

CREATING  
A CLIMATE  
FOR GROWTH

**PRIVA**



## > PRIVA COMPACT CC

### Controlling the essential growing conditions

Suitable for all types of crops and greenhouses:



Are you looking for a process computer that can be continuously adapted to your needs? One that incorporates all of today's essential controls, and can be evolved as you need more advanced technology in the future? Priva Compact CC controls the essential processes for various greenhouse facilities to give you perfect crop control. Its user-friendly design makes it easy to control climate, irrigation, lighting, CO<sub>2</sub> and energy. Anytime, anywhere and from any device.

#### > User-friendly operation

Clear user interface with intuitive dashboards and graphs

#### > Easy upgrade to meet future needs

Perfect fit with Priva Connex for more advanced technology

#### > Modular design

Customizable in line with your specific requirements

#### > Knowledge and expertise

Priva has amassed 60 years of knowledge and expertise in the horticulture industry

#### Tailored control of all relevant processes

To maximize the quality and yield of your crop, it is important to have optimal control of all the relevant technical processes.

The software controls of Priva Compact CC enable growers to manage the essential growing conditions in the greenhouse, 24/7, including ventilation, heating, curtains, CO<sub>2</sub>, fans, humidification, lighting, boilers, irrigation, fertilizer dosage and the reuse of drainage water. All these controls are fully integrated into the process computer.

#### Advanced controls

To achieve even better results, growers can additionally opt for advanced controls to further improve climate and irrigation conditions.

*Examples of advanced controls are:*

- > Moisture Balance Module
- > 24-hour temperature strategy
- > Ebb/Flood systems
- > Priva Vialux M-Line



### > Moisture Balance Module

The Moisture Balance Module is an excellent example of precision control. Many fruit-bearing crops, such as berries, must be given just the right amount of water to prevent the fruits from becoming damaged. Precise moisture sensors or scales accurately measure the evaporation, the plant's water consumption and the moisture level in the substrate, and the software uses the data to tailor the water supply in line with the plant's needs.



### > Ebb/Flood systems

Ebb/Flood systems are widely used by hydroponic growers. These systems revolve around a layer of irrigation water on a concrete floor, bench or table from which the plants can absorb the water and nutrients. Compact CC can control all regular Ebb/Flood systems as well as the associated storage tanks and silos. This approach generates savings in relation to water and fertilizers by reusing water in a smart way.



### > 24-hour temperature strategy

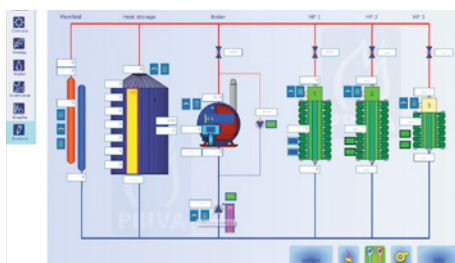
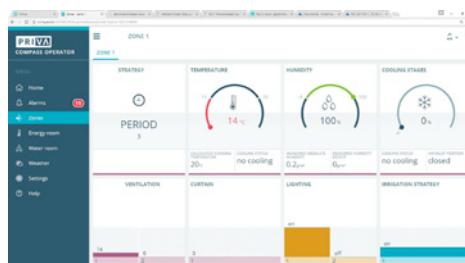
The 24-hour temperature strategy continuously monitors the temperature and automatically controls the light intensity, ventilation and heating to ensure that the desired average temperature is achieved during a 24-hour cycle. This allows you to optimally influence the growth rate of the crop.



### > Priva Vialux M-Line

Priva Vialux M-Line disinfects water using UV light, destroying all existing organisms such as fungi, bacteria and viruses. The system can be used to disinfect any volume of fresh water, recycled drainage water and discharge water.

## User-friendly operation



### > Priva Compact Operator

The Priva Compact Operator application allows you to control your greenhouse systems using any device (including tablets and smartphones). You can customize the dashboards to show the information that is most relevant to you in a clear and simple layout, giving you constant at-a-glance insight into the status of the various components of your greenhouse system. The intuitive user interface puts you in control of every aspect of your greenhouse operation at all times.

### > Priva Office Direct

The comprehensive Priva Office Direct application allows you to precisely manage and analyze all the controls and settings of your greenhouse, giving you detailed insight into your business processes over a longer period of time. The Priva Office dashboards provide clear overviews, making it easy to compare performance measurements against settings and calculations at a glance. This advanced control platform is available as an extra option.

## Upgrade to more advanced technology

As your company evolves, the addition of technical installations like buffers, CHPs and silo management creates the need for more advanced greenhouse technology. Priva Compact CC makes it easy to upgrade to Priva Connex, which is the most advanced process computer available, without having to reinstall your technical systems.

This results in significant savings in terms of labor costs, installation costs and commissioning costs. Hence, Priva Compact CC is a springboard to achieving further business growth.

## How can we help you?

Contact us to find out more about how Priva Compact CC can help to optimize your crop production activities and maximize your yield!