Connectivity

LINK Software

Monitor and manage one or multiple buildings from a central computer.

LINK provides the ability to remotely "call up" a specific house, check current conditions and change control settings right from the computer keyboard. In addition, LINK can use the historical information stored in Ventra's memory to help pinpoint problems and provide a clearer picture of overall performance. Information can be selected and arranged to provide a comparison of environmental conditions in different houses, measure total daily water use, generate temperature and humidity graphs for a specific period and much more.

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Expansion Stations & Modules

12 & 12VS Expansion Modules

Adds 12 Output or 10 Output + 2 Variable Speeds to any Ventra Controller.

2VS (Ventra Vari-Speed Module)

Adds 2 Variable Speed channels to any Ventra Controller.

950SPS (Ventra Static Pressure Module)

Control inlets and curtains based on target air pressure. Alarm feature for "out of limit" condition.

CS2000 Communication Station

Allows on-site communication between a PC and your Ventra Controller using a direct (serial port) connection or off-site using a dial-up connection.

SENSORS

TEMPERATURE/ AIR SPEED	HUMIDITY	WATER	FEED

Contact your local VAL-CO Representative or Distributor for more information on how Ventra Environmental Control Systems can improve feed efficiency and provide healthier animals with lower mortality and greater productivity!

The new and efficient way to manage production facilities using computer logic and site-specific flexibility.

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VENTRA™ Controllers Provide Ideal Environmental Conditions.

Offering quality, efficiency and consistency.

The Ventra family of products provides environmental monitoring and control for hog, poultry and other types of operations. Ventra controllers can be set up to meet the unique needs of hog or poultry operations by simply selecting either "Hog" or "Poultry" in the software menu.

Modern environmental controllers provide a consistent climate for your animals resulting in better feed efficiency, better growth and lower mortality. This is achieved through careful monitoring of temperature, air speed, humidity, static pressure, feed use and water use. All of these "inputs" are used to determine when to turn fans on and off, when to open and close the air inlets, when to turn on tunnel ventilation and much more. Using the controller's keypad, you simply input operating parameters for your devices, desired building temperature (which can be adjusted automatically over time), and conditional decisions such as at what humidity level should fogging/misting be disabled.

Rest assured, if something goes wrong the Ventra activates an alarm output relay which can be used to notify you of critical errors in water, feed, power, temperature, air pressure, RH and data communication.
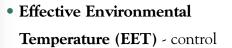
VENTRA™

FEATURES:

- **Easy-to-Read** - 2-line backlit display.

- **Multiple Zone Capability** - with up to 9 zones (1200 Series only).

- **Shared Sensor technology (SST)** - provides ultimate climate control by controlling any device with any sensor.

- **Effective Environmental Temperature (EET)** - control monitors & adjusts actual temperature settings based on temperature, humidity, air speed and floor type to maintain optimal (age specific) animal comfort.

- **Hot Keys™** - for instant access to set-up menus and operating parameters on all Ventra 1200 through 3200 controls.

- **ON/OFF/AUTO** - manual override switches on all output channels.

- **User Defined** - output channels with pre-printed supplied label set.

- **Built-In Fuse** - protected relays with 20-amp fuse.

- **Heavy Duty NEMA-4X** - enclosure protects electronics from moisture, dust and chemical for greater reliability and life.

- **Easy Access** - to internal adjustments and wiring with snap open latches.

- **NV Logic** - specifically designed to operate naturally ventilated buildings.

- **Humidity Control** - automatically regulates various devices based on RH or RH and temperature.

VENTRA 1200ZP

Output Channels
Weatherproof ON/OFF/AUTO toggle switch with status LED and channel identification labels.

2-Line Display
2 lines, 48-character backlit display spells out information.

ON ◄ OFF ► AUTO
SIDEWALL FAN GROUP 1

TEMPERATURE CONTROL SETTING
Temp Setpoint: 70.5

VENTRA 1200 Series

1200ZP
- 12 Independent Device output channels with 20A/10A @ 240VAC Relays
- 14 Sensor inputs (10 analog and 4 digital) for temperature, RH, feed motor, static pressure, water sensor and digital switch
- HotKeys
- Multi Zone capability (up to 9 zones)
- Expansion capable
- Input power 90-265VAC 50/60Hz auto-sensing
- 10.5"w x 12.5"h x 6.25"d

VENTRA 1200ZPVS

1200ZPVS
This model is the same as the 1200ZP except:
- 10 output channels
- 2 Variable Speed Channels with 20A/1.5HP @ 240VAC or 10A/1HP @ 120VAC rating

VENTRA 1600 Series
- 16 independent device output channels with 20A/10A @ 240 VAC Relays
- HotKeys
- Single zone
- Expansion capable
- 18 sensor inputs (14 analog and 4 digital) for temperature, RH, feed motor, static pressure, water sensor and digital switch
- Input power 90-265VAC 50/60Hz auto-sensing
- 16.75"w x 18.75"h x 10.25"d

VENTRA 1600P

VENTRA 3200 Series
- 32 independent device output channels with 20A/10A @ 240 VAC Relays
- HotKeys
- Single zone
- Expansion capable
- 18 sensor inputs (14 analog and 4 digital) for temperature, RH, feed motor, static pressure, water sensor and digital switch
- Input power 90-265VAC 50/60Hz auto-sensing
- 16.75"w x 18.75"h x 10.25"d

VENTRA 3200P