

CBA-2000 series

Climate control system for individual rooms with a direct air inlet

- Suitable for one room with one air intake zone
- Available with a 0-10V, 6A or 12A fan control output
- Monitors the room temperature
- Includes several compensation control functions
- 2 Heating control functions
- 1 Cooling control function
- Built-in alarm function
- Ventilation can be controlled in 2 groups
- Displays the current ventilation and temperature
- Can be combined with AQC air control units, Ecovent and central exhaust
- Protected communication with **FarmConnect**

The CBA-2000 series: climate control systems for individual rooms with a direct air intake

CBA-2000 series climate computers control the climate in individual rooms with one air intake zone. They feature two displays that keep you up to date with the current temperature and ventilation in the house. And the CBA series also monitors the room temperature and activates cooling when necessary. If the temperature ever rises above the set limits, an alarm is generated. Ventilation demand is met by several fans that can be controlled in two groups. Four breakpoints in the growth curves let you accurately program the climate control process development to ensure the right climate in the room.



Technical specifications CBA-2000 series

General

- 230Vac - 50/60Hz supply voltage
- protection category IP-54
- ABS housing
- min. ambient temp.: -5°C
- max. ambient temp.: 40°C
- optional: communication via an RS-485 PC

Inputs

- 2 temperature sensors
- 1 outside temperature sensor
- 1 measuring fan input

Outputs

- 2 relay outputs, 230Vac/2A
- 2 outputs, 0-10Vdc
- 1 error relay, 24Vac/2A
- 1 supply voltage, 24Vdc

Available in 3 versions

CBA-2000:

- 0-10Vdc fan output
- 25VA load
- dimensions: 180 x 220 x 100mm

CBA-2006:

- 230Vac/6Amp fan output
- 1.4kVA load
- dimensions: 280 x 220 x 120mm

CBA-2012:

- 230Vac/12Amp fan output
- 2.8kVA load
- dimensions: 280 x 220 x 150mm

AQC



The excellent aerodynamic properties of the measuring fan and the control flap (double or quadruple) of the AQC enable highly reliable ventilation control. In combination with a Stienen climate computer, the AQC can be used as a measuring and control unit in a central exhaust system, and as a measuring and damper unit under ventilation sockets. This unit enables the ventilation capacity to be controlled starting from 0.4 m/s. As standard, the AQC is supplied with a unique connector, guaranteeing trouble-free installation.

FarmConnect

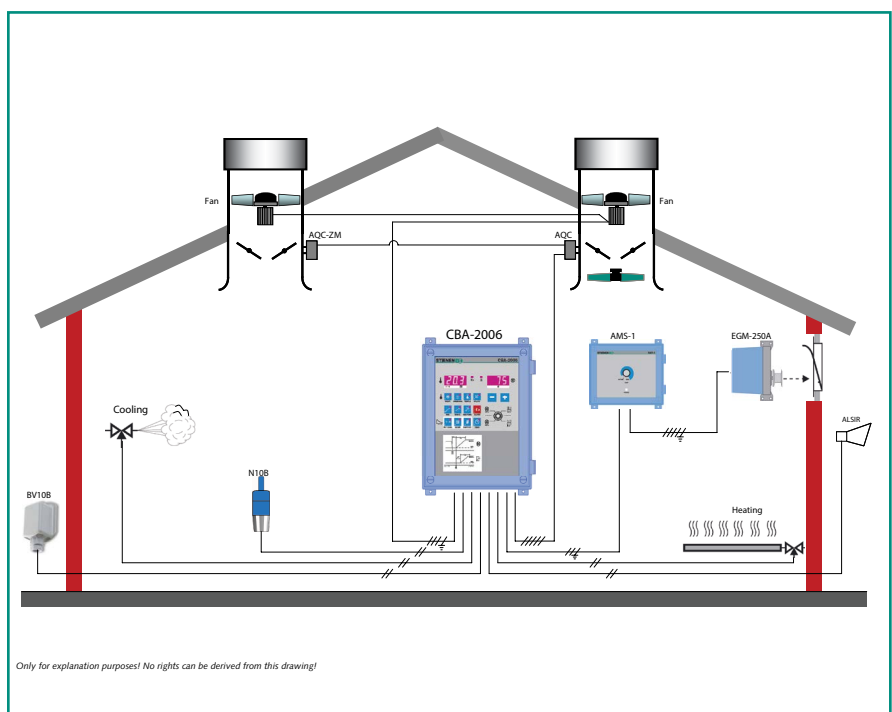


FarmConnect is Stienen BE's innovative Cloud Computing system. You can access your farm data from anywhere in the world by means of the IP-485 gateway. All management information from the process computers is stored in the cloud via the data centre. You can use an SSL-protected web browser to log on and all data, which may concern different locations, is centralised to give a comprehensive overview. FarmConnect keeps you 'connected' to your farm, wherever you may be.

CB-2600 main station

This main station centrally controls and monitors all the functions of a group of climate controls. The CB-2600 is only combined with climate controls of the CB series and can be used as part of a central exhaust system or an Ecovent system. You can see a diagram explaining this in the product leaflet for the CB-2000.

Note: A KL series controller can also be used to centrally control and monitor the functions of a group of CB(A) controllers.



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