



# SKOV International

**PIG EDITION**

August 2008

## Elegant underfloor exhaustion solution saves space in the pens

*By journalist Helge Lynggaard, Pressebureauet Århus*

**A new corrosion-resistant underfloor exhaust pipe that forms part of the equipment has been developed in collaboration between Gråkjær and SKOV**

A newly developed corrosion-resistant pipe for underfloor exhaustion can be installed as part of the equipment between two pens. Not only does it save space in the house, it also increases the efficiency of the underfloor exhaustion.

These are some of the benefits of the new corrosion-resistant pipe that replaces the box previously fitted to protect the pipe on the exhaustion system.

– By using the corrosion-resistant pipe, the outlet can be moved approx. 1.5 m away from the wall. This reduces the risk of pigs fouling the corner of the pen.

The exhaustion system is also disengaged from heating hoses in the floor and there is room for covered areas without any special adjustments being needed, says Ivan Skovsted, key account manager at SKOV.

The corrosion-resistant pipe is attached to the equipment, and joint filler is applied down towards the floor to make everything completely tight.

– Underfloor exhaustion has also been improved by the sloped edges of the lower part of the floor elements being shaped like



*Anders Kappel and Ivan Skovsted, SKOV, at the new exhaust outlet.*

a bell mouth. This minimises the pressure loss at the transition from air duct to outlet, ensuring improved performance at lower energy consumption levels.



## Improved house climate

According to Ivan Skovsted, the number of new houses with underfloor exhaustion is increasing as it improves the house climate for both animals and people.

– Underfloor exhaustion can also be combined with a biological air cleaning system that directs the air to a cleaner before it is removed from the house. An underfloor exhaustion system also has the advantage that it can be combined with a partial air cleaning system so that fewer cubic metres need to be cleaned to achieve a high cleaning effect.

The new underfloor exhaustion outlet has been developed in collaboration with Gråkjær A/S.



*The old equipment box, which was located completely up against the wall.*



*The photo shows how room has been made available for covered areas without special adjustments.*

