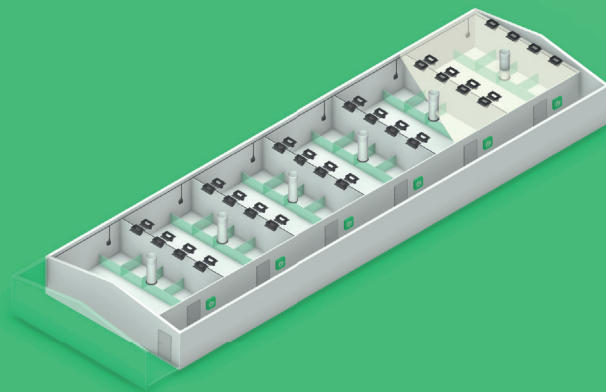


Ceiling Ventilation

- ✓ Optimised for warmer climate zones
- ✓ Efficient and controlled air exchange
- ✓ Minimises unintended heating of the supply air
- ✓ Optimization of operation via advanced control
- ✓ Alarm system with battery backup for emergency opening

Negative-pressure ventilation with ceiling inlets and chimney exhaust system.

CV can be adapted to different types of stables and ensures efficient air exchange. CV supplies fresh air via ceiling inlets. At low outside temperatures, the air is mixed before it reaches the pigs' resting area. The air is supplied to the attic via the eaves at low speed, which minimises unintended heating.



SYSTEM CAPACITY & AIR EXCHANGE

Max. airflow (summer):	40 - 60 m³/h per pig (From 7 to 30 Kg)
Min. airflow (winter):	2 - 4 m³/h per pig (piglets)

EXHAUST UNITS (FANS)

Type:	650/730/820/920 roof fans (high-efficiency IE3 AC-motors)
Diameter:	ID650/OD730, ID730/OD810, ID820/OD900, ID920/OD1000
Max. capacity:	12.400/16.000/20.000/25.000 m³/h
Motor efficiency:	0.75 kW to 1.1 kW per fan
Control:	Frequency control 3x230V (0-100% reg.) or ON/OFF 3x400V
Protection class:	IP 55

AIR INLETS (CEILING INLETS)

Type:	VE84-P/VE160-P-3/VE160-P-3D Ceiling inlets
Mounting dimensions:	555 mm x 260 mm/515 mm x 470 mm/515 mm x 1010 mm
Opening:	Automatically controlled from 0 to 300 mm (depending on actuator)

CONTROL AND AUTOMATIC REGULATION SYSTEM

Climate computer: RIKA Climate 108 with VE-BUS communication and Farmviewer*

Control options: Temperature °C (measured indoors/outdoors), Relative humidity RH*, CO₂ level*

Functions: Curve and age-controlled ventilation, Automatic summer/winter mode, Alarms in the event of a power failure or incorrect temperature, Alarm system with battery back-up for temperature-controlled emergency opening

OPERATING CONDITIONS

Measured static pressure:	-5 to -10 Pa
Relative humidity (RH):	60 - 70%
Temperature zone:	15 - 25°C (user-defined/depending on outside temperature)

* Optional extras

