FARMCONNECT

With FarmConnect, Stienen's management program, you have insight into your business operations anytime, anywhere. The system collects all current and historical data from your controllers, combines it, and displays it in clear dashboards, graphs, and tables.

Whether you are at your farm or on the road, you are connected day and night to all your management computers.

You can easily view and compare the performance of your animals, analyze trends, and make immediate adjustments when necessary.





STIENEN AGRI AUTOMATION

Stienen is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

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STIENEN BO

BO-AIR CL

ADVANCED CURTAIN CONTROL



For cattle farming

- For controlling 2 curtains (directly connectable)
- Clear touchscreen control
- Weather station for rain detection, wind speed and wind direction measurement (optional)
- Optimal ventilation via ridge ventilation or circulation fans
- Optional cooling control
- Multiple Bo-Air units can communicate with one weather station
- Remote control with FarmConnect (future option)

Bo-Air-CL-L-EN26110

STIENEN BO



Optimum ventilation

An optimal cattle house environment for your livestock requires optimal ventilation.

With the new and innovative Bo-Air CL climate computer, you can effectively control your curtains and achieve the ideal fresh air flow in the cattle house.

An optional weather station ensures optimal weather-dependent operation of your curtains.

BO-AIR CL FEATURES



INPUTS
- House temperature left
- House temperature right
- Outdoor temp. sensor

OUTPUTS
- Ridge ventilation or circulation control (0-10V)
- Tunnel fan (1 step)
- Tunnel inlet
- Cooling
- Heating

ALARM

CONNECTIVITY
- Ethernet
- FamConnect *(future)*
- Multicontroller

WEATHERSTATION
- Wind speed
- Wind direction
- Rain detection

CURTAIN CONTROL SYSTEM
- Left/right curtain motors
- Open/close relay output (1-phase~or 3-phase)
- Position feedback (Ω or V)
- Open/closed limit swtiches
- Open/closed manual controls

SPECIFICATIONS BO-AIR CL

GENERAL

Dimensions, external (L × W × H)	150 × 370 × 285 mm
Housing	IP54
Ambient temperature	0-45°C
Supply voltage	240Vac - 50/60Hz
Power supply	12/24Vdc
Temperature sensors	3
Alarm relay	Max. 24Vac/dc 2A

CURTAIN CONTROL

Relay left/right curtain	Max 440Vac 6A, 24Vdc coil voltage
Digital inputs limit switches	Left curtain closed Left curtain open Right curtain closed Right curtain open
Analog input feedback	Position left curtain motor Positie right motor

INPUTS AND OUTPUTS

Temperature inputs	House temperature left, house temperatuur right, outside temperature
Analog inputs	Wind direction
Digital inputs	Wind speed, rain detection
Relay outputs	Heating, cooling, tunnelventilator,alarm
Analog outputs	Ridge ventilation/circulation fans, tunnelinlet

WEATHER STATION (optional)

By adding a weather station to your curtain controller, you can respond immediately to current weather conditions. You can adjust your curtain positions in advance for an optimal climate. Optionally, the data from the weather station can be shared with multiple controllers.



