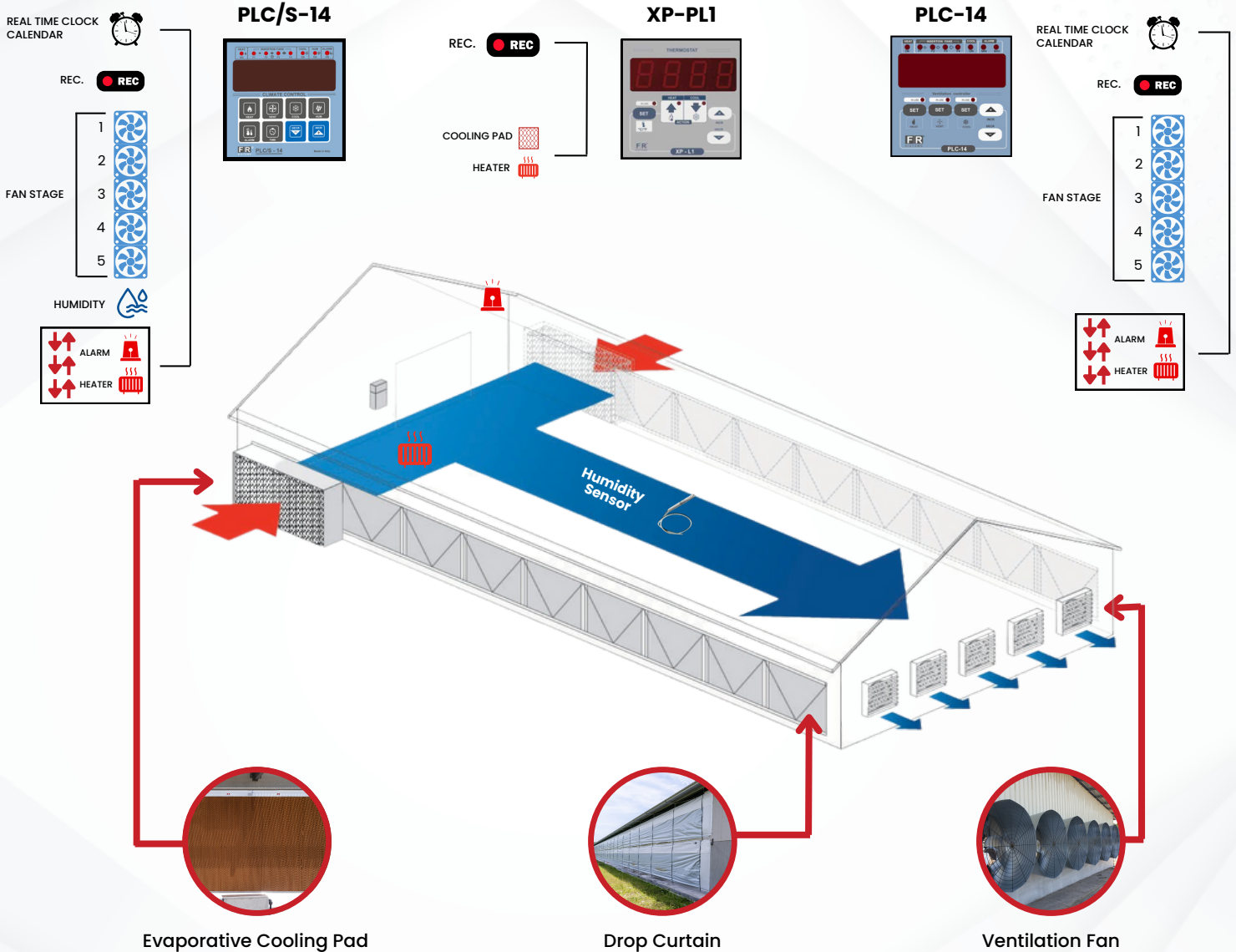


# CONTROL SYSTEM



## CLIMATE CONTROLLER



## CONTROL PANEL CONFIGURATION

- Tunnel fan control
- Cooling pad pump control
- Fan motor earth leakage breaker
- Pump earth leakage breaker
- Curtain controller earth leakage breaker
- Motor overload alarm
- Surge protector
- Phase monitoring
- High-Low temperature alarm



- Designed for temperature control in agriculture with five settable set points
- Ventilation 4 insertions + cooling + heating + Min and Max alarm.
- The operator can adjust the delta T (temperature offset of each function) to optimize precision.
- With the addition of its expansion mod.ES-PLC/1 the regulation is complete.

## PLC 14 – Ventilation control – 4 on/off + Thermoregulation

<b>Brand</b>	: FR Systems ®
<b>Diet</b>	: 230V AC – 50/60Hz
<b>Connectable Probes</b>	: 2 x 10K NTC thermistor
<b>Assembly</b>	: Panel/wall mounted (boxIP65)
<b>Display</b>	: 4 red LED digits 20/15 mm
<b>Reading</b>	: °C/°F
<b>Measurement Resolution</b>	: 0.1°C/°F
<b>Adjustment Range</b>	: (+100.0°C-40.0°C) (+212.0°F-40.0°F)
<b>Relay</b>	: 5 COM/NC/NO (fuse 4A)
<b>Panel Size</b>	: 90x90x60 mm
<b>Wall Size</b>	: 160 x 110 x 81 mm



- Designed for climate control in agriculture with six settable set points.
- Ventilation 4 insertions + cooling + heating + humidity + Min and Max alarm.
- The operator can adjust the delta T (temperature offset of each function) to optimize precision.
- The operator can choose two programming modes: Classic Ventilation Set Setting or Curve Setting (Start Set/End Set/curve days).
- With the addition of its mod.ES-PLC/2 expansion the regulation is complete.

## PLC/S-14 – Ventilation 4 ON/OFF + Thermoregulation

<b>Brand</b>	: FR Systems ®
<b>Diet</b>	: 230V AC – 50/60Hz
<b>Connectable Probes</b>	: 1 NTC thermistor 10K- hu probe. YGRO-100
<b>Assembly</b>	: panel/wall mounted (boxIP65)
<b>Display</b>	: 4 red LED digits 20/15 mm
<b>Reading</b>	: °C/°F % RH
<b>Measurement Resolution</b>	: 0.1 °C/°F % RH
<b>Adjustment Range</b>	: (+100.0°C-40.0°C) (+212.0°F-40.0°F) (0-100% RH)
<b>Relay</b>	: 4 COM/NO1-2-3-4 – 1 NO/NC
<b>Panel Size</b>	: 90 x 90 x 60 mm



- XP-L1 is a regulator designed for temperature control, with an adjustable set point.
- The operator can adjust the delta T (temperature offset): in order to optimize precision.
- With its reversibility you can choose to control heat or cold. On/Of command

## XP-L1 – Single level thermostat

<b>Brand</b>	: FR Systems ®
<b>Diet</b>	: 230V AC – 50/60Hz
<b>Connectable Probes</b>	: 1 x 10K NTC thermistor
<b>Assembly</b>	: Panel/wall mounted (boxIP65)
<b>Display</b>	: 4 red LED digits 20/15 mm
<b>Reading</b>	: °C/°F
<b>Measurement Resolution</b>	: 0.1°C/°F
<b>Adjustment Range</b>	: (+100.0°C-40.0°C) (+212.0°F-40.0°F)
<b>Relay</b>	: 1 NC/NO (fuse 4A)
<b>Panel Size</b>	: 90x90x60 mm
<b>Wall Size</b>	: 160 x 110 x 81 mm