



OSBORNE®

e-VENT™ Ventilation Controls

“e-Z to Learn, e-Z to Use, and e-Z to Maintain!”

Osborne e-VENT™ Ventilation Control Systems

The simplicity of the new e-VENT family of controls creates a user-friendly, easy to use control. These controls have up to eleven different stages, making it versatile to meet any need. Exhaust cooling, circulation fans, heating, air conditioning and curtains can all be integrated into one e-VENT control, thus maximizing animal health and profitability. Special customizing can be done if an existing model does not meet your needs.

Pay only for the features you need! e-VENT controls can be customized and specially programmed for the options that you need.

Special “Lock-Out” feature is included to prevent any unauthorized changes after the control is set. Once locked, NO adjustments can be made without disabling the lock-out.



Features for e-VENT Controls

- Up to 3 variable speed stages
- Up to 8 on/off stages
 - Optional Heating, Exhaust Cooling, Air Conditioning, Curtains, Alert
- Simple 2-knob data entry
- Automatic temperature ramping
- High/Low temperature tracking
- Testing mode (each stage may be individually checked)

(See the reverse side for additional specifications)

Various e-VENT™ Models*												
Catalog Number	Programming				3rd v-spd module included	Variable Speed Options		On/Off Options				
	v-spd stages	on/off stages	# of sensors	Ramp-ing		Exhaust Cooling	Circulation	Exhaust Cooling	AC	Heater	Alert Relay	Curtain Control
FE-EV2201	2	2	1	Yes	-	2	-	1	-	1	-	-
FE-EV2202	2	2	1	Yes	-	2	-	2	-	-	-	-
FE-EV22H1	2	2	2	No	-	2	-	-	1	1	-	-
FE-EV2401	2	4	1	Yes	-	2	-	2	-	1	1	-
FE-EV2402	2	4	2	Yes	-	2	-	-	-	1	-	2
FE-EV2601	2	6	1	Yes	-	2	-	4	-	2	-	-
FE-EV3201	3	2	1	Yes	Yes	2	1	1	-	1	-	-
FE-EV32H2	3	2	2	No	Yes	2	1	-	1	1	-	-
FE-EV3401	3	4	1	Yes	No	2	-	2	-	1	1	-
FE-EV3402	3	4	1	Yes	Yes	2	1	2	-	1	1	-
FE-EV3403	3	4	1	Yes	Yes	2	1	2	-	1	-	-
FE-EV34H1	3	4	2	No	No	2	-	2	1	1	-	-
FE-EV34H2	3	4	2	No	Yes	2	-	2	1	1	-	-

* Contact Osborne Customer Service or your Osborne Sales Representative for Customizing Options.

Single Source
SWINE SOLUTIONS™

Osborne Customer Service

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e-VENT™ Features & Specifications

Special Features:

Air conditioning integration. Special programming automatically reduces the ventilation rate to minimum ventilation rate to minimize cooling expenses.

The COOL/VENT mode settings means easy conversion of minimum speed operation.

Low temperature Auto-OFF protects the animals from chilling if the temperature drops too low.

Adjustable temperature spans for fan speed variation from minimum speed to full speed.

PowerUp™ feature starts fan at full speed to open iced-over shutters or to overcome motor starting resistance, and to reduce start-up over-current motor heating.

Visual and sound feedback for minimum speed adjustment gives the operator an immediate feel for the effect of the chosen speed value.

Features for Easy Use:

Automatic temperature ramping. The control automatically lowers the temperature each day after the user specifies the set point, end point and daily temperature change.

Choice of Celsius or Fahrenheit temperature display.

Option for up to 3 sensors for large rooms and mist control.

Each stage set point is relative to the system set point. Stages move automatically with the system set-point.

Safety Features:

Separate line and load connections for each stage means fans are on separate power, so if one overloads, others are not affected.

All set-up parameters are stored; they are not lost if a power failure occurs. Control resumes when power is restored.

Alert output is activated whenever an alert condition (temperature, power outage, sensor fault, or other control fault) occurs.

Specifications:

Up to 11 Stages. (Maximum of 3 variable and 8 on/off stages.)

Temperature range: 32° - 112°F

Input Voltage: either 115 or 230 volt operation by changing a 115/230 switch.

Output Current: 10 Amps maximum, per stage

Field adjustable choice of either (A) low-speed continuous fan operation below Set-point Temperature or (B) fan shut-off below Set-point Temperature on Variable Speed cooling stages

LEDs on front panel to show active stages for quick visual check of operations.

Large three-digit LED numbers for easily visible temperature check. Easy visibility in poor lighting conditions, even at a distance.

Individual LEDs indicate selection of most frequently accessed settings.

RFI filtering to reduce radio static.

High-impact plastic enclosure shields controls from corrosive gasses and moisture.