

FlipFan® Dairy Cooling System

Designed to provide the best day and night cow cooling possible. Rugged and durable. Easy to install and maintain.

- **Steerable (180° rotation), long throw, misting fans for day and night cooling**
- **Customizable automatic controls**
- **Reliable and easy to install and maintain**
- **High return on investment**

Schaefer's patented FlipFan® dairy cooling system combines advanced 36" high velocity fans and misting systems with a horizontal rotational mounting structure that allows the fans to "flip" 180° to point outside the shade for nighttime cooling.

FlipFan produces an average velocity of 7-10 mph across the shade and 0.4 gal/min. of evaporative cooling per fan.

With control options ranging from simple manual controls to iPad® and iPod® driven PLCs that adjust your system for time, temperature, humidity, wind speed, milking and feed schedules, FlipFan delivers the ultimate dairy cooling solution for a range of budgets.

"Keep the cooling on the cows!"™

36" High Velocity Fan

1/2 Hp 3-Phase Motor

Frequency: 60 Hz

Volts: 230/460

Amps: 2.4/1.2

RPM: 825

CFM: 15,352

Air Speed at:

0 feet - 1593 ft/min. 18.1 mph

25 feet - 926 ft/min. 10.5 mph

50 feet - 409 ft/min. 4.6 mph

3/4 Hp 3-Phase Motor

Frequency: 50//60 Hz

Volts: 230/460//190/380

Amps: 3.3/1.7//3.8/1.9

RPM: 830//660

CFM: 18,280//16,964

Air Speed (60 Hz) at:

0 feet - 1910 ft/min. 21.7 mph

25 feet - 1168 ft/min. 13.3 mph

50 feet - 716 ft/min. 8.1 mph



To watch
FlipFan video



1.800.779.3267
www.schaeferfan.com

Designed to provide the best cow cooling possible, day and night!

- Day and night cooling for increased milk production and increased conception rates
- Adjusts for wind speed and direction
"Keep the cooling on your cows."[™]
- Adjusts mist output for temperature and humidity
- Better bed drying with angle fans on beds while milking or when not needed at night
- Quiet operation
- Rugged and reliable

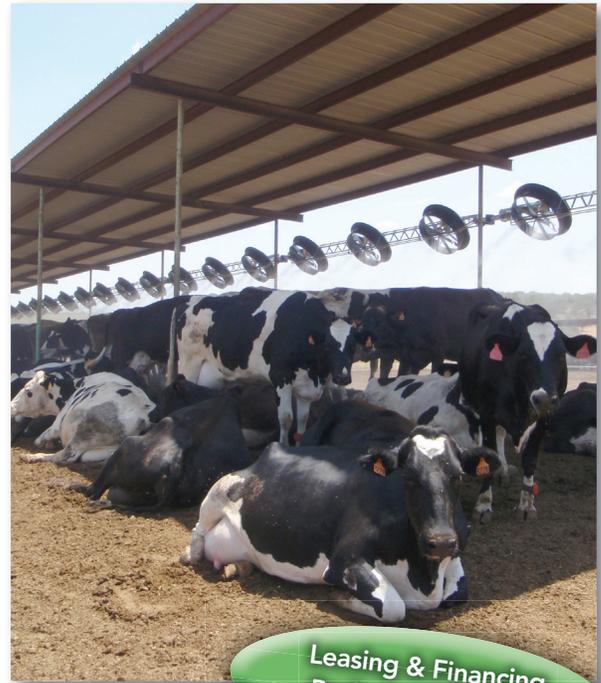
The Need For Night Cooling

Throughout the day your cows' internal temperatures rise. Daytime cooling is crucial to controlling this temperature rise, but it will not eliminate it. Even with daytime cooling your cows' temperatures, heat stress rises until they reach their peak after the evening digestion.

At night, after the sun goes down, your cows leave the shade and loaf in the pen until morning. This is the most critical time for your cows to recover from the heat stress accumulated during the day. If nighttime temperatures are not sufficiently low, your cows will not fully recover before the next day's heat cycle begins. If they do not recover during the evening, heat stress accumulates until milk production and conception rates decline dramatically.

Fans cooling inside the shade at night do not help your cows recover from heat stress if they are in the loafing pen and not under the fans. At night, the FlipFan dairy cooling system repositions the fans into the loafing pen where the cows spend the night. With the nighttime cooling of the FlipFan, your cows can fully recover before the next day's heat stress accumulation begins. **This means healthier cows, more milk and higher conception rates.**

FlipFan dairy cooling system offers daytime cooling and nighttime recovery with the same fans.



Leasing & Financing Packages Available

Recommended Fans per Truss by Length of Truss

Truss Length (Feet)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Fans/Truss		1	1	1	1										
					2	2	2	2	2	2					
Recommended # of fans								3	3	3	3	3	3	3	3
Minimum # of fans/truss (for modest heat applications)											4	4	4	4	4
Maximum # of fans/truss (for extreme heat applications)															5





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