

# New Product SHOWCASE

The Versatile Vent's display shows temperature in Fahrenheit or Celsius degrees.



**W**ADSWORTH Control Systems has developed the ultimate vent controller: a vent control that works no matter what type of environmental control is being used.

"At Wadsworth Controls we continually strive to improve our product line by responding to the evolving needs of the industry," says Gary Dean, Wadsworth president. "To satisfy the needs and demands of today's growers we designed and engineered the new Versatile Vent with the 'keep it simple' concept in mind. It was Einstein who observed that 'everything should be made as simple as possible, but not simpler,' and that's what the Wadsworth engineering team has accomplished."

Dean points out that the easy-to-use Versatile Vent can replace any of the company's existing vent controllers, and simplifies new control tasks, as well. Its built-in intelligence can operate any vent incrementally, and uses a bright LED display to show the vent position. If needed, vents can still be positioned manually using the Versatile Vent's open and close toggle switches, which bypass all the electronics, providing true manual override.

For growers working with staged controllers such as Wadsworth's popular STEP 50A or STEP 500, the Versatile Vent converts relay signals from the controller into three increments of vent opening for three stages of cooling. It works equally well with computerized climate controls, letting them decide the increments of vent opening. By adding an optional temperature sensor, the Versatile Vent can stand alone: no thermostat is required. In stand-alone mode, the Versatile Vent's LED display shows the temperature in a choice of Fahrenheit or Celsius degrees, as well as the vent position.

## Computer Smarts

The Versatile Vent uses microcomputer intelligence to ad-



The Versatile Vent controller has been well received in the marketplace, according to Patricia Dean, Wadsworth Control's vice president of customer relations.

## All-Environment Controller

**Wadsworth Control System's Versatile Vent aims for simplicity and configurability.**

just vent position. Once installed, the controller measures the total time needed to open and close vents. It measures time in both directions to accommodate older vent drives that close faster than they open. In operation it turns the vent motor on for a portion of its total running time to move the vent to each increment of opening and closing. All times are measured to a fraction of a second with computer accuracy.

The Versatile Vent can be configured on the job, but is also offered in three ready-to-use configurations: the Versatile Vent Complete Package includes the controller, an aspirated temperature sensor and 100 feet of sensor cable; the Versatile Vent Satellite Package includes the Versatile Vent controller preconfigured to interface with a computerized or staged climate control system; and the Versatile Vent Repeater Package copies the movements of a Complete or Satellite system exactly, and is best suited to operating a group of vents in a gutter-connected block all alike. Though it can work with any vent motor, the Versatile Vent is ideally matched to Wadsworth's ILS series of vent drives.

Designed for the damp greenhouse environment, the Versatile Vent is housed in a NEMA-4X cabinet measuring a compact 12-inch by 8-inch by 7-inch. The enclosure keeps moisture out and because it is made of rugged polycarbonate resin, it will never rust.

For more information, call 800-482-7943 or visit [www.wadsworthcontrols.com](http://www.wadsworthcontrols.com)

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