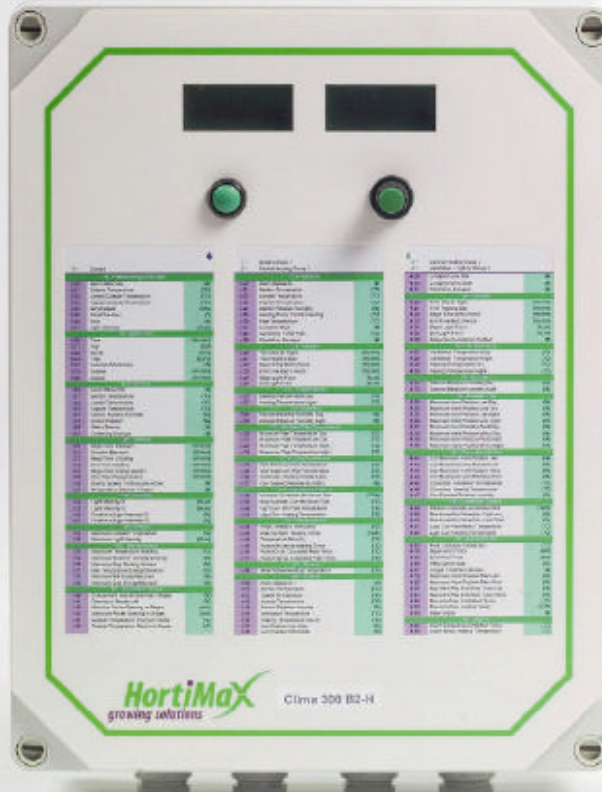


# Clima 300



- Excellent price / quality ratio
- Designed for businesses of up to three blocks
- Reliable operation



## State-of-the-Art Climate Controller for Medium-Sized Businesses

The Clima 300 is a flexible and competitively priced climate controller featuring advanced controls. Over 40 years of experience have gone into designing the Clima 300, making it one of the most reliable climate controllers available today. The Clima 300 also represents one of the most affordable choices for glasshouse operations of up to 3 blocks (or zones) with heating, ventilation and screen control needs.

**HortiMax**  
growing solutions



# Clima 300

## Technical Specifications

**Housing**  
Plastic

**Dimensions (hxwxd)**  
330 \* 260 \* 110 mm

**Power supply**  
85-264 V AC, 47-63 Hz

**Connected load**  
45 VA

**Inputs**  
Adjustable; 0-20mV; 0-10mA; PT100; 10 kilo-ohm NTC

**Outputs**  
24 V DC, max. 100mA

**Alarm outputs**  
Potential free (switching power: 150 mA, 350 V)

## Available Models

Model	Blocks	Controls
Clima 300 B1	1	<ul style="list-style-type: none"> <li>• Double-sided ventilation</li> <li>• Pipe heating (2x)</li> <li>• Hot air heating</li> <li>• Screen</li> </ul>
Clima 300 B2-W	2	<ul style="list-style-type: none"> <li>• Double-sided ventilation</li> <li>• Pipe heating</li> <li>• Hot air heating</li> </ul>
Clima 300 B2-H	2	<ul style="list-style-type: none"> <li>• Double-sided ventilation</li> <li>• Hot air heating</li> <li>• Screen</li> </ul>
Clima 300 B3	3	<ul style="list-style-type: none"> <li>• Double-sided ventilation</li> <li>• Hot air heating</li> </ul>

A wide range of other controls and control combinations are available at an extra charge. The Clima 300 can also be equipped with a clock circuit board which ensures that the system boots up with the correct time in the event of a power failure.

## Sensor options

Depending on the controls you select, you will also need certain sensor measurements. The following sensors can be connected to the Clima 300:

- |                       |   |
|-----------------------|---|
| Outdoor sensors:      | Indoor sensors:                             |
| • Outside temperature | • Ambient temperature                       |
| • Light intensity     | • Humidity (dry and wet bulb or electronic) |
| • Wind speed          | • Pipe temperature                          |
| • Wind direction      |   |
| • Rain detection      |   |

These sensors can be connected directly to the Clima 300. Pt100, Pt1000 and NTC sensors can be used to provide the temperature and dry-and-wet-bulb measurements. The sensor inputs are configured using jumpers.

## Operating the Clima 300

The rotary knob on the operating panel allows you to browse through the list of settings and readouts. The left side of the LCD display shows the number of the variable, while the right side shows the set, calculated or measured value of that variable. All of the settings are saved in the computer's memory and restored if the computer is rebooted. The settings are also listed on the panel for easy reference and include clear descriptions of each. Since every setting has a default value, the controller is ready for operation immediately after installation.

## PC Interface

The Clima 300 can also be operated from a PC. All this requires is an interface box to be connected between the two systems to enable data communication. The PC can also be used to save long-term climate data and display such data in graphs.

## More information?

For more information on the Clima 300, please contact HortiMaX +31(0) 15 362 03 00 or one of our dealers near you. You can also visit our website at [www.hortimax.com](http://www.hortimax.com)