

CDC

Intelligent,
reliable and
adaptable

Intelligent, reliable greenhouse climate control, adaptable to your requirements. The CDC environmental control meets the needs of the simplest and the most complex and demanding farms. It is capable of the intelligent and coordinated control of all greenhouse devices in order to provide the environment required at all times to optimize the performance and quality of your crops.

Professional
design and easy
handling

Our equipment is manufactured with a professional design, which has considered aesthetics, functionality and sturdiness. In addition, its handling is simple thanks to an intuitive and well structured menu.

Flexibility of
adaptation

The CDC system is configured with regard to the requirements of each client, with the possibility of adding special functions to the standard configuration such as artificial light, CO₂, cooling fans, boiler control... In addition, each set of equipment can control up to 8 independent greenhouses and connect them forming a network which can be managed from a central PC with our SYSClima application.

Sturdiness
and
reliability

At INTA we use components of the highest quality therefore all our equipment is outstanding in sturdiness and reliability. In addition, the CDC system has a powerful alarm system that controls greenhouse status at all times. We have alarms for temperature, air humidity, CO₂ level, heating faults, sensor faults, electricity supply, meteorological station failure... All these alarms can be sent via SMS to keep you informed at all times.

Easy installation.
Competitive price.

The design of our climate controllers allows quick and easy installation as well as a maximum reduction in wiring costs, by linking all plates with a single data cable, sharing information and resources. Easy installation at a very competitive cost.

SYSClima.
Remote management
and connectivity.

The SYSClima management program is the essential addition to aid greenhouse climate management. Via the Internet with our SYSClima application you can control your installation using your tablet, mobile or PC.



CDC SPECIFICATIONS

Technical

| | |
|--------------------------------------|-------------------------------|
| Power supply: | 24V AC \pm 10% 15-24 VDC |
| Relay Outputs: | 16 power free contact 24V AC |
| Analogue inputs: | 8 inputs 4-20 mA, 2 wire |
| Communication with expansion boards: | CAN, I2C |
| PC communication: | CAN-BUS |

Physical

| | |
|------------------------|-------------------------|
| Operating temperature: | 0-50 °C |
| Humidity: | 0-95 %HR non-condensing |
| Waterproofing: | IP54 |
| Measurements: | 390x320x120 mm |
| Weight: | 4 kg |

Alarms:

Temperature
Humidity
CO2 level
Heating failures
Sensors
Power supply
Weather station failure

CDC has the following climatic features:

- Primary heating system
- Secondary heating system
- Soil heating system
- Ventilation
- High humidity
- Fogging
- Screen 1 and 2
- Fans / Air-heatres
- Cover inflation
- Artificial light
- Heating transport pump
- CO2
- Cyclic programme
- Irrigation

