

Lumina⁷⁶²

Climate computer for exotic mushrooms

Maximum yield and quality



FANCOM[®]
forward thinking

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climate computer for exotic mushrooms

Growing exotic mushrooms such as oyster mushrooms, enoki and shiitake requires a careful approach to the growing process. Cultivation success depends on the perfect combination of the right nutrient soil and optimal climate conditions. The Fancom 762 climate computer provides exactly those ideal conditions in your growing rooms, taking into account outdoor conditions.

Optimal growth

The system continuously monitors key parameters such as substrate and air temperature, humidity and CO2 levels, always ensuring the right balance. In case of deviations, the computer intervenes quickly but also gradually, making fluctuations in growth conditions a thing of the past. The result? A stable climate and higher production of top-quality mushrooms.

Automatic control

The Fancom 762 effortlessly controls all air treatment systems in your growing rooms, regulating fresh air, circulation, cooling, heating and humidification. All this is done in an energy-friendly and efficient way. The system automatically decides when outside air or return air should be used, so you never heat or cool unnecessarily.

Flexible cultivation phases

With the 762, you can define up to 6 freely adjustable growing phases, which allows you to define growing conditions per phase in the cultivation process or for different mushroom species. Air and substrate temperature, relative humidity, CO2 and air speed are controlled automatically and adapt dynamically to the progress of the cultivation process. The flexible settings allow your mushrooms to grow at their best, with optimal results at each stage.

Easy operation and time-saving

The intuitive operation of the Fancom 762 via the touchscreen display makes it easy to consult all settings and measurements in one overview. You no longer have to worry about the climate as the system controls everything automatically. With extensive alarm options, the entire system is constantly monitored, while additional clock controls,

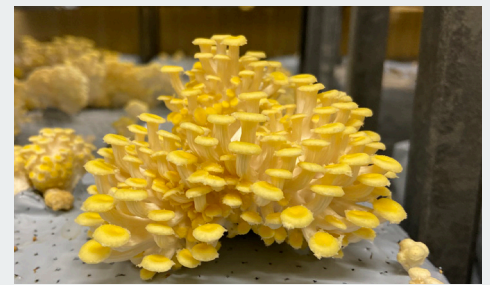


for example, switch on or off your lights at the right time.

Full overview

With the F-Central FarmManager programme, you have full control over your growing conditions anytime, anywhere. Via your PC, you can monitor, record and adjust the data of all your growing rooms in real time. You can easily create curves, assess alarm situations, compare rooms and consult historical data. This gives you a clear overview and allows you to accurately adjust the climate process for optimal results.

With the Fancom 762 climate computer, you get the most out of your cultivation of exotic mushrooms, with higher yields, improved quality and maximum ease of use.



Features

- Independent control for maximum four growing rooms
- Six universal growing phases
- Manual operation

Measurements

- Room air temperature
- Substrate temperature
- Air inlet temperature
- Cooling temperature
- Mixed air temperature
- Relative humidity growing room
- CO2-content
- Air flow:
- Fresh air
- Return air
- Circulation
- Air inlet position
- Outside temperature
- Outside RH

Alarms

- Frost danger
- Fan failure

Controls

- Heating
- Cooling
- Humidification
- Dehumidification
- Fresh air
- Circulation
- Time clocks
- Alarm

