



EKSELANS BY ITS

# SONDEK THERM

WIFI TEMPERATURE  
PANELABLE  
CONTROLLER  
FOR INDUSTRIAL  
REFRIGERATION SYSTEM



ENTER THE EK WORLD

# WiFi TEMPERATURE PANELABLE CONTROLLER FOR INDUSTRIAL REFRIGERATION SYSTEM

**SONDEK**  
THERM

## General specifications

SONDEK THERM WiFi controllers have been specially designed to monitor and manage all types of industrial refrigeration and freezing equipment.

Temperature control systems have a wide range of applications and play a crucial role in various sectors, ensuring the optimal operation of their activities and production processes. These sectors include the food industry, pharmaceuticals, as well as the chemical and petrochemical industries. In each of these, the adaptation of equipment to specific needs is crucial, with refrigeration and/or freezing cycles that cater to each requirement while optimizing energy consumption and minimizing environmental impact.

SONDEK THERM consists of two compact panel controllers that fit into the standard slots (2.8 cm in height by 7.0 cm in width) of any refrigerator model: shelves, counters, display cases and refrigeration islands, wall and semi-wall showcases, cabinets, and freezing rooms, and even electrical panels.

## DIFFERENCES BETWEEN MODELS



### CP 100W:

Basic model with 1 sensor and 1 relay

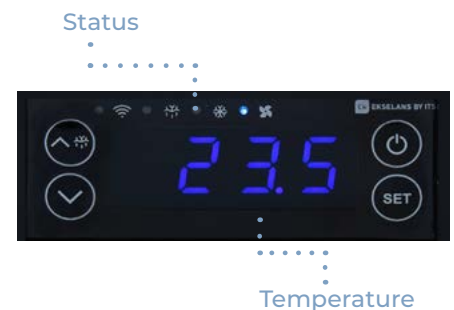


### CP 200W:

High-capacity model with 2 sensors and 3 relays, ideal for situations that require a high capacity for load switching

Both references have an interface with two high luminosity displays and high environmental protection (IP65 on the front panel) that displays the information according to its functionality.

The first, larger one, shows the temperature and the general operating messages while the second presents icons with the status of the different outputs or actions.



With multiple options that not only perform thermal control but also optimize the energy efficiency of cooling management, programming can be done both from the physical interface or from the EK SMART application available for Android and iOS smartphones, in which you can even receive alerts of the monitored equipment.

In summary, our SONDEK THERM line of WiFi controllers was designed to provide efficient and versatile solutions for refrigeration equipment management, combining advanced technology with a friendly interface and a powerful mobile application for optimal management of cooling and freezing systems.

## APPLICATION ENVIRONMENTS



SUPERMARKETS AND HYPERMARKETS    HOTELS    RESTAURANTS    HOSPITALS    PHARMACEUTICAL INDUSTRY    REFRIGERATED TRANSPORT    FOOD & BEVERAGE INDUSTRY    CHEMICAL INDUSTRY

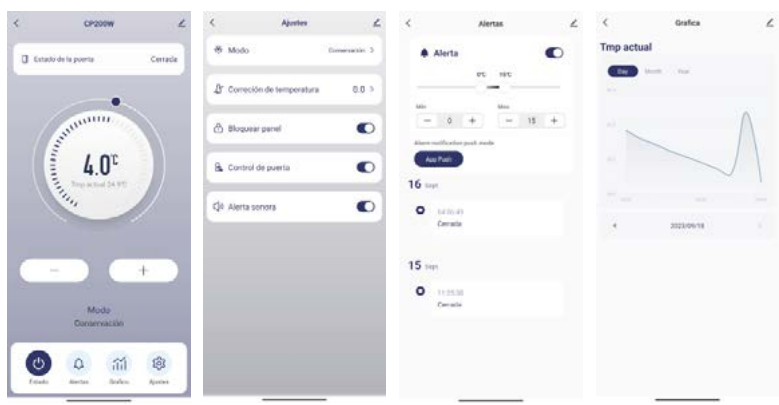


## Technical specifications

- ✓ Ultra-fast installation and commissioning in just two steps. Allows you to create, save and share parameter settings.
- ✓ Possibility of monitoring all your installations from anywhere and anytime using your SmartPhone or Tablet.
- ✓ Possibility of grouping several devices for greater control.
- ✓ Easy planning of your preventive maintenance interventions thanks to the information provided by the EK Smart platform
- ✓ Maximum simplicity in installation thanks to its direct internet connection (WiFi) and its IP65 protection grade.
- ✓ Internet disconnection or power failure alert system.
- ✓ Local (Bluetooth) and remote (Internet) connectivity, avoiding displacement cost.
- ✓ Acoustic and visual alarm integrated in the device.
- ✓ Quick access keys with the most common functions at a click, to facilitate settings.



## APP INTERFACE





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