ACS6 - flexible controller for poultry houses

The new ACS6 climate and production controller is the sixth generation of high end climate and production controllers for the poultry industry from DACS. Thirty years of experience and know-how from the industry, together with the latest trends, make the ACS6 a powerful package for climate control in poultry houses and enable farmers to optimize even more on the in-house climate and production.

Cutting heat consumption by 30 %

Full scale tests conducted at a Danish poultry producer show that the ACS6 enable farmers to cut heat consumption in a standard poultry house by 30 %. A new software solution automatically reduces the dehumidification process depending on the outdoor conditions and thereby reduces the need for heating.

The dehumidification potential is calculated on basis of measurements of temperature and humidity on both the outdoor and the indoor air. Through this the ACS6 controller prevents unnecessary usage of heat in the dehumidification process and eliminates the risk of excessive ventilation.

Traceability

The ACS6 keeps track of all parameters and users for an indefinite period of time. This huge collection of data gives full overview and traceability of the production.

Tailor-made screen menu

The ACS6 comes with an 8" or a 15"touch screen and a very intuitive interface.
The screen menu can be defined specifically to the needs of each person allowed access,
so unskilled persons will never be able to enter menus where critical parameters can be adjusted.
An important feature for large scale poultry operations, since each and every employee only has
access to parameters concerning their function in the poultry production.

Any type of ventilation

The ACS6 is extremely powerful and designed to run any type of ventilation system for poultry
production. Via the ACSnet management system, any ACS6 climate and production controller can be
accessed via Internet, but only with password protection. When you are online, all parameters can be
adjusted according to your rights.

Online support

With the ACS6 DACS offers technical support online e.g. with the opportunity of finding faults in the
technical installations.

TECHNICAL SPECIFICATIONS

Connections	Software	Hardware	External	Description
Sensors	32	10	0	Four temperature and two humidity sensors, outside temperature and humidity, static pressure, egg store, extra room, etc.
Analogue Outputs	32	8	0	Dampers for inlets and exhaust ventilators, wall vents, speed control, analogue heating, light dimming
Digital Outputs	256	28	288	Heating, drying, ventilation stages, four silos, two feeding systems, timers, five light groups
Digital Inputs	256	16	224	Two feed scales, water meter, alarm for every fuse, energy consumption, egg counters etc.
Communication	4	4	1	Touch8/local network ACSnet-server, FlexAirBus, PLC etc.
Languages				Numerous - UNICODE/can use all alphabets
Archives	6			All events, alarm daily reports