



# HortiMaX Aqua CX300

- Reliable, high quality design and the best possible support
- Suitable for most crops thanks to extensive setting options
- For all types of sprinkler and drip irrigation

# Ensures the right amounts of water and nutrients at the right times



**The HortiMaX Aqua CX300 is highly suitable for controlling a wide range of sprinkler (indoor or outdoor), fogging and drip irrigation systems, involving hydroponic or substrate growing media. The Aqua CX300 ensures that your crop receives the right amount of water, with the right blend of nutrients, at the right times. Thanks to its many configuration options, this fertigation controller can be tailored to exact needs of your glasshouse nursery.**

## **Optimum fertigation control**

The Aqua CX300 was specially designed to control both direct injection and mixing tank systems. The unit enables you to dose fertilisers from up to eight tanks simultaneously, in any ratio required. Regardless of whether you use compound or simple fertilisers, the Aqua CX300 will create the mixture you need in no time at all. The controller can be fitted with two EC sensors and two pH sensors, allowing you to monitor the quality and composition of your irrigation water. The Aqua CX300 also features an easy-to-operate user interface. The standard model is able to control 32 valves, divided into three valve groups. If desired, this can later be upgraded to 96 valves in ten valve groups.

## **Customised irrigation strategies**

All irrigation settings are stored independently of the valves in so-called irrigation programs. By linking these programs to valve groups, you can create your own customised irrigation strategies. The main benefit of this method is that it you only have to enter the settings of a particular irrigation strategy once. If you want to change the irrigation strategy later, you simply link the valve group to a different irrigation program. The Aqua CX300 is modular in design, so you only pay for the functionality you actually need.

The following modules are available:

- Basic module (included as standard)
- Valve module for 32 valves, up to 3 modules allowed (1 included as standard)
- EC module for EC control
- pH module for pH control
- Extra groups module for 7 additional valve groups or irrigation programs

The Aqua CX300 offers a wide range of options to initiate irrigation, including time starts, cyclic starts, contact starts, manual starts and starts based on the measured radiation sum. Other options include crop pre-rinsing, crop post-rinsing and frost prevention sprinkling. The controller is a breeze to program thanks to the menu-driven user

interface and eight-line display. Help can be shown on the display for every setting and readout. The Aqua CX300 can also be operated from a PC using the Synopta® software.

Aqua CX300 control features:

- Up to 96 valves (standard 32) and up to 10 valve groups (standard 3)
- Up to 6 valves operated simultaneously during irrigation
- Crop pre-rinsing and post-rinsing
- Frost prevention sprinkling
- Starts: Time start / Alternative time start / Cyclic start / Contact start / Manual start / Radiation start
- Radiation influence on EC control (optional)
- Filter flushing
- Unit pre-mixing and emptying mixer tank
- EC pre-blending
- Control of fertiliser tank blenders
- Dosing control for up to 8 different fertilisers
- Pump control during fertiliser dosing
- Delay opening of 1st valve in valve group
- Adjust irrigation volume based on measurement (e.g. weight)
- Control a second main pump

No rights can be derived from this leaflet. For more detailed information, please see our extensive HortiMaX Aqua CX300 Product Description.