



Take Control to a Whole New Level!

VAL-CO® is proud to introduce the Horizon® Controller with options that can help to save you time and money.

Features & Benefits:

The VAL-CO family of products provides all your equipment needs.

- Complete Housing Systems
- Breeder Systems
- Feeding Systems & Storage
- Watering Systems
- Controllers
- Heating and Cooling
- Fans, Inlets & Chimneys
- Scales
- Cremators

- **Easy to Use:** large, rugged, touch screen display shows all your important information. Simple, intuitive software guides you through setup and initial programming.
- **Modular components:** make troubleshooting and maintenance fast while leaving ample workroom..
- **Multiple programs and multiple zones:** to control virtually any barn configuration.
- **Remote access:** through any web-enabled computer.
- **Dual alarm relays:** allow you to specify major and minor alarms and choice of local and remote notifications.
- **Smooth minimum vent curve:** reduces disruptions to delicate chicks and poults; options to automatically adjust minimum ventilation based on humidity and outside temperature.
- **Optional wear leveling:** helps balance motor wear across tunnel fans.



Performance You Can Count On

HORIZON™
WHOLE HOUSE CONTROL

Specifications

TEMPERATURE RANGE

Operation: From 32° F to 104° F (0° C to 40° C)
Storage: From -4° F to 131°F (-20° C to 55° C)
Adjustable set point: From -40° F to 120° F (-40° C to 48.9° C)

POWER SUPPLY

Voltage: 115 to 230 VAC
Frequency: 50 to 60 Hz
Circuit protection: Feed overload and over-voltage protection (outputs)

OUTPUTS

No. of outputs: 42 - on/off relays
4 - 0-10V analog outputs

Alarm relays: 2 - 24 V, 20 A, NO & NC
On/Off relays: 1.5 HP @ 250 VAC; 1 HP @ 125 VAC
Expansion capabilities: Yes

INPUTS

Digital or analog: 24

HOUSING

Main Unit

	Height	x	Width	x	Depth
Nominal Dimensions:	16 in. (41 cm)	x	14 in. (36 cm)	x	8 in. (20 cm)
Weight:	24 lbs. (10.9 kg)				
Material:	Polycarbonate				
Norms:	NEMA4X				

Expansion Unit

	Height	x	Width	x	Depth
Nominal Dimensions:	18 in. (46 cm)	x	16 in. (41 cm)	x	10 in. (26 cm)
Weight:	28 lbs. (12.7 kg)				
Material:	Polycarbonate				
Norms:	NEMA4X				

***Water and dust-tight; protected both indoors and outdoors against splashing water, seepage and falling water or hose-directed water and severe external condensation.**



Some of the various screens you will see on the Horizon Controller.

Call your local **VAL-CO** representative or distributor for more information on these and our other fine products.

North America:

Phone: 800-99VALCO (800-998-2526)

Fax: (+1) 419-678-2200

E-mail: sales@val-co.com

International:

Phone: (+1) 419-678-8731

Fax: (+1) 419-678-2200

E-mail: intl.sales@val-co.com



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www.val-co.com