

Clima Control Plus

The Clima Control Plus is a digitally controlled climate controller that accurately creates the perfect climate in your room. From the digital display you can read all current values at a glance. Depending on the connected sensor(s), the Clima Control Plus can measure the actual values and register the minimum/maximum values of CO₂, temperature and air humidity.

Thanks to modern software, the Clima Control Plus can also control the temperature and relative humidity level in your room in a very accurate way. Moreover, day and night values can be set separately, and you can also set a time delay for switching between day and night mode.

In addition to a fan connection, the Clima Control Plus has a connection for heating: ideal if you want to heat up, for example when using LED lighting. The smart temperature alarm function ensures that your room does not get too hot and that the Clima Control Plus switches off an external contact during an overtemperature situation.

With the unique calibration function for the fan you can perfectly adjust the box and operate it in manual or automatic mode. The acceleration speed is also adjustable. The handy “temp offset” function enables to align the temperature sensor with other measuring equipment, for optimal results.

The Clima Control Plus has connections for 1 heater and 1 fan (14A), and is available in 2 versions: 7A and 14A. This controller comes without a sensor; various compatible sensors are available separately.

Features

- Connection for heater (14 A).
- Day and night temperature can be set separately.
- Humidity value can be set separately for day and night.
- Disconnection of an external contact by adjustable temperature alarm.
- Time delay for switching between day and night mode.
- Indication LEDs for light detection, fan, temperature and stable climate.
- Ideal for additional heating when using LED lighting.
- All settings are saved in the event of a power failure.
- Displays the minimum/maximum values of connected sensors (CO₂, temperature and air humidity).
- Controls temperature and relative humidity depending on the connected sensor(s).
- The fan can be operated automatically or manually.
- Fan control is adjustable in steps of 2%.
- Smart setting option to set the fan in 2 simple steps.
- Unique menu for adjusting each box, regardless of the format.
- Acceleration speed is adjustable.
- Available in 7A and 14A version.
- Possibility to connect to various TechGrow devices.
- Comes without sensor; various sensors are available separately.
- Possibility to connect to the TechGrow Datalogger (DL-1).

Technical specifications

- Power supply: 100 to 240V
- Consumption: 3W (with sensor, without fan)
- Maximum fan capacity: 7A/1700W, 14A/3400W

- Maximum heating capacity: 14A
- Maximum total capacity: 16A
- Measurement time: 1 measurement per second
- Setting range TEMP: 10.0 to 45.0 °C
- Setting range TEMP hysteresis: +/- 5.0 °C
- Setting range TEMP offset: +/- 5.0 °C
- Setting range RH: 11 - 100% / Off
- Setting range RH hysteresis: = +/- 30%