



LCC1 CLIMATE CONTROL



Logic Climate Control (LCC) user interfaces for intuitive operation

Highlights

- 1 compartment
- Simple operation via function keys
- Industrial PLC technology and modular hardware/software
- Day/night time zones with individual adjustment of temperature and humidity

When developing LCC1, we attached great importance to achieving a simple user interface without compromising the setting options. We collaborated with nurseries, and this is clearly expressed by the user friendliness of the computer. LCC1 features a line-based interface ensuring easy and trouble-free handling.

The LCC1 climate computer can control most climate functions in nurseries, orangeries or similar applications. LCC1 is based on state-of-the-art technology and the actual control is managed by an advanced operating system.

It is possible to connect several LCC1 climate computers so that they can share one weather station.

The weather station comes with wind speed and wind direction sensors as standard. The weather station can be expanded with rain and light sensors, and these can be ordered separately.

The flexible composition of the hardware in the LCC1 makes it possible to choose different sensors, for example sensors for built-in or standalone (hanging) sensors. This flexibility makes using it possible in many different installations.

Energy-saving climate control

The LCC1 climate computer can divide the day into 2 time zones (day/night) with optional automatic correction, depending on sunrise and sunset. Control of the screens can also be adjusted depending on sun radiation and heat loss, so that the screens maintain the heat.

Individual control

LCC1 can control the temperature, humidity, light and screen in the greenhouse. Furthermore, you can have one daily forced closure of the vents in a period of time, which is optional.



SPECIFICATIONS / LCC1 CLIMATE CONTROL

Technical specifications

Supply voltage	100 - 240 V AC / 50-60 Hz
Power consumption	max. 65 VA
Communication	CAN bus and RS232

Physical specifications

Temperature operation	0 - 50° C (32 - 122° F) do not place in direct sunlight
Humidity	0 - 95 % RH without condensation
Density	IP65
Dimensions L x W x H	440 x 330 x 130 mm (16 x 12 x 5")
Weight	app. 6 kg (13 lb)

I/O

- Digital inputs 1 (8)
- Digital outputs 11 (12)
- Analog inputs 3 (4)

Logic operation via line based display

The LCC1 climate computer is easy to operate with clear menus and function keys.

LCC1 essential functions

- 1 Heating valve
- 2 Vents
- 1 Screen
- 1 Artificial light
- Day / night time zones
- 1 Irrigation valve
- Emergency input
- Alarm output
- Max. humidity

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