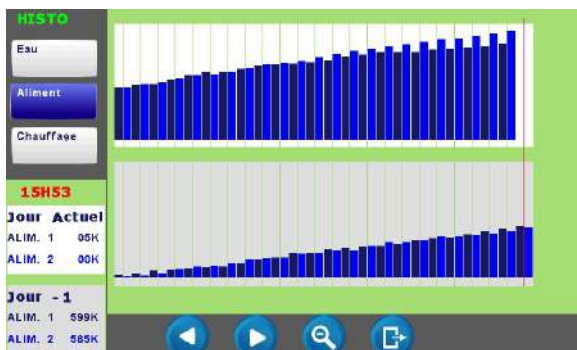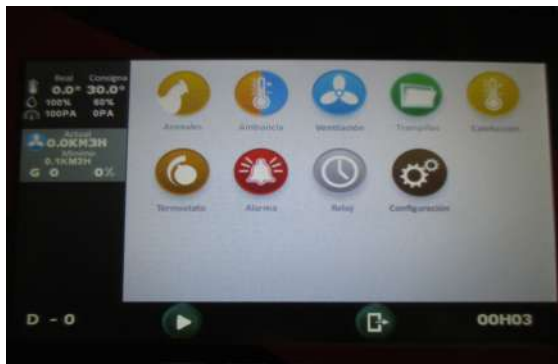# COPILOT CONTROL
Central regulation

COPILOT CONTROL 3, the microprocessor designed for modern poultry farmers to welcome the new era.

A SINGLE EQUIPMENT FOR A TOTAL MANAGEMENT: Natural or dynamic ventilation, heating, mixing, misting, lighting programs, water or food rationing, alarm connection, etc. A single device does all regulation functions of your poultry farm; now from everywhere.

UP TO 3 ZONES

FEATURES

COPILOT CONTROL 3 assembles the most experienced and traditional technical solutions with the most sophisticated and state-of-the-art.

- **Computer touch screen** that allows access to icons, curves, graphics and text, quickly and comfortably.

- **Multifunction home screen** with immediate access to 14 important menus:

  o Animals / Age
  o Temperature curves
  o Humidity
  o CO_2 levels
  o Level of depression
  o Record of maximums and minimums
  o Heating
  o Windows and ridge vents
  o Ventilation groups and circulating fans
  o Misting
  o Feeding
  o Water consumption
  o Lighting
  o Alarm
  o etc.

- **Wi-fi connection** that allows access to information and modify the parameters that should be rectified from everywhere. (Optional)
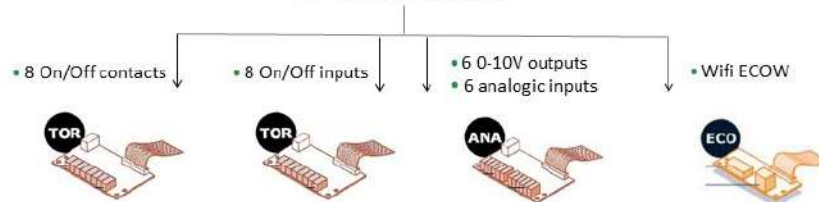
- **Update and backup** via **SD card**.

TOWARDS THE FUTURE WITH COPILOT CONTROL 3

TECHNICAL DATA

- **Waterproof PVC box** for wall mounting.
- **Colour touch screen** (240 x 128 pixels).
- SD memory card.
- Help keyboard.
- 5+2 inputs for temperature sensors.
- 1 input per a humidity sensor.
- 1 input for a CO_2 or an NH_3 sensor.
- 1 input for depression measurement.
- 2 inputs per water and food measurement.
- 6 inputs for position potentiometers, for windows and ridge vent.
- Up to 6 independent window motor controls.
- Up to 3 heating or mixing controls.
- 2 lighting controls.
- Misting on/off control.
- Up to 4 circuits for water and food supply.
- Progressive ventilation output.
- Up to 16 independent ventilation groups.
- 1 NC (normally closed) contact for alarm.
- Wi-fi connection.
- 230 V 50Hz AC (alternating current) power supply.

- Management of hatches, windows and ridge vents.
- Management of ventilation groups (16).
- Evolutive rules depending on the age of the animals: temperature curves, humidity, air needs, etc.
- Automatic adjustment of the regulation based on outside temperature, environment humidity, depression, CO_2 levels, etc.
- Management of cycles and alternations.
- Management of progressive or on/off heating.
- Management of automatic cleaning of heaters (pyrolysis).
- Management of progressive or on/off lighting.
- Alarm for feeding, temperatures, humidity and water and food consumption.
- Automatic correction for alarm start-up due to over temperature, based on exterior temperature.
- Data preservation in case of power failure.
- Management of buildings with static, dynamic or mixed ventilation
- Suitable for any ventilation system (tunnel, combined, transversal, chimneys, etc.)
- Issued with installer's and user's manual.

Inputs:
- 4 int. Temp. sensors
- 1 ext. Temp. sensor
- Hygrometry sensor
- Depression input
- 4 counter inputs
- 6 analogic inputs

Outputs:
- 16 On/Off contacts
- 6 0-10V outputs
- Surveillance

OPTIONAL CARDS

- 8 On/Off contacts — TOR
- 8 On/Off inputs — TOR
- 6 0-10V outputs / 6 analogic inputs — ANA
- Wifi ECOW — ECO

COPILOT CONTROL 3 exceeds the requirements of the main European regulations.

TOWARDS THE FUTURE WITH COPILOT CONTROL 3