

# AKOSYS

Integral System for the control and monitoring  
of Industrial and Commercial Refrigeration

# AKO

we make it easy



# AKOCONTROL

THE MOST COMPREHENSIVE RANGE OF TEMPERATURE AND HUMIDITY CONTROL



CONTROLLERS THAT INTEGRATE FEATURES, FORMATS AND FUNCTIONS FOR PERFECT ADAPTATION TO YOUR REFRIGERATION UNIT

They have smart and easy to navigate menus for a more agile and intuitive configuration. Hot keys with direct accesses to the most common functions make the most used operations faster. They consist of control algorithms designed for higher energy efficiency, as well as making the installation's preventive maintenance easier storing the HACCP information. The units are delivered from factory with the most common configurations preprogrammed for quick and easy start-up. They also have communication capability to connect to monitoring systems.

## AKOCONTROL DARWIN

THE EVOLUTION OF THE RANGE

Perfect aesthetic and functional adaptation in your refrigeration unit, as well as optimising energy consumption and maximising the performance of your refrigerated unit.

## AESTHETIC CUSTOMISATION



# AKOCAM

THE MOST COMPLETE SOLUTION FOR COLD ROOM STORES



## EFFICIENCY IN COLD ROOM STORE CONTROL

Control and Log temperature, humidity and events, detected refrigerated gas leaks and/or activate the trapped person alarm, all locally or with remote supervision.

### CAMGas

Gas detection alarm that is compulsory to install in non-ventilated cold room stores and compressor racks according to the EN 378 European and AHSRAE American 15:2004 Standards, preserving the integrity of the workers, the degree of pollution and ensuring energy saving in the case of leaks.

Fast, simple and economy installation and start-up. It is highly precise starting to detect refrigerator gases from 500 PPM, guaranteeing a safe and efficient installation. Digital Sensor ensures perfect calibration guaranteed for 3 years.

### CAMAlarm

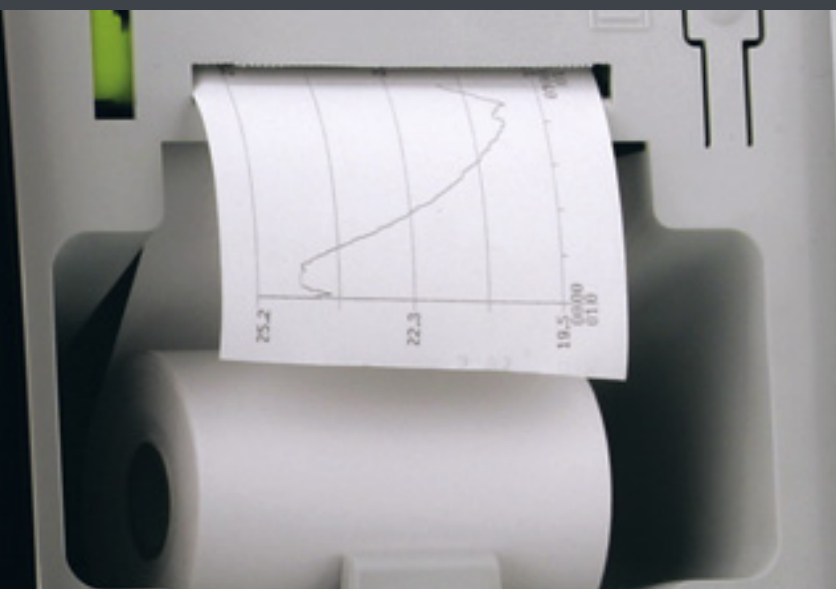
Trapped person alarms in cold room store designed according to the EN 378-1 European Standard.

Specific alarm for cold room stores that operate at negative temperatures or with a controlled atmosphere, optically and acoustically signalling if somebody has become trapped.

### CAMRegis

Wide range of temperature, humidity and event dataloggers with from 2 up to 10 channels for all types of applications. Designed and manufactured according to the EN-12830 Standard.

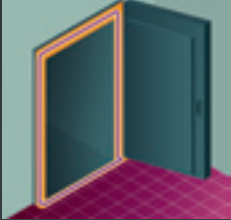
Easy data reading and logging using its graphical display with intuitive menus and help texts in several languages.



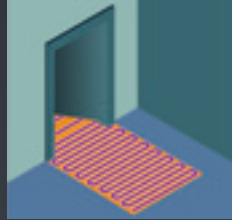
# AKOCABLE

SOLUTIONS FOR PROTECTION AGAINST FROST IN INDUSTRIAL AND COMMERCIAL COLD INSTALLATIONS

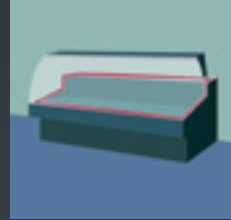
WIDE RANGE OF ENERGY SAVING HEATING CABLES THAT PROVIDE A SOLUTION FOR ALL POWER AND TEMPERATURE NEEDS



Anti-lock action that prevents getting trapped



It prevents the risks of accidents due to slippery floors



Prevents steam that reduces product visibility



Prevents cracks in the cold room store's subsoil



## AKOKIT

COMPLETE HEATING CABLE AND ACCESSORIES KIT

A Complete, Fast Heating Cable Solution, that does not need complicated calculations, and that offers Precision, Safety and Reliability in each application for the Industrial and Commercial Refrigeration sector



# AKOPRO

THE MOST SUITABLE RANGE OF CONTROL PANELS

ELECTRONIC OPERATING PANELS FOR AN EFFICIENT CONTROL AND PROTECTION OF THE INSTALLATION

## PROPLUS

Electronic panels for condenser and evaporator units with control and protection integrated in the same unit. Easy to operate and install, with built-in datalogger, equipped for defrost by hot gas or resistances. PROPlus operating panels integrate the same equipment for both small and large refrigerated facilities.

The entire range is available in single phase and three phase versions, and with or without isolation transformer.



# AKODUO

THE GENERATION OF CONTROLLERS FOR COMPRESSOR RACKS



## ENERGY SAVING, EFFICIENT MANAGEMENT AND RELIABILITY FOR COMPRESSORS AND CONDENSERS IN REFRIGERATION PLANTS

Solution based on automation technology: robustness, reliability and scalability, that manages the compressor station efficiently using the floating condensation function.

Easy offline programming using software that allows parameterising the unit from a simple file and logging the installation's variables for its subsequent study.

Integrated communication for connection to control software and remote supervision.

The color of the screen turns to red in case of alarm, helping the user to quickly identify any problem. On standard mode, it can also be set to RGB colours.



# AKOSOFT

THE MONITORING SOFTWARE MORE SIMPLE, ROBUST AND FLEXIBLE

MANAGEMENT AND SUPERVISION SOFTWARE THAT ALLOWS REMOTELY CONTROLLING THE INSTALLATION FROM ANYWHERE IN THE WORLD. COMPATIBLE WITH THE LATEST MOBILE TECHNOLOGIES (BLACKBERRY, ANDROID, IPHONE, IPAD, ETC.)

**AKOSOFT** has a big range of specific Software for different applications, such as heating cable selection, management and monitoring of CAMREGIS dataloggers, management and supervision of **AKO** units with communication from PC or web server, configuration and monitoring of **AKODUO**, and management of **GSM** alarm modules.



ENERGY EFFICIENCY



CONNECTIVITY



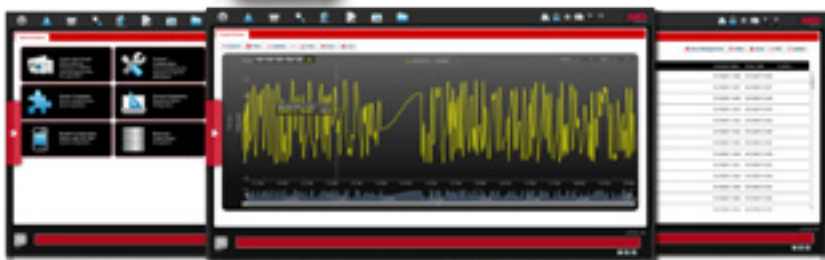
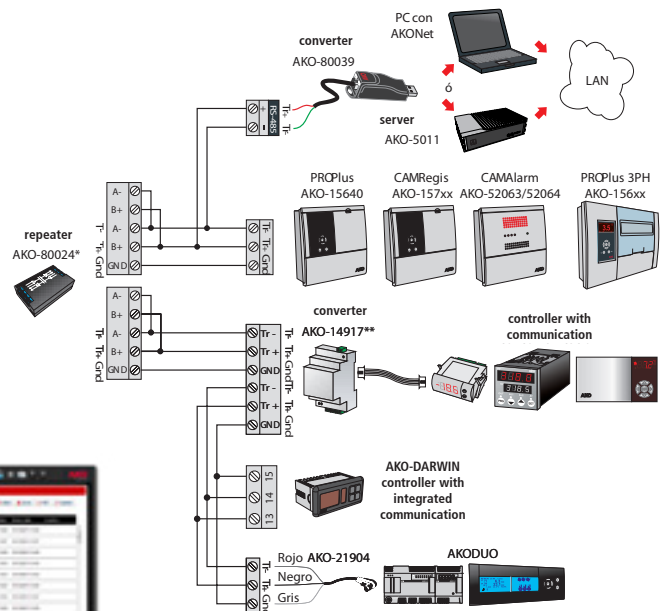
USABILITY



SAFETY & SECURITY

## AKONET

SOFTWARE FOR REMOTE MANAGEMENT VIA INTERNET, TOUCH ENVIRONMENTS AND MOBILE DEVICES



# we make it **easy**

## **e**arnings

**AKO** give our collaborators the capacity for generating profitable business with the best technical-financial offer.

## **a**ssessment

Our customers' needs are our main worry, and knowing them allows **AKO** to research and develop solutions with high added-value and reliability.

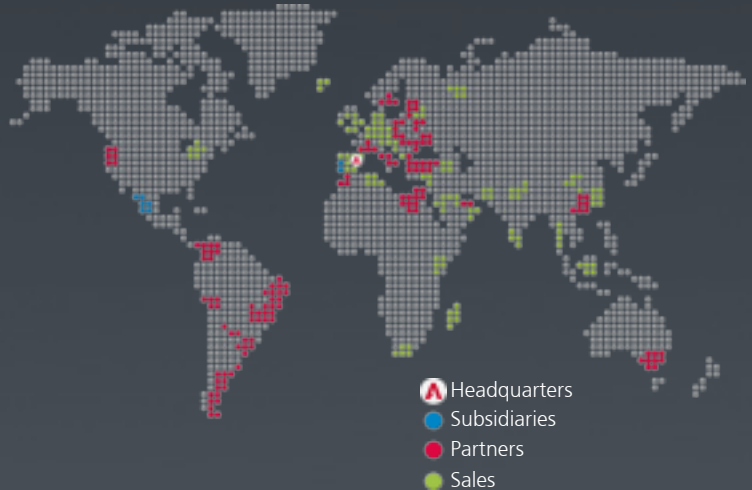
## **s**upport

Our experience has allowed us to form team of in-house professionals to offer global support: from Project Design to the Start-up of the System.

## **y**ou

As the customer is our passion, it is also the driving force behind **AKO's** development to continue to innovate for the regulation and integral control of the refrigerated facilities.

## **AKO**WORLDWIDE



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Presence in over 80 countries



we make it easy

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