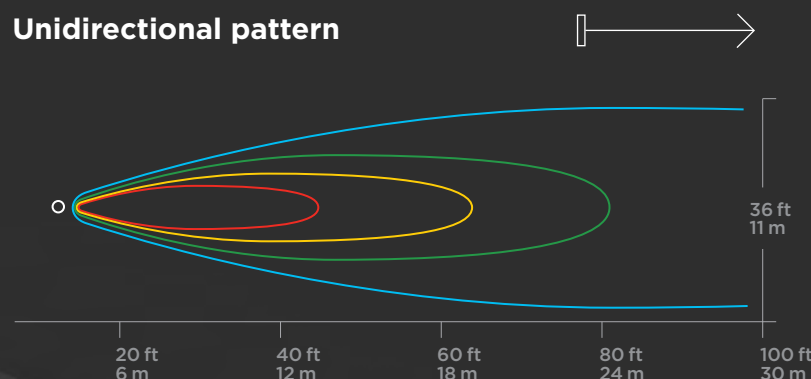


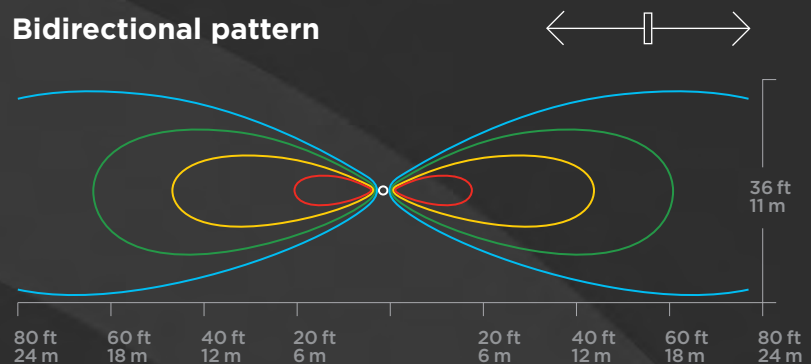
Cyclone Plus

Airflow Diagram

Unidirectional pattern



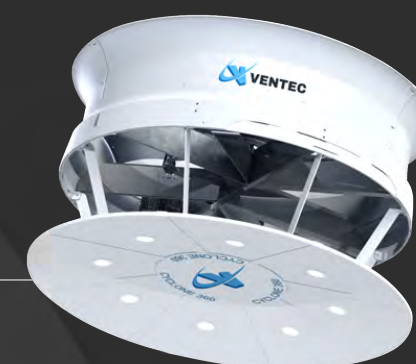
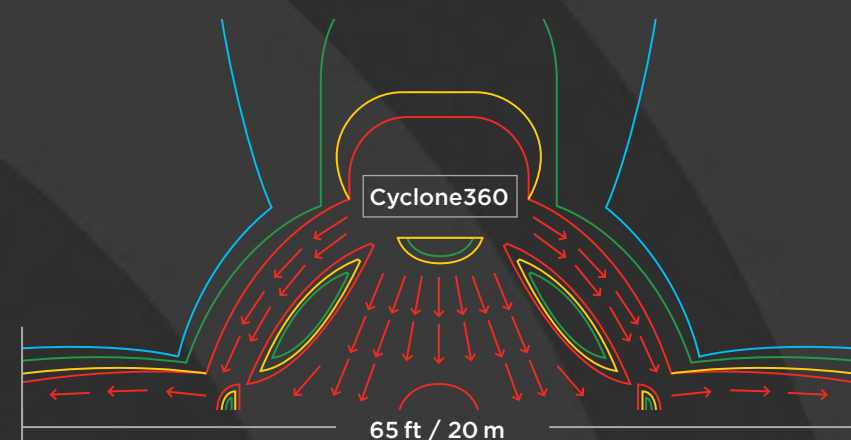
Bidirectional pattern



750 ft/min.
8.5 MPH
(3.8 m/sec.)
600 ft/min.
6.8 MPH
(3.0 m/sec.)
450 ft/min.
5.1 MPH
(2.3 m/sec.)
300 ft/min.
3.4 MPH
(1.5 m/sec.)

Cyclone 360

Airflow Diagram



300 ft/min.
3.4 MPH
1.5 m/sec.
200 ft/min.
2.3 MPH
1 m/sec.
100 ft/min.
1.14 MPH
0.5 m/sec.

What exactly is heat stress?

Heat stress can quickly become a nightmare for you and your cattle. Not only is it distressing for your animals, it directly affects milk production, maternity rate and the overall health of your animals. With the lowest lung capacity per body weight among livestock, cows are unable to take in enough air to lower body heat. The best option - evaporative cooling, either by water or rapid air.

To meet the challenge, we developed our own “super star” cooling Cyclone® fans. The entire range lives up to their reputation by offering consistent wind speed with misting options, ensuring your herd stay productive and healthy.

If you're concerned about heat stress, a ventilation plan is the best way to protect your herd. Contact your Ventec dealer to get your optimal solution!



T.: 450 383-4000
F.: 450 383-4004
info@ventec.ca

4000, Pinard Avenue
Saint-Hyacinthe, Québec J2S 8K4

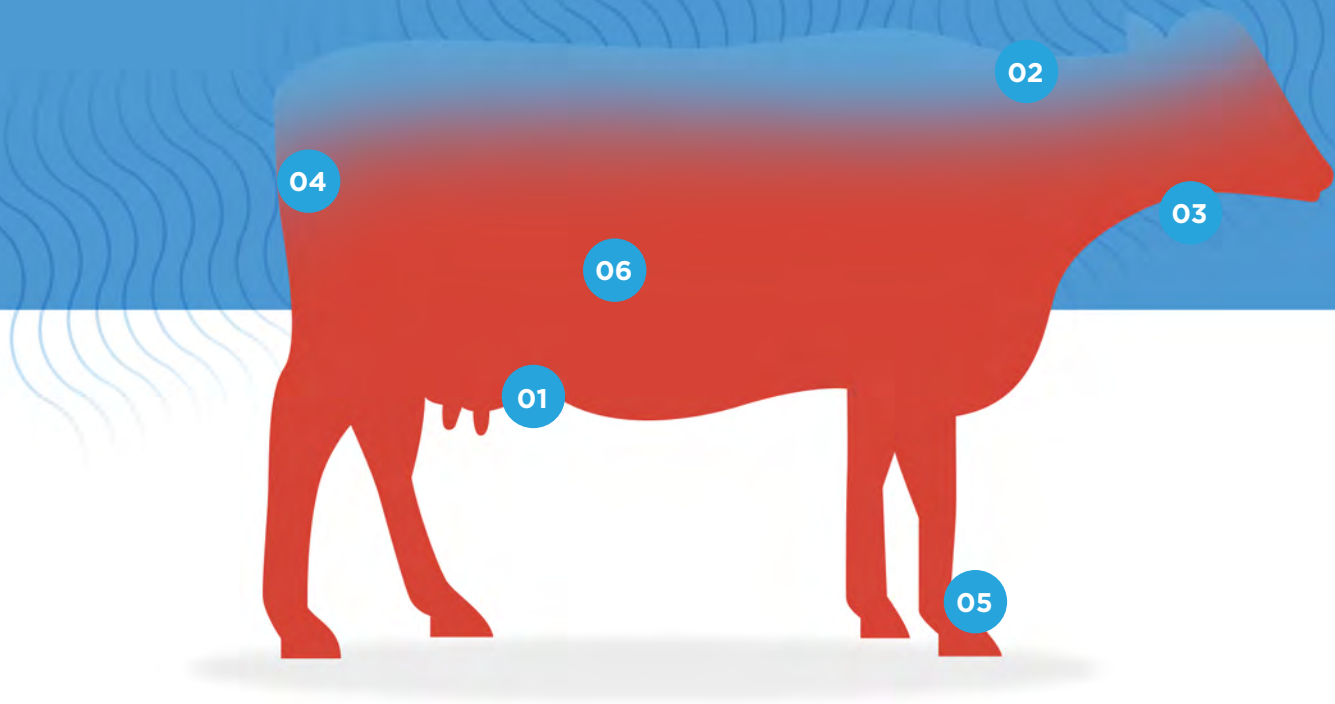
Cyclone 360 Cyclone Plus

HEAT STRESS MANAGEMENT



www.ventec.ca





- 01 Increases production AND fat content in milk
- 02 Ventilation allows for convection cooling
- 03 Promotes comfort for better rumination and higher milk yields
- 04 Promotes reproduction
- 05 Reduces the risk of diseases (lameness, dermatitis)
- 06 Balances PH levels

Technical specifications

Motor type	Induction motor		
Propeller	72" (1.83 m) / 6 aluminium blades		
Power	3.0 HP / 2.2 kW		
Phases	1	3	
Voltage (V)	230	230	460
Current (A) ¹	13.2	8	4.3
Speed control	Single	Variable	
Rotation speed (RPM)	304	60 @ 304	
Fan frame	Corrosion-resistant galvanized steel frame		
Weight	450 lbs (205 kg)		
Air flow	44 562 CFM (75 711 m³/h)		
Electrical efficiency	24.2 CFM/W (41.1 (m³/h) /W)		
Overall efficiency	39.8		
Test facility	Independent laboratory		

1) Intensity indicated is nominal and may vary depending on motor manufacturer.

Benefits



Dairy farmers benefits

	Cyclone Plus	Cyclone 360
Higher maternity rates	✓	✓
Save energy costs	✓	✓
Reduce income losses due to thermal stress (loss of milk production and milk fat)	✓	✓
Avoid dead zones	✓	✓
Less maintenance VS smaller fans	✓	✓
Flexible dual configurations for diffusers	✓	
Best wind speed	✓	
Avoids cow bunching under fans	✓	✓
360 degrees coverage		✓
Fewer fans required	✓	✓

Key Elements



Single speed
or variable



6 balanced, heavy
duty, aluminum blades,
corrosion resistant



Extremely
quiet



Automatic
belt tensioner



Low energy
consumption



Windspeed



Compatible with
misting systems