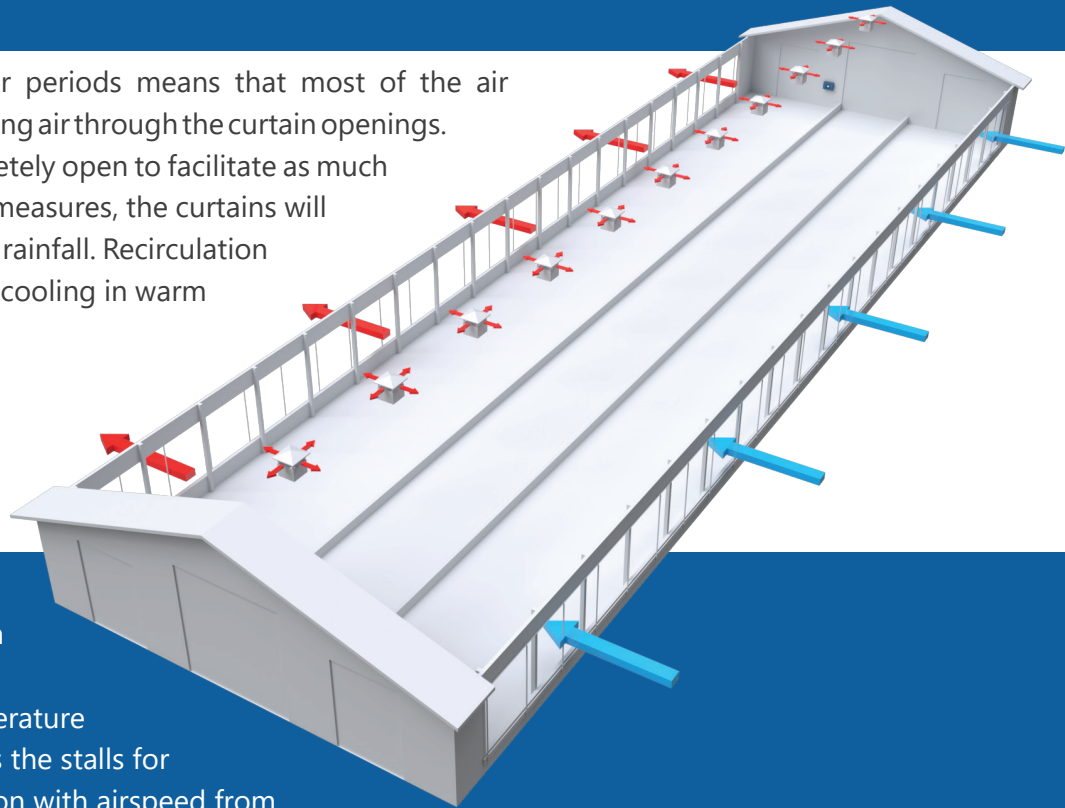


# NATURAL VENTILATION

This system is suitable in most regions with mild summers and cold winters. Air exchange in the barn occurs by the natural ventilation principle. The natural ventilation system is most suited for medium-sized to small-sized barns due to the physical restrictions of the ventilation principle.

## System - summer

Lack of "chimney" effect in warmer periods means that most of the air exchange is created by the wind pushing air through the curtain openings. Curtains and chimneys will be completely open to facilitate as much air exchange as possible. For safety measures, the curtains will close in the case of strong winds and rainfall. Recirculation fans can be added to the system for cooling in warm periods.



- ➔ A high-pressure cooling system can be added for additional cooling. This reduces the temperature of the air that is directed across the stalls for increased cooling in combination with airspeed from the recirculation fans.



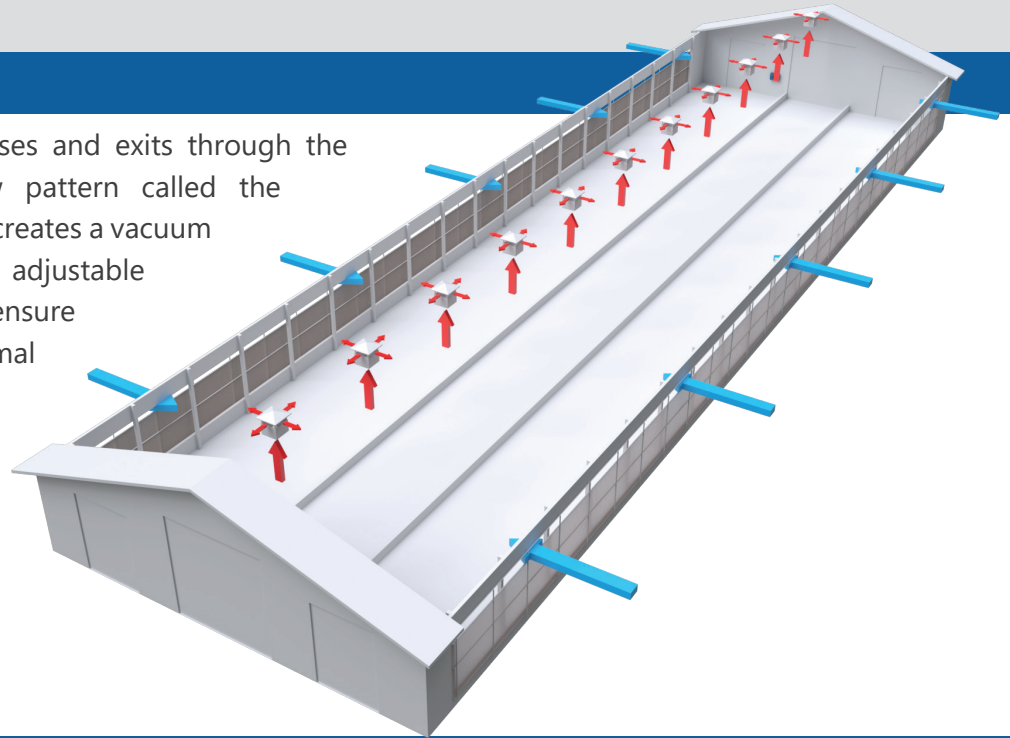
[seccointernational.com](http://seccointernational.com)



# NATURAL VENTILATION

## System - winter

Warm air generated by the cows rises and exits through the adjustable chimneys in an airflow pattern called the "chimney" effect. The warm rising air creates a vacuum that lets in fresh, colder air from the adjustable side curtains. Adjustable chimneys ensure the correct air exchange for optimal inside climate conditions.



## Secco's Natural ventilation system ensures:

- Low initial costs
- Low running cost
- Low noise level
- Removal of excess heat and harmful gases
- Efficient and easy climate control
- Healthy and productive cows



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