

# EnviroSTEP

## INTEGRATED CONTROL

Wadsworth designed this advanced integrated controller to offer flexibility, functionality and a friendly user interface. That's why it's our number one selling control. And it bears the UL (Underwriters Laboratory) mark, your assurance of regulatory approval and safety.



### FEATURES

- Single zone control can connect up to 100 zones
- New and improved back lit LED screen
- 4 analog outputs (0 to 10VDC) to control variable-speed fans and modulating valves
- 3 setpoint periods – day, night and DIF
- 12 relay outputs with manual override switches
- Ramping allows for gentle transition between setpoint periods and saves fuel
- 2 analog input channels for connecting light, CO2, RH and temperature sensors
- 4 digital detector channels sense precipitation, wind speed and wind direction
- Records the status of all inputs and outputs in 15-minute increments
- Alarm outputs: temperature, RH and power failure
- Replaceable 10 amp DPDT relays can operate a wide variety of equipment. These relays reduce the cost of your contactor panel
- Cabinet measures 16" x 16" x 5" (406 x 406 x 127 mm) Shipping weight 28 lbs / 13 kg
- Keypad for easy operation
- NEMA-4 Cabinet, with locking door, protects against moisture and sunlight
- Add STEPsaver software for more powerful data storage, reporting and remote monitoring

### REQUIRES

- Solar-shielded outdoor temperature sensor with 25' of cable

### INCLUDED

- Aspirated Precision solar-guarded temperature and humidity sensor plus 100' of cable

**To find out more** call 888-334-1440 Email: [usgr@usgr.com](mailto:usgr@usgr.com)

**Being a research facility,** we need to provide specific environments on a project basis. Our 50 EnviroSTEPs allow us to offer a precise climate tailored for each experiment, and that makes our researchers very happy.

**JIM ERVIN**  
Oregon State University  
Corvallis, OR

**I like the EnviroSTEP** because of its ease of operation and flexibility. We use it to control a lot of different equipment including hot air furnaces, HAF fans, and multiple cooling units including, shutters, inflatable wall vents and fans. It allows us to control all of our equipment efficiently from a central controller.

The EnviroSTEP keeps the greenhouse within our desired setpoint range and the control responds immediately to any adjustments I make.

**DOUG FIELD**  
Five Acre Farms  
Norfolk, MA

**The EnviroSTEPs are easy** to use and they have great longevity. The fact that the EnviroSTEP panels manage all the systems in each greenhouse has made controlling the climate easier. We are now able to achieve much tighter control in our greenhouses, which is very beneficial to our teaching and research programs. The great technical support makes using the system that much easier and gives me peace of mind.

**CHRIS JOYNER**  
University of Massachusetts  
Amherst, MA

## US GLOBAL RESOURCES

80 YEARS OF SERVICE TO A GROWING WORLD

# STEPsaver

SOFTWARE



Add the convenience of remote access to your environmental control allowing you to manage your greenhouse and monitor conditions from your Smartphone or computer. STEP saver provides a single view of all of your greenhouse zones and offers advanced data logging and analysis tools to help you manage your crop.

## STEPsaver as a Productivity Tool

- Multiple Document Interface allows you to view and cross reference information like setpoints, or make comparisons between zones
- Allows for remote consultation and training
- Provides an arena for learning full capabilities of your VersiSTEP or EnviroSTEP
- STEPsaver's powerful tools help you view, interpret and manage greenhouse climate data and settings at the control or remotely
- View conditions for the entire greenhouse range at a glance
- Allows you to see and change the settings for any controller in any zone
- Not limited to a single user/computer. No extra charge or subscription fees for sites with a Local Area Network
- Remote access allow you to monitor and change greenhouse conditions from your Smartphone, tablet or computer
- STEPsaver Imaging provides a comprehensive snapshot of settings so you can replicate previous success

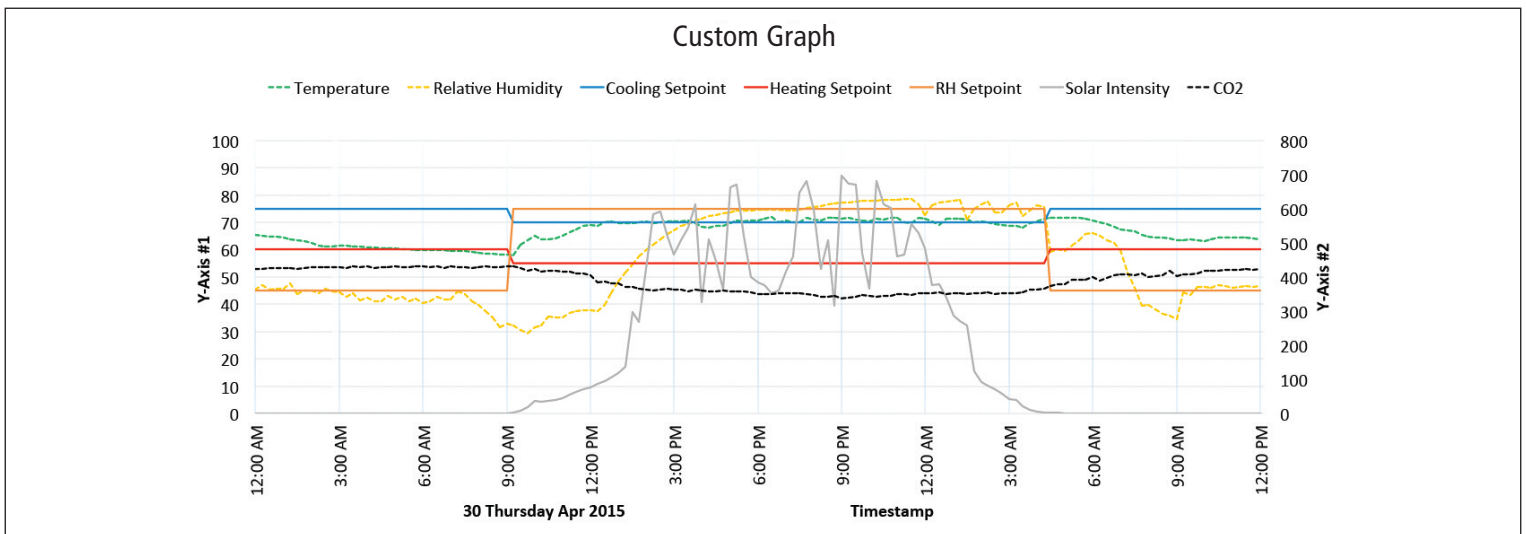
## STEPsaver as an Analysis Tool

- STEPsaver expands the graphing power of your Wadsworth integrated control
- Analyze sensors and equipment usage
- Compare data between zones
- Filter data to pinpoint every entry, or broaden view to a few points that represent hours or an entire day. Spot long-term trends by hiding detail
- Create custom graphs to analyze sensor readings, equipment use and weather
- Download data
- Presentation quality printed reports

## STEPsaver as a Management Tool

- Transfer and store data
- Built-in reporting tools
- Monitor and manage your energy consumption
- Confirm that systems are running as expected
- View the average temperature and humidity for day, night and DIF
- Manage access to settings with user names and passwords

**SYSTEM REQUIREMENTS** • Windows XP (32 bit only), Windows 7 and Windows 8 (32 and 64 bit) • 1 GIG of RAM • 500 MB available hard disk space  
• Compatible with the EnviroSTEP or VersiSTEP controls



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