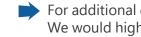
TUNNEL VENTILATION

The system is most suitable in regions with warm summers and mild temperature winters. Tunnel ventilation is a negative pressure system suited for all types of livestock production.

System

Tunnel ventilation is the best system to cool the cows using air velocity to maintain their productivity. We recommend this system where the barn's design is headed towards a longitudinal design. Some contributing factors to use this system include the size of the herds and cows traffic strategy. Fresh air is taken in through a tunnel opening at one end of the building, and the air is led out at the other end of the building. To achieve a higher airspeed in the barn without adding more ventilation capacity a baffle system can be installed. Baffles installed crosswise in the barn increase the average airspeed in the entire barn.



For additional cooling in extremely warm regions, a dedicated cooling system can be added to the system. We would highly recommend adding pad cooling or high-pressure cooling to the system that reduces the incoming air temperature for better cooling, in combination with airspeed.

Secco's Tunnel ventilation system ensures:

- · Low initial costs
- Energy-efficient running cost
- Cooling through air velocity
- Removal of excess heat and harmful gases
- · Efficient and easy climate control
- Healthy and productive cows



Secco International Inc. 4040, blvd Casavant West St-Hyacinthe [Quebec] Canada · J2S 8E3 Phone: 450 771.0777 · 877 711.0777 Fax: 450 771.5779 secco@seccointernational.com www.linkedin.com/company/secco-international-inc Distributed by: