



House	Heat consumption/bird
1	7 euro cent
2	6,5
3	4,5
4	6,5
5 (DACS)	1,5

www.dacs.dk

## Convincing in all aspects

Erwin Nijssen from Grashoek in The Netherlands has been a poultry farmer all his life. Virtually, he has been working with poultry ever since he started walking. Truly a very skilled poultry farmer who knows the industry from inside out.

### Expanding business

The in-depth knowledge has made him capable of expanding his business in a highly competitive market. Today, Erwin Nijssen has five houses. "All five houses lie side by side so in principle the production figures should be identical when looking at a two year production cycle. "But they are not" says Erwin Nijssen.

### Significantly different data

Erwin is puzzled about the performance in his newly built poultry shed where he installed a DACS ventilation system. "The DACS system is quite different in functionality from the other systems, and I am convinced this is the reason why I see significantly different data from this house. Feeding and watering systems are identical in all five houses, so what other than the ventilation system could it be!"

### Lower heating cost

The first four houses are very similar when looking at the production figures. In the DACS house the FCR has always been better. Not just the first 2-3 crops, but every single crop since Erwin Nijssen started production in this shed 2½ years ago. The weight in the DACS shed is always significantly higher (+100 gram at day 41), and this shed has delivered the best production figures ever. "In addition to this, the heating costs are much lower in the DACS house than in the other four houses" says Erwin Nijssen. To support the statement Erwin Nijssen shows data from a winter crop in 2011. These data show the heating costs for each of the five houses. Naturally, the difference in the summer is less, but still there are significant savings on heating to be made throughout the year.

### Dry litter

The savings in heating has to do with the functionality of the ventilation system from DACS. "The law of physics still rules and since warm air is lighter than cold air, the warmest air accumulates under the roof". This warm air is what the DACS system brings down to the birds. To this the constant movement of air in the bird zone keeps the litter dry and brings oxygen enriched air to the birds. "I am convinced that the functionality of the system is what makes the better overall performance in this particular house. No doubt about that".

### Manure quality

Erwin Nijssen sells the manure from the houses as bio-fuel. He always gets a better price per ton litter from the DACS shed, because the manure here is dryer. The dryer litter clearly indicates the positive effect the DACS ventilation system brings to the house. "The easiest money I make compared to my colleagues is the savings per crop. In the DACS house the savings are significant and the production figures in top. What more can one ask for!"