

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.

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



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

Aspirated Precision Sensors included:

- Solar-guarded temperature and humidity sensor and 100' of cable
- Solar-shielded outdoor temperature sensor with 25' of cable