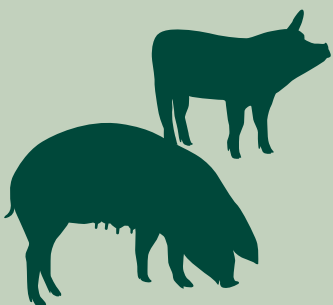




LUMINA 16 TOUCH

THE NEXT GENERATION

- Exceptionally versatile PNT ventilation control
- Energy saving controls for ventilation, heating and cooling
- Intelligent light control
- Continuous water monitoring
- EasyFeed™ Feed Control function
- Simple touch-screen operation with swipe and zoom functions



LUMINA 16 TOUCH

A properly controlled climate improves your pigs' performance and saves on energy costs for ventilation, heating and lighting. Whether you use power, natural or tunnel ventilation, Fancom's new LUMINA 16 TOUCH Control makes controlling a cost-efficient climate easier. But there is more. This control allows you to make smooth, gradual changes in the barn's climate. Tracking and regulating feed, water and lighting are standard features. Extensive data collection and alarm functions for added security complete the LUMINA control system.



Exceptionally versatile PNT ventilation control

- Extensive control of the barn's PNT (Power, Natural and Tunnel) ventilation functions offers farmers the ability to do smooth, gradual transitions from minimum to maximum ventilation.
- Program up to 8 ventilation zones for an even, uniform climate throughout the entire barn.
- Control can automatically rotate the regular use of facility fans to protect and prolong the life of individual fans.
- The LUMINA 16 TOUCH compensates for the humidity in the house and outside weather conditions as well as seasonal climate influences.
- Ventilation is based on pig weight and the number of pigs in the room or zone.
- During cold weather, natural ventilation can be easily disabled.
- Inlets can be controlled using negative static pressure.

Energy saving ventilation, heating and cooling control

- The built-in Optisec™ Intelligent Ventilation feature automatically provides the optimal settings for heating and ventilation. This helps



to minimize heating costs irrespective of the outside conditions and independent of the age of the pigs.

- The system automatically adjusts the minimum ventilation rate in case the carbon dioxide or ammonia levels rise too high.
- Evaporative cooling pad function can modulate water on and off to optimize cooling operation.
- Able to link to Fancom's weather station to better coordinate barn climate changes in response to outdoor weather changes.

Intelligent light control

- Dim and dusk functions automatically simulate the ideal day and night time conditions.
- Manually dimmable lighting control.

Continuous water monitoring

- A special water monitoring program enables the consumption in the entire barn to be tracked hourly.
- Provides continuous monitoring of water consumption and prompts early warning alerts for abnormalities.
- Built-in alarm features check on flow and leaks.



EasyFeed™ feed control

- Accurate feeding and feed data collection.
- Built-in alarm features oversee maximum running time and watch for feed bridging in the delivery system.
- Extensive data collection for feed inventories and consumption.

Simple touch screen operation with swipe and zoom functions

- Intuitive color touch-screen offers buttonless operation with swipe and zoom navigation.
- Oversee, adjust and retrieve data from a variety of FANCOM® Controls – from on the farm or remotely – using a computer or mobile device.

Operating overview

	L16
Combi-control set points	16
Air inlet zones	8
Tunnel inlet control	1
Heating control	6
Cooling control	2
Temperature sensors	8
Relative humidity sensor	1
Negative pressure sensor	1
Carbon dioxide sensor	1
Ammonia sensor	1
Water clock with data collection	1
Feed clock with data collection	1
Feed and water curve	1
Light clocks	8
Extra time clocks	8
Registration groups	32
Optisec™ control	✓
EasyFeed™ feed control	✓
Link to weather station	✓
Link to PC via F-Net	✓