

ECVC 72" FANS

AGRICULTURAL

NEW Design!

PRODUCT HIGHLIGHTS

FEATURES

- 112 CFM/Watt on low speed
- Adjustable air flow deflectors
- Corrosion resistant fiberglass housing
- Quick change belts for easy maintenance
- Heavy-duty pulley and bearing assembly
- Maintenance free motor
- Shipped fully assembled, except for deflectors
- Precision balanced heavy-duty corrosion-resistant 6-paddle aluminium blade
- 2 year warranty on motor, limited lifetime warranty on fiberglass housing and 1 year limited warranty on all other parts



The ECVC Fan from VES is the newest innovation in large 72" re-circulating fans. The most efficient available that creates ECVAir™ (effective cooling velocity technology) at an amazing 112 CFM per watt. Designed when running on high speed creates a high speed wave of air directed over the cows and across the floor. Unlike traditional panel and basket fans, the ECVC Fan produces a cooling wave of fresh air that surrounds the cow reducing heat stress which increases laying time and keeps bedding dryer. Further reducing SCC, mastitis and insects. Newly designed quick changing belts makes maintenance a breeze. There is only one ECVC Fan that is guaranteed to outperform all copycats in ECV and energy efficiency. The ECVC Fan is the fan of choice for world class Dairy producers around the world.



BENEFITS

- The ECVAir™ Technology (Effective cooling velocity) transfers electrical energy into air energy creating an efficient linear wave of air that surrounds the cows 360° while standing or lying.
- Can reduce heating and cooling cost up to 50%
- Creates an extreme air velocity for cow cooling, insect control, drying of bedding and employee comfort.
- De-stratifies air on low speed covering over 15,000 square feet with minimal amounts of power.
- Extremely quiet operation on all speeds.
- Optional High Pressure Fogging can easily be adapted to fit the ECVC fans for additional cooling. Option Variable Frequency Drive (VFD) allows for speed adjustments to meet your exact internal environmental requirements for 365 days of the year.
- Ideal for large turkey or hog buildings, greenhouses, factories, warehouses, processing plants and stadiums.



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Environmental Solutions, LLC.

ECVC 72" FANS



Part#	Size	Drive	HP	Voltage	PH	AMP	RPM	Watts Used	Speed
ECVC721230	72"	BD	3	230	1	15.5	354	2200	Single
ECVC723230460	72"	BD	3	230/460	3	8.2/4.1	354	2200	Variable

Bold data based on testing performed by an independent accredited lab using ANSI/AMCA 230-12 standards.

Additional testing Results:

Part#	Size	HP	RPM	Voltage	AMP	CFM	CFM/WATT	LBF Thrust	LBF/KW	KW
ECVC723230460	72"	3	354	230/460	8.2/4.1	48,645	22.63	53.9	25.04	2.150
ECVC723230460	72"	3	310	230/460	8.2/4.1	42,803	29.11	41.7	28.4	1.000
ECVC723230460	72"	3	270	230/460	8.2/4.1	38,038	37.7	32.9	32.6	1.000
ECVC723230460	72"	3	230	230/460	8.2/4.1	33,094	50.27	24.9	37.8	0.658
ECVC723230460	72"	3	120	230/460	8.2/4.1	22,014	112	11.0	55.8	0.197

VES continues to strive for the most accurate test data available. As additional independent accredited lab results become available we may need to revise information stated



VES Environmental Solutions, LLC. certifies that the ECVC723230460 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to airflow rate at free delivery only. Performance ratings include the effect of side plates with louvers. Speed (rpm) shown is nominal. Performance is based on actual speed of test.

