



DOL 278 Emergency Opening

ON/OFF or temperature controlled



An investment in safety

In modern production with high stocking density, an alarm call is seldom sufficient when it concerns ventilation malfunction.

In short, many animals can live for three weeks without food, for three days without water, but ONLY three minutes without air. Therefore, failing ventilation is by far the most critical factor, and it requires immediate action.



SKOV supply two kinds of emergency opening - ON/OFF and temperature controlled.

DOL 278 emergency opening – ON/OFF

Together with the SKOV climate computer, the DOL 278 forms an emergency opening, which opens the ventilation system completely in case of power failure or failing technique.

The emergency opening itself is integrated in the climate computer, only the energy for opening the ventilation system is taken from the DOL 278.

In case of power failure, the connected air inlets and outlets are opened by force, and the emergency opening opens fully.

DOL 278 emergency opening – temperature controlled

The DOL 278 is supplied in a one-house and a two-house version.

Together with the SKOV climate computer, the DOL 278 forms an independent emergency opening system, which opens the ventilation system depending on the excess temperature in case of power failure, failing technique or misoperation.

The emergency opening is in the DOL 278,

and is activated when the house temperature exceeds the set temperature in the DOL 278.

The emergency opening is temperature controlled, which means that it does not open 100 % at once, but that the opening is made gradually depending on the excess temperature.

In practice this means that if, for instance, the emergency opening is activated when there are day-old chickens in the house, they will not be exposed to a cold shock due to a fully open emergency opening - the emergency opening will just open adequately.

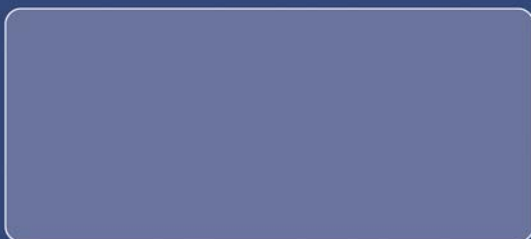
The setting of the temperature for emergency opening is made by means of one single adjustment knob so that the producer will never have doubts about the temperature setting, and he can always determine the set temperature for emergency opening at a glance.

The DOL 278 is equipped with a separate temperature sensor so that it is not dependent on the measuring of the climate computer.

DOL 278 is also equipped with outside temperature sensor and the emergency opening can compensate for high outside temperature. I.e. the outside temperature sensor overrides/suspends the emergency opening if it is warm outside.

The DOL 278 functions independently of the climate computer but is monitored by it. This independence offers double security in most cases of failure.

DOL 278 indicates the status of the emergency opening, temperature sensors and battery by means of light-emitting diodes on the front panel. Therefore, it is easy to survey the status of the emergency opening.



SKOV supply climate and production management systems for animal production the world over. Our solutions are technologically advanced, user friendly and individually adapted to meet the needs of our customers.



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