

# MULTI-STAGE CONTROL

AGRICULTURAL

## PRODUCT HIGHLIGHTS

### FEATURES:

- Automatic temperature-based control
- Seven configurable operation programs
- Adjustable temperature set-point and differential
- Adjustable high/low temperature alert settings
- Two variable stages
- Three general-purpose relays (heat, cool or disconnect)
- One alarm relay (for external alarm system or siren)
- Four-character LED display and individual stage LEDs
- Fahrenheit and Celsius display
- Minimum and maximum temperature logging
- Error code display for troubleshooting
- Three-second full-power-turn-on to minimize fan ice-up
- Ventilation disable option
- Manual override/test mode
- One temperature probe input
- Power-failure memory protection
- 30-foot temperature probe, extendable to 500 feet
- Overload protection fuses
- Rugged enclosure (corrosion resistant, water resistant and fire retardant)
- CSA approved
- Two-year limited warranty



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<b>Input power</b>	120/230 VAC, 50/60 Hz
<b>Variable stages</b>	10 A at 120/230 VAC, general-purpose (resistive) 7 FLA at 120/230 VAC, PSC motor 1/2 HP at 120 VAC, 1 HP at 230 VAC, PSC motor
<b>Variable stage fuses</b>	15 A, 250 VAC ABC-type ceramic
<b>DC signal output</b> (V1, V2)	1 to 10 VDC, 2KΩ load
<b>Relay stages</b> ① (STAGE 3, STAGE 4, STAGE 5)	6 A at 120/230 VAC, general-purpose (resistive) 1/3 HP at 120 VAC, 1/2 HP at 230 VAC 360 W tungsten at 120 VAC
<b>Relay Fuses</b> (F1, F4 and F5)	12 A, 250 VAC ABC-type ceramic
<b>Alarm relay</b>	0.4 A at 125 VAC; 2 A at 30 VDC, resistive load 0.2 A at 125 VAC; 1 A at 30 VDC, inductive load
① You can connect more than one piece of equipment to a relay as long as they are the same type (for example, two fans) and the total current draw does not exceed the stage's limit.	

VES Environmental Solutions, LLC is North America's most innovative ventilation and environmental control company. Our new VESC0422 control is designed to run multiple fans which are controlled by VFD's (Variable Frequency Drive). This control can run two stages of 0-10V DC signals for the VFD's on our 72" and 50" ECVC Fans and AFR72" and AFR50" variable exhaust fans. The VESC0422 control also has three single stage relay's that can be used as ventilation, heating or cooling controls.

### DESCRIPTION

The VESC0422 control is a temperature-based control with two variable DC outputs and three relays. The VESC0422 comes with seven factory-configured operating programs which can be easily configured for your ideal situation.

The VESC0422 displays alert conditions such as high and low temperatures, power failure, and low line Voltage and can also connect to an alarm siren, alarm panel or auto-dialer. The VESC0422 is ideal for poultry, livestock, greenhouse or light-industrial buildings.