

# GREEN CLIMATE

## Climate Controller

### FEATURES

- Cost-effective solution provides a high return on investment
- Automated control provides your plants with an ideal environment
- Intelligent climate controls reduce heating and cooling expenses
- Alarms package keeps you up to date in real time about any issues that arise
- Advanced data storage enables high level of data analysis



## Green Climate Controller

Munters Green Climate Controller provides a comprehensive climate control system for industrial greenhouses, enabling you to maximize both your efficiency and yields. Capable of providing a large range of climatic conditions, Green Climate is a cost-effective system suitable for any climate-controlled greenhouse.

Green Climate's rich functionality package supports control over ventilation, shading, heating, misting, fans and more. Each controller provides these functions in (up to) four climates zones; a single network can contain up to 50 zones. All functions respond in real time to changes in the climate.

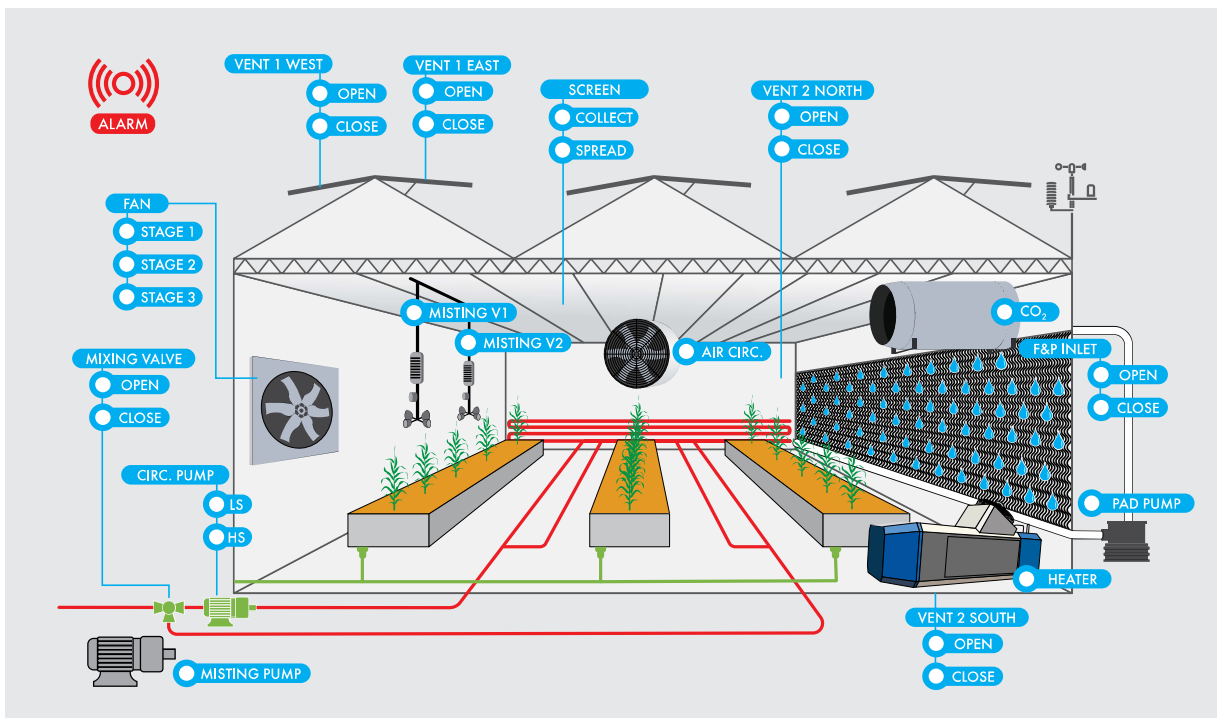
Green Climate can be integrated with Green Net, an advanced software program packaged in a user-friendly, colored GUI. Green Net enables remote control over product configuration and management, climate control, along with analysis of the controller's performance.



GREEN CLIMATE

## Software functionality gives control over:

- Vents:
    - » Top
    - » Side
  - Screens:
    - » Shading
    - » Energy
  - Heating:
    - » On/Off Heating and up to five water heating networks per zone
    - » Upgraded heating network algorithm enables high calculation accuracy, performance and energy efficiency
  - Misting:
    - » Up to eight misting valves per zone
    - » PID control by temperature, RH and VPD triggers
  - Fans & Cool Pads:
    - » Up to eight fan stages per zone
    - » Controlled by temperature, RH and/or time (integrated air inlet control)
  - Air Circulation:
    - » Controlled by time and/or trigger, temperature and RH
  - CO<sub>2</sub> Level:
    - » Active responses
    - » Passive responses
  - Lighting:
    - » Up to four strings per zone
    - » Cyclic or fixed operations
  - Crop protection provides four step process:
    1. Prepare
    2. Spray
    3. Process
    4. Purge
- ▶ Weather station data is shared with all controllers in a network
  - ▶ Humidity and temperature sensor housing is designed for enhanced durability



For more information on this product go to:

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