



# LCC1 CLIMATE CONTROL

- ✓ Increase production output and yield and improve growing precision through accurate control
- ✓ Prevent waste of energy and resources
- ✓ Access from mobile devices
- ✓ Quick change between more languages on the user-friendly display
- ✓ More LCCs can be connected in a network
- ✓ Possible to add a rain and light sensor
- ✓ Get technical support



## The basic one house climate control - easy to operate

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 controller. LCC1 features a line-based interface ensuring easy and trouble-free handling.

- The LCC1 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 controls enabling them to share one weather station.

### Weather station and sensors

- 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 them useful in many different installations.

### Energy-saving climate control

- The LCC1 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 optional period of time.



## 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) no direct sun radiation
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)

### Logic operation via line based display

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

### Weather station

One common weather station for the net of LCCs.

A weather station comes with wind direction and wind speed as standard. It can be expanded with a rain and light sensor.

### The use of more LCC1s

The LCC1 climate control can be used in many different installations such as orangeries, nurseries etc., and more LCCs can be connected in a network.

### LCC1 essential functions

- 1 Heating valve
- 2 Vents
- 1 Screen
- 1 Light step
- Day / night time zones with individual adjustment of temperature and humidity
- 1 Irrigation valve
- Emergency input
- 1 Alarm output
- Max. Humidity control
- Heating steps / on-off: 1

### I/O

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

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### Distributor:

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