

# SMART CLIMA

Control made easy

Smart Clima is a controller belonging to the new Facco Smart Farm line and is designed to manage the ventilation function in a poultry farm.

The functions provided by the Smart Farm line are the result of 60 years of experience acquired by Facco in the fields of ventilation and poultry farming, ongoing relations with Veterinarians and Breeders and most especially the practical experience acquired by working with our customers.

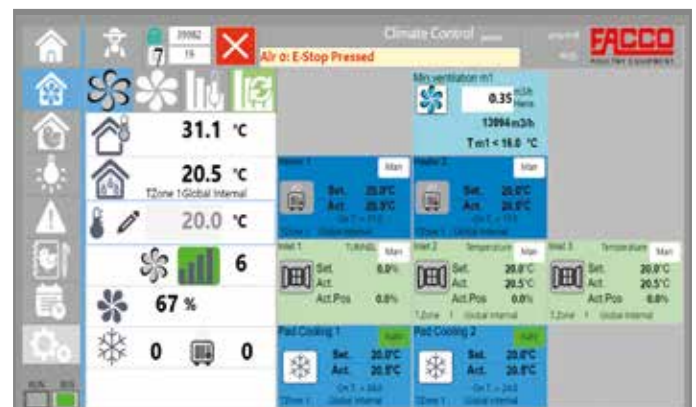
The Smart Farm line uses components and technologies from the industrial automation sector which, besides ensuring high-level security and reliability, also guarantee enhanced flexibility and scalability.

## Smart Clima

The Smart Clima controller can handle the cooling system, the heating system, a window and five fan units. Besides controlling the ventilation function, the new controller can also manage the feed trucks and the weighing system of a silo by means of load cells.

## Smart Clima Plus

Compared to Smart Clima, Smart Clima Plus is able to control up to 8 fan units, two Pad cooling systems, two windows and the lighting system.



## Graphic interface

Smart Clima has a 7" touch screen and a user-friendly interface with extensive use of icons and images to reduce learning time to the minimum.

The menus and windows make navigating through the different modules much easier and ensure that the most important farm data are always readily available.

## Management

As well as automatic control of the ventilation, Smart Clima also allows the feeding function to be automatically managed, thereby enabling the truck outgoing and return timetable to be planned. Smart Clima handles the lighting function in a similar way so that the lights can be turned on and off at different times of the day.



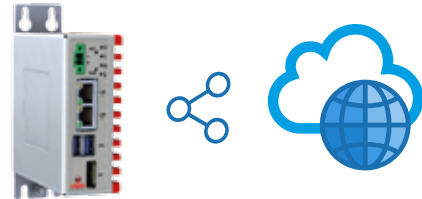
## Reliability

An advanced utility management and alarm alert system enables each action performed to be monitored and recorded.



## Remote access

Smart Clima is part of the Facco Smart Farm line and can thus be remotely reached and managed via a Smart Black Box which, besides linking the system to the web, also protects all the farm data and configurations.



Full Internet connectivity

	Smart Clima	Smart Clima Plus
<b>Smart Clima devices</b>		
7" Touch panel	✓	✓
24VDC power sup. with integrated UPS micro	✓	✓
Connection of Smart Farm devices	✓	✓
Ethernet communication	✓	✓
RS485 communication	✓	✓
USB connection	✓	✓
<b>Climate control module</b>	✓	✓
Ventilation steps	5	8
Windows	2	3
Zone heating per sector	1	2
Cooling	1	2
Temperature probes	4	4
Internal humidity probe	✓	✓
Pressurized window monitoring	✓	✓

	Smart Clima	Smart Clima Plus
<b>Feed module</b>	✓	✓
Number of truck units	1	1
<b>Waterer module</b>	✓	✓
General liter counter	1	1
<b>Lighting module</b>	x	1
Lighting schedule	x	1
Lighting lines	x	2
Dimmer output	x	1
<b>Silo weighing module</b>	✓	✓
Weighing by scales	x	1
Optional weighing by load cells	✓	✓
<b>Alarm module</b>	✓	✓
Watchdog	✓	✓
Smart alarm	✓	✓
Blackout alarm	x	✓
External alarm	x	✓

**Your Smart Farm Made in Facco**

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DS.EL.SV.Rev2.20.EN

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