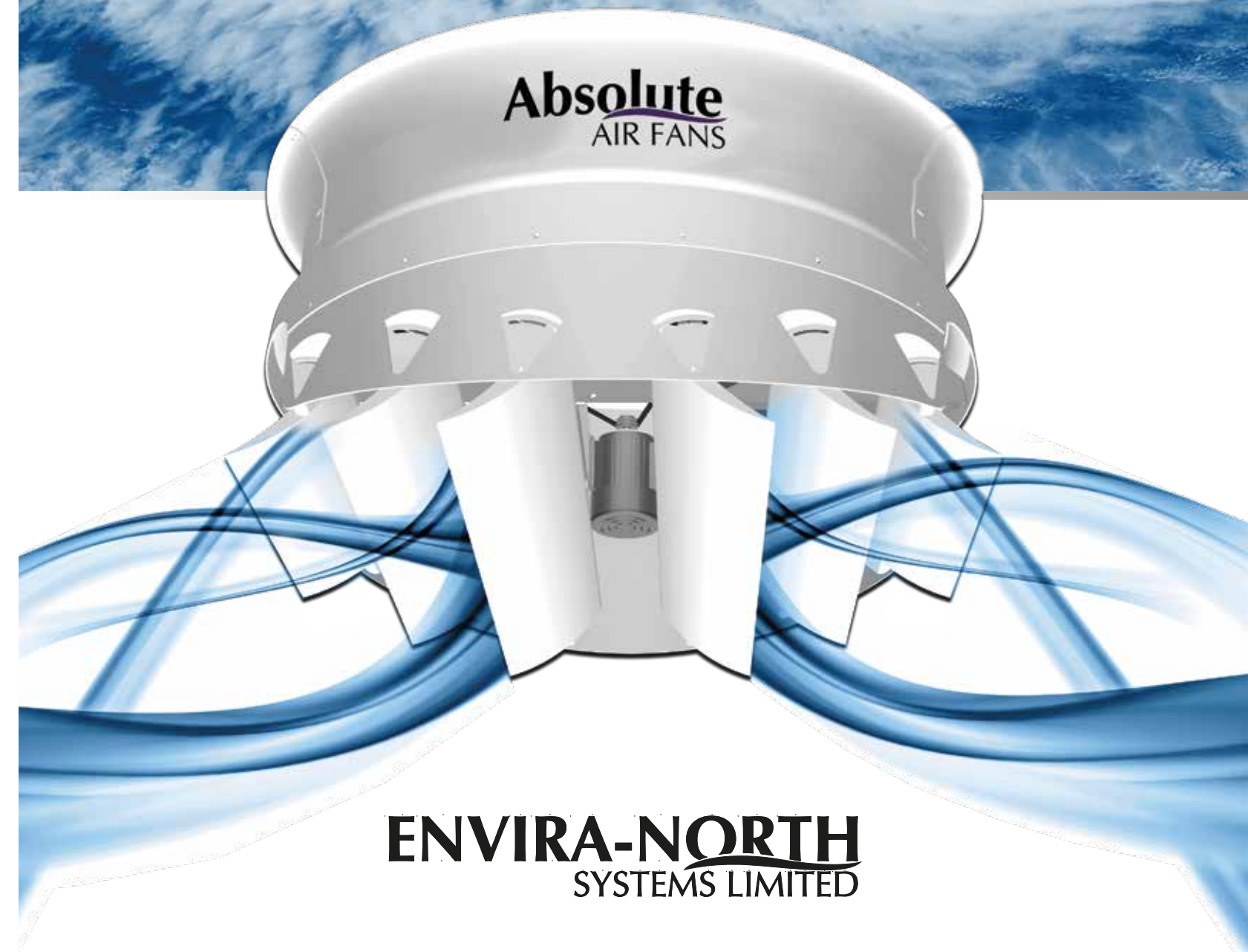


BETTER EFFICIENCY BETTER EFFICIENCY
33%
MORE
BETTER EFFICIENCY BETTER EFFICIENCY



Absolute Air
Fiberglass Recirculation Fan



ENVIRA-NORTH
SYSTEMS LIMITED

Contact us for more information
92 Railway St. Seaforth, Ontario, Canada N0K 1W0

519-527-2198

info@enviranorth.com | www.enviranorth.com

ENVIRA-NORTH
SYSTEMS LIMITED



Absolute Air

Fiberglass recirculation fan



Absolute Air

Fiberglass recirculation fan

RECIRCULATION FAN

One of our most versatile products is the Absolute Air variable speed fiberglass recirculation fan. Traditional ceiling fans slowly push the hot air from the ceiling down to the floor. The Absolute Air can do this on low speed and then as the speed increases; it creates air velocity for maximum air throw and cooling.

APPLICATIONS

In dairy barns, Absolute Air creates very high air velocity for animal cooling, insect control, drying of bedding and employee comfort. Absolute Air unique airfoil deflectors direct the air over and under the animals. One Absolute Air can replace up to eight 36" basket fans and while using only half the power required for those. On low speed, you have an ideal winter fan for re-circulating air throughout the building, reducing humidity and recapturing trapped heat at the ceiling.

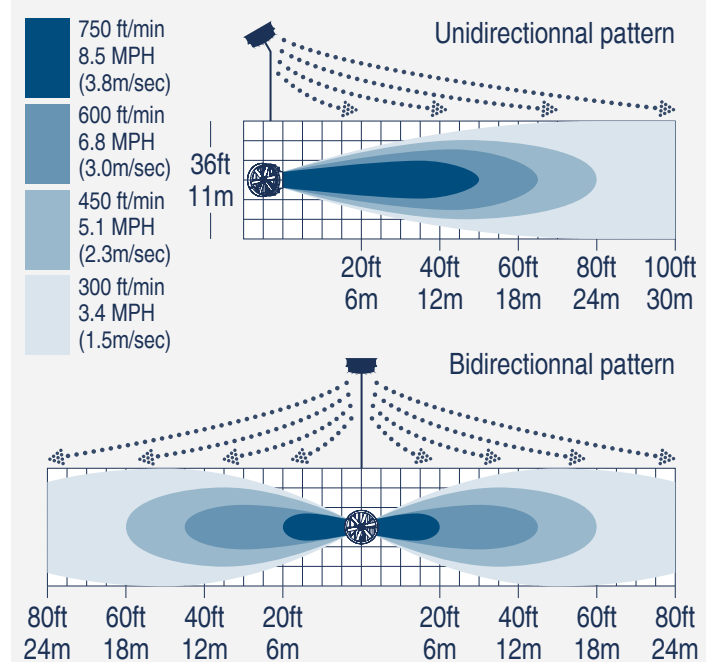
HIGH PERFORMANCE AND INNOVATIVE DESIGN

- Adjustable airfoil deflectors optimize air throw distance and direction.
- Performance enhancing intake fiberglass cone.
- Balanced heavy duty corrosion resistant six-paddle aluminum blades.
- De-stratifying air at low speed, covering over 6 000 square feet.
- Optional variable frequency drive allowing smooth speed adjustments from 60 RPM to 245 RPM.
- Extremely quiet operation on every speeds.
- Automatic belt tensioner.

FEATURES

- Corrosion resistant fiberglass housing.
- 6 directional flow deflectors.
- Can be mounted on steel post, building column or suspended from the ceiling (all optional mounts).
- Optional variable frequency drive.
- Still 3.4 MPH at 100 ft (1.5m/sec).

DIAGRAM OF THE AIR FLOW FAN



TECHNICAL SPECIFICATION

Propeller dimension	1.83m (72")			
HP	3.0			
Phase	1	3		
Voltage	230	208	230	460
Amperage *	13.2	8.6	8	4.3
Speed	Single	Variable		
RPM	245	60 @ 245		
Fan	Corrosion Resistant Steel			
Deflectors	100% PVC			
Blades	6-Aluminum			
Air Flow**	1 399 m ³ /min (49 400 CFM)			
Efficiency**	0.72 m ³ /min (25.6 CFM) per Watt			

* The Amps values depend on the motor manufacturer
Available motors: 50 or 60 hertz

** Data based on testing by an independent firm using ANSI/AMCA 230-12 standard.

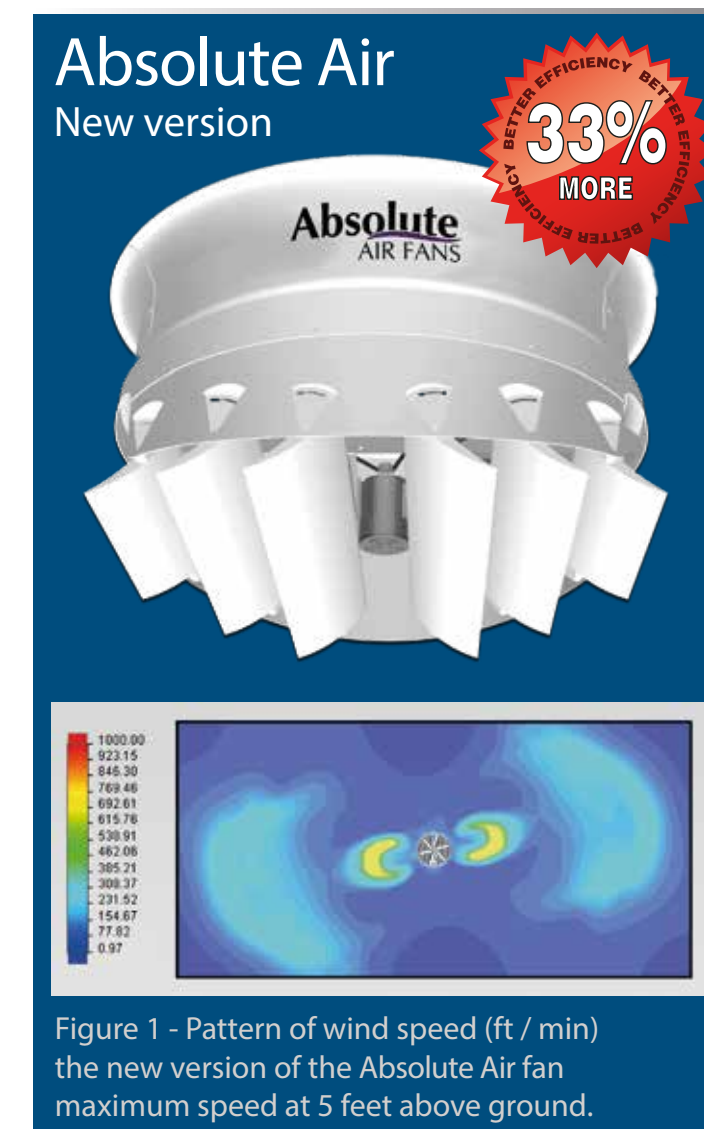


Figure 1 - Pattern of wind speed (ft / min) the new version of the Absolute Air fan maximum speed at 5 feet above ground.

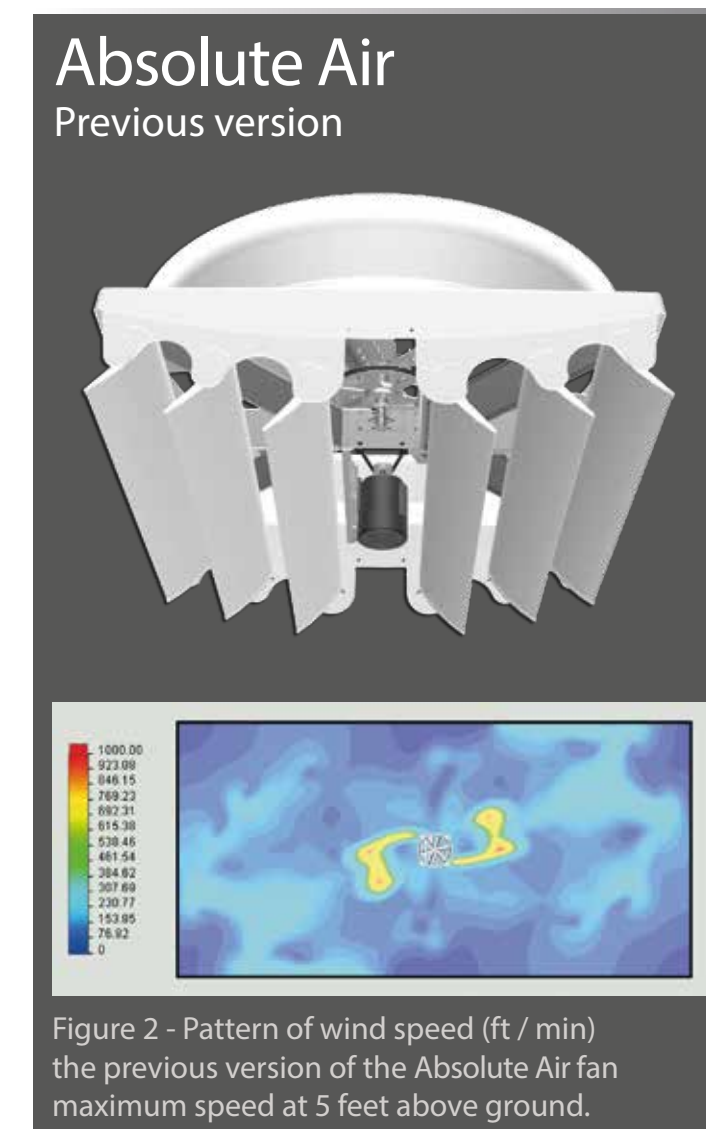


Figure 2 - Pattern of wind speed (ft / min) the previous version of the Absolute Air fan maximum speed at 5 feet above ground.

THE ADVANTAGES OF THE NEW ABSOLUTE AIR

- The Absolute Air is quieter.
- Less loss of air at the sides of the fan.
- Includes an automatic belt tensioner.
- 14% more efficient on air movement.
- The outlet air is more in line with the fan.
- The Absolute Air is better balanced and vibrates less.
- The belt change is easily done without removing the propeller.