



AFR FANS

Maintaining clean, fresh air while effectively managing moisture is critical to a healthy barn environment. VES-Artex Exhaust Fans are engineered to pull fresh air through inlet openings and expel stale, moisture-laden air through the endwall—supporting consistent airflow, improved air quality, and animal comfort across all seasons.

Designed to perform reliably across a wide range of conditions, these exhaust fans operate efficiently through static pressures ranging from 0.0 to 0.3 inches H2O. This capability allows them to perform effectively in a variety of ventilation layouts, including tunnel, cross, and assisted natural ventilation systems.

Built for durability, VES-Artex exhaust fans feature a robust, corrosion-resistant fiberglass housing, reinforced fan blades, and OSHA-compliant safety guards. These construction elements ensure long-term performance in demanding agricultural environments where dust, moisture, and temperature extremes are common.

Automated Operation

All VES-Artex exhaust fans are variable speed capable and can be integrated into an overarching control system. Automation allows airflow to adjust dynamically based on temperature, humidity, or barn conditions—delivering consistent ventilation while optimizing energy use and reducing labor demands.

Blade & Drive Options

Exhaust fans are available with poly, aluminum, or galvanized steel blades, allowing producers to select the best material for their environment and performance requirements.

Belt-Drive Exhaust Fans

Equipped with an automatic belt tensioner and an adjustment bracket for easy alignment, belt-drive models offer serviceability and dependable performance over time.



Direct-Drive Exhaust Fans

Direct-drive models feature a fully enclosed motor with sealed bearings, reducing maintenance needs and improving long-term reliability.

All motors are UL Listed and CE certified, ensuring safe, efficient operation and compliance with industry standards.

Warranty

- 10 years on housings, guards, and deflectors
- 10 years on poly blades
- 5 years on steel blades
- 1 year on blades for 12" to 36" size fans
- 2 years on motors



Belt Drive Sizes	Direct Drive Sizes
55", & 72"	12", 16", 20", 24", 36", 55", & 72"

EXHAUST FANS

Fan Size	Blade	Motor	Air Flow Rate		Fan Efficiency		Horsepower	Voltage	Phase	Full Load Amps	Item Number	Description
			Imperial	Metric	Imperial	Metric						
			CFM	m ³ /hr	CFM/W	(m ³ /hr)/W						
BELT DRIVE												
55"	G. Steel	AC	25,873	43,959	23.8	40.4	1.5	115/230	1	4.4/2.2	119436	AFRS55
55"	G. Steel	AC	30,366	51,592	22.9	38.9	1.5	230/460	3	8.4-8/4	119425	AFRS55
55"	G. Steel	AC	28,913	49,123	22.7	38.6	1.5	230/460	3	13.3/6.7	119427	AFR55
55"	G. Steel	AC	24,324	41,327	21.5	36.5	1.5	115/230	1	8.4-8/4	119429	AFR55
72"	Aluminum	AC	37,642	63,954	24.8	42.1	3	230/460	3	8.4-8/4	101180	AFRS72
72"	Poly	AC	37,803	64,228	17.7	30.1	3	230/460	3	8.4-8/4	118447	AFRS72
72"	Aluminum	AC	37,850	64,308	26.5	45.0	3	230/460	3	8.4-8/4	101162	AFR72
72"	Poly	AC	42,592	72,364	21.3	36.2	3	230/460	3	3	118446	AFR72
DIRECT DRIVE												
36"	G. Steel	EC	13,670	23,225	19.5	33.1	0.9	220/277	1	6.2/5.6	105295	AFRV36
36"	G. Steel	EC	14,510	24,653	23.9	40.6	0.9	220/277	1	6.2/5.6	118401	AFRV36 No Shutter
36"	G. Steel	EC	10,500	17,840	29.6	50.3	0.9	380/480	3	1.25/1	118939	AFRV36
36"	G. Steel	AC	9,650	16,395	19.3	32.8	0.75	230/460	3	3/1.5	101170	AFRV36
36"	G. Steel	AC	14,510	24,653	23.9	40.6	0.75	230/460	3	3/1.5	118402	AFRV36 No Shutter
55"	Poly	PM	29,100	49,441	22.6	38.4	2	400/460	3	2.8/2.4	118009	AFRD55
55"	Poly	PM	29,200	49,611	22.7	38.6	2	200/230	3	5.6/4.8	118011	AFRD55
55"	G. Steel	PM	31,750	53,944	25.3	43.0	2	400/460	3	2.8/2.4	118920	AFRD55
55"	G. Steel	PM	31,750	53,944	25.3	43.0	2	200/230	3	5.6/4.8	120196	AFRD55
55"	G. Steel	EC	33,351	56,664	22.9	38.9	4	460	3	6.2	115343	AFRD55
55"	Poly	EC	35,727	60,701	15.6	26.5	4	460	3	6.2	115384	AFRD55
72"	Poly	PM	48,808	82,925	18.9	32.1	4	400/460	3	5.6/4.8	117993	AFRV72
72"	Poly	PM	48,808	82,925	18.9	32.1	4	200/230	3	11.2/9.6	117995	AFRV72
72"	G. Steel	PM	56,799	96,502	21.2	36.0	4	200/230	4	11.2/9.6	115545	AFRV72
72"	G. Steel	PM	56,799	96,502	21.2	36.0	4	400/460	5	5.6/4.8	115507	AFRV72
72"	Poly	PM	47,739	81,109	16.8	28.5	4	400/460	3	5.6/4.8	118435	AFR72
72"	Poly	PM	47,739	81,109	16.8	28.5	4	200/230	3	11.2/9.6	115344	AFR72

All fans tested with a PVC shutter unless noted, and to AMCA standards. G. Steel = Galvanized Steel. SS refers to stainless steel framing. S-series housing is Biohazard deterrent. To know if a fan is an S-series, look for an "S" before the fan size in the product description. Example: PPF55S.