

The image shows two men, Jack and Mark Renders, standing in a large, modern broiler house. The house is filled with rows of yellow broiler chickens on the floor. The ceiling is high with various ventilation and lighting fixtures. The men are dressed in casual t-shirts. The overall atmosphere is clean and well-lit.

*"The heating costs are 70% lower in our new shed"*

**The brothers Jack and Mark Renders in Son & Breugel in The Netherlands produce 185,000 regular broilers in five houses. They chose DACS ventilation and controls for their new house, commissioned in September 2019.**

### **Easier to operate**

"The constant breeze of preheated air over the chicks from day one is a major advantage of the DACS ventilation system compared to our houses with negative pressure ventilation systems. The new system is just so much easier to operate so we always have a dry and well-ventilated house – no matter the season. One would think we would be adding more heat to get the improved climate in the new stable but we actually save 70% on the heating cost compared to our other houses," Mark says.

### **Blow of preheated air**

"We know all too well that increased CO<sub>2</sub> levels reduce the animal's growth potential. But with the DACS system, thanks to the Corona inlet fans, the constant flow of temperate air in the bird zone lifts the CO<sub>2</sub> off the floor and out of the house via the roof mounted exhausts. This contributes to a much better air quality in our new house and we can see that the birds pay back on this," Jack explains.

### **Improved technical performance**

"We clearly improved the technical performance in our new house. The slaughter quality is better and where the other houses have 1% rejection the new house it is 0.5 to 0.3%. The growth is slightly better and the feed conversion a few points lower in the DACS house. This does not seem like much, but everything adds up and we earn more money from the new house," says Mark.

### **Faster and better**

"On a previous flock our farm was infected with IB. In the DACS house the chicks simply recovered faster and did better than in the other houses and that can only be related to the stronger birds that the much better climate in our DACS house brings about," Jack adds.