

Farm AirClean Cleaning Units remove the Odour

The module-based cleaning units facilitate the installation of biological air cleaning in the livestock house

It must be easy for a pig producer to install biological air cleaning. This is the idea behind the new module-based cleaning unit, which SKOV presents as an approved novelty on Agromek 2006.

The cleaning unit includes biofilters and water, which remove odour, ammonia and dust from the house air. It is a fully assembled, prefabricated unit, to which only connection of power, water and drain must be made and it must also be connected to the ventilation system. Each unit has its own water tank.

The cleaning unit for Farm AirClean biological air cleaning consists of at least three modules, of this two different end modules and a central module, which can be extended as required.

Each unit can clean the air from what is corresponding to approx. 300 finishers.

For all livestock house solutions

- Regardless of the livestock house solution, the Farm AirClean cleaning unit can always be used. It can be placed in a separate house next to the livestock house, in the attic or in the actual livestock house, says Lise Bonne Guldborg, SKOV A/S.

If the units must be installed in the attic, the assembly can take place on site thus large parts of roof sheets must not be removed during installation.

The module-based solution is besides so flexible that it can be adapted to the ventilation, which is used whether there is wall or floor exhaust or there is a central channel, in which the air from the entire house is gathered.

Over the last two to three years SKOV has supplied a number of systems for biological air cleaning, which is the only principle known to remove both odour and ammonia. If it is a demand that the odour is reduced, the biological air cleaning is the only alternative available.

- With the module-based solution the establishment costs for biological air cleaning are reduced essentially, thus it is cheaper for the pig producer to clean the air for odour, says Lise Bonne Guldborg.

Automatic cleaning

- At the same time the units include cleaning so that both filters in the system are

cleaned automatically. Thus the daily maintenance is reduced essentially and time for manual cleaning is almost not required any more, Lise Bonne Guldborg continues.

The cleaning unit, which consists of a plastic material at the bottom and of sandwich plates in the sides, is 2.2 m wide. Each module is 1.8 m long and with three modules the cleaning unit is 5.4 m and can be extended as required.

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Foto text:

Farm AirClean cleaning unit can be delivered fully assembled and contains biofilters and water, which removes odour, ammonia and dust from the livestock house.

