

Steppin' Out

Wadsworth Control Systems Inc.'s new VersiSTEP computer provides complete control and more flexibility with one easy-to-install unit.

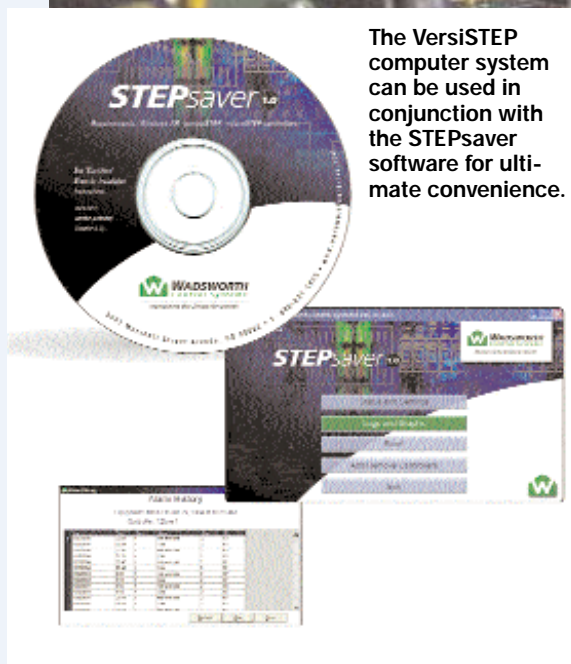
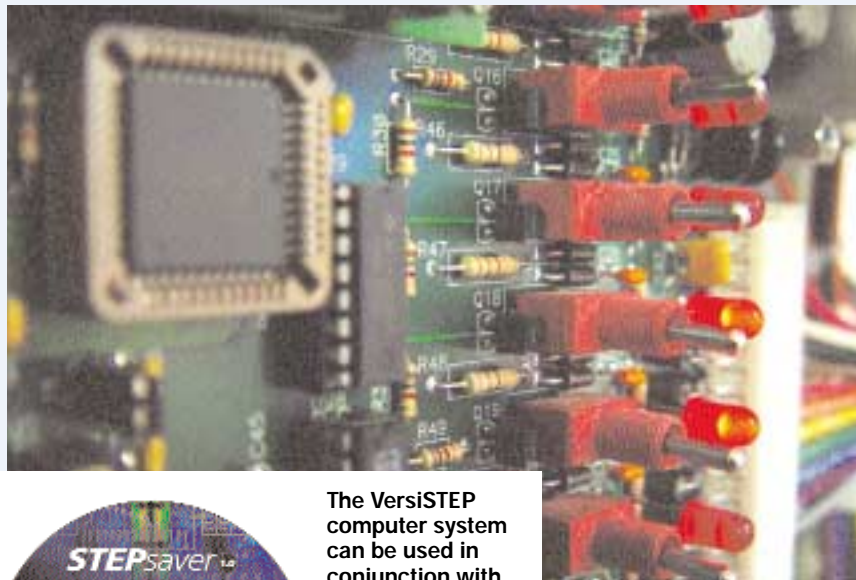
THE new VersiSTEP computer is specially designed to control multiple zones, and is completely self-contained so no other computer system is necessary. Optional STEPsaver software can link the greenhouse computer to a personal computer for record keeping, monitoring or changes to equipment settings.

The Specs

The VersiSTEP has 24 relay outputs that can control almost anything in the greenhouse including temperature, humidity, energy curtains, lighting, CO₂, irrigation, misting, fog and others. There are 32 inputs for sensors, as well as manual override switches that are custom programmed to match equipment in each greenhouse. It has three setpoint periods: day, night and DIF; with programmable ramp rates at the onset of each setpoint period for full control over condition changes. The VersiSTEP system also records the status of all inputs and outputs in 15-minute increments and allows the user to view this data in graphical form. Additionally, it's built to meet UL standards and includes an aspirated temperature and humidity sensing module with 100 feet of cable.

The Total Package

The VersiSTEP system can be used in conjunction with the STEPsaver software for ultimate convenience. The STEPsaver software connects multiple systems, including the VersiSTEP, to a PC for remote access. That way, growers can change and monitor equipment and zone conditions



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from another location within the facility. The STEPsaver software is Windows-based in design and allows for password protection and advanced data logging and graphing of sensors and equipment.

Out Of This World

The VersiSTEP Satellite gives the user the option to have an additional 16 outputs for a total of 40. This is an inexpensive way to add more output relays without purchasing an additional controller. Like the VersiSTEP, it comes in an anodized aluminum cabinet to protect against sunlight and moisture in the greenhouse environment.

The cabinets are built with more room inside for easier installation and wiring. The layout of the Satellite is similar to that of the main controller, maintaining consistency between the two units.

Historically Speaking

Wadsworth Control Systems Inc. has been providing automation since 1952 and specializes in environmental control products for growers of all kinds. The systems developed by Wadsworth over the years include vent and temperature control systems, rack and pinion vent openers, energy curtain systems, computers, software, and weather stations. The company has a new catalog that is available on the Web site at www.wadsworthcontrols.com.

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