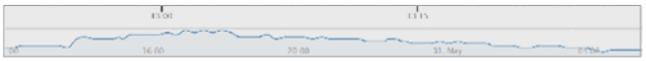
SET DATE You can choose a different time interval for your graph

You can view your graph in a full-screen mode and you can select different formats for exporting or printing your graph file

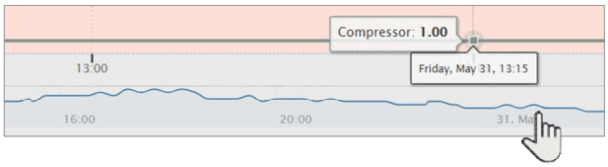


You can choose what values you want to display in your graph simply by selecting/deselecting the desired values





By positioning the selector on the graph line, you can display the value record in a specific time



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Documents / Resources

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