



## Smarter Cooling for Happier, More Productive Cows

Innovative, sensor-driven cooling designed to reduce heat stress and integrate seamlessly into your barn. Experience the Future of Cow Cooling at the Canadian Dairy XPO, April 2 -3 Booth 48E, Hall1

Introducing our latest innovation in cow cooling: a smart, sensor-driven spray system designed to keep your herd comfortable, healthy, and performing at its best. This automated system activates only when cows feed, reducing heat stress while minimizing water and energy waste—a win for both your cows and your bottom line. **Be among the first to see it at the Canadian Dairy XPO.**

## Spring Prep For Your Power Ventilation System



**By Rick McBay**  
*Natural Ventilation Specialist*

**Prepare your ventilation system for warmer weather by inspecting and maintaining fans and fresh air intakes, as well as adjusting the controller settings for warm-weather operation.**

A power ventilation system is an essential part of maintaining a healthy and productive environment for your livestock. It consists of three critical components: exhaust fans, fresh air intakes and the control system. Each of these elements plays a vital role in regulating the airflow and temperature inside your barn or facility.

As spring approaches, and before the system is required to operate at full capacity, it is a best practice to thoroughly inspect all equipment to ensure it is functioning at peak efficiency. This proactive approach can prevent expensive repairs, extend the life of your system and ensure your livestock remain comfortable during the warmer months.

Damaged exhaust fan blades can cause imbalances, leading to vibration that may harm the motor and potentially result in breakage, creating a hazardous situation and possibly damaging the fan housing. Similarly, if the louvers on your fans are dirty or not moving freely, they can restrict airflow out of the barn. This not only reduces air exchange but also limits airflow over the motor, causing it to overheat and potentially burn out.

On the intake side, ensure that the designed airflow capacity of your system is still being met. Any restrictions can increase static pressure



Article appeared in March 2025 issue of Progressive Dairy Canada

in the room, reducing system efficiency and causing higher intake air velocity, which disrupts the air pattern. If your system includes automatic inlet adjustments, these need to operate freely to allow the control system to position the inlets correctly for optimal temperature regulation in the barn.

The controller serves as the brain of your power ventilation system, making adjustments based on programmed instructions. Most systems use “result-oriented programming,” meaning you input the desired outcome – such as room temperature – and the controller regulates intake and exhaust to achieve it. This process considers factors like the heat generated by your animals and the temperature of incoming air. Some systems also include an outdoor temperature sensor, enabling the controller to adjust its response based on seasonal conditions. In hot weather, the controller may also manage additional equipment, such as circulating fans or heat-stress reduction systems, ensuring they operate at the appropriate temperatures.

[READ FULL ARTICLE](#)

# Organizational Announcements



We're pleased to share that **Ruth Robertshaw** has expanded her role at Canarm AgSystems and is now the **Ontario Dairy/Ag Retail Territory Manager**. Ruth has been a valued member of our team for nine years, bringing dedication, industry knowledge, and a commitment to customer service that has made a real impact. Her expertise and passion for helping producers find the right solutions make her a trusted partner in the field.

As Ruth steps into this role, we also extend our best wishes to Bill Krul, who is retiring at the end of the month. Bill's contributions to Ontario's dairy industry have been significant, and we thank him for his years of service.

Please join us in congratulating Ruth and wishing Bill all the best in retirement!

## Exciting News from Canarm AgSystems!

### Precision Meets Efficiency: Canarm's Arthur Facility Welcomes New Tube Laser Machine

We're leveling up our manufacturing capabilities with the addition of a brand-new tube laser! This advanced equipment enhances our precision, efficiency, and ability to deliver high-quality products to our customers.

From streamlined production to expanded design possibilities, this investment reflects our commitment to innovation and continuous improvement.

A huge thank you to our team for making it happen!



## Recent Installs



### Providing Sows with Comfort & Choice at TJ De Groot Pork in Kingcardine with our New Design

Easy Choice Stalls give gestating sows the freedom of self entry to eat, drink and rest safely-reducing aggression and stress in a group setting. New back design to allow easier access for breeding. Strong, durable, and built to last!