

six blade HVLS barn fans

MACROAIR
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- » Reduces respiratory ailments due to dust and mold
- » Replaces multiple box fans
- » Energy efficient
- » Won't stress horses

Proven Barn Ventilation that Lowers Energy Costs

Providing ventilation to your horses is key. Poor ventilation and air quality results in mold and dust, which leads to respiratory ailments. High barn temperatures stress horses, so maintaining cooler temperatures is important.

MacroAir High Volume Low Speed (HVLS) fans are designed with barn animals in mind. Originally developed for dairy cattle, who need to be cool to produce more milk, and incorporating design characteristics developed at NASA, our Six-Blade HVLS barn fans gently circulate and distribute a large mass of air, while costing just pennies a day to operate.

Keep your horses cool and healthy

MacroAir HVLS barn fans generate a large volume of air that gently flows down to the ground and outward 360 degrees.

This large, slow moving air mass moves throughout the barn, mixing and circulating air more efficiently and cooling your horses without creating unnecessary noise and drafts or kicking up dust.

MacroAir Flow

Ranging in size from 8 to 24 feet in diameter, MacroAir 6 Blade HVLS fans create a cool gentle breeze during the summer months. During winter months, our barn fans can be run in reverse to move and mix hot elevated air (at ceiling level) with cold air (at floor level) to even out and raise the overall temperature in your barn.



MacroAir HVLS fans have a unique airflow pattern that cannot be duplicated by any other class fan.

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High Speed Box Fan compared to 6 Blade HVLS Barn Fan*

	Box Fan	6 Blade HVLS Barn Fan
Number of fans	52	8
Electrical cost per month	\$2,500	\$365
Fan life	3-5 years	12 + years
Total cost per year *2	\$41,479/yr	\$7,046/yr

* Area of comparison: 250 feet x 100 feet, 25000 sq/ft

*2 Including cost of fans and electricity

6 Blade HVLS Barn Fan Specifications

Diameter	8 – 24 feet
Horsepower	1
Variable Speed	115v available 208 – 240v Single or 3 Phase 460v 3 Phase 50 or 60 Hz available

Accessories

- » Custom powder coating colors
- » Custom blade anodizing
- » Custom extrusions
- » Corrosion-resistant coating
- » Stainless steel, explosion-proof, and single phase motors available

About MacroAir Technologies

As the inventor of HVLS fan technology, MacroAir is a family-owned company proud to say all our products are manufactured here in the US. Our company applies sound engineering principles to achieve optimum and lasting fan performance, proven results that our customers have come to expect. We are dedicated to customer service and customer satisfaction is what defines us.

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