

VENTILATION | Effective Cooling Velocity Fans (ECV)



ECV Fans

VES-Artex ECV fans are one of the cornerstones of the Animal-Centered Environment. Like no other fans on the market, ECV fans direct targeted fresh airflow down to the cow level.

ECV fans create a wave-like effect surrounding cows when lying down, waiting to enter the parlor, and in other locations where heat reduction is critical. ECV fans are proven to increase lying time, leading to improved milk production, reproduction, and overall animal health.

In addition to directing fresh, cool air to the cow level, ECV fans also aid in keeping bedding dryer and reducing insects.

Air Exchange

Works to create air exchange that removes heat, humidity & noxious gases like ammonia. Additionally, air exchanges created by ECV fans reduce bedding moisture and promote lying time with overall cow health and milk production. When used in conjunction with inlet and exhaust fan, you can optimize the air exchange.

Efficiency

Variable speed motors operate effectively at low speeds but can move up to 112 CFM per Watt.

Strategically Cool the Animal not the Barn

The scientific design, mounting angle and high-speed operation, creates an evaporative cooling wave of air directed strategically at the cow level where it is most effective, reducing the risk of heat stress, making sure every animal has the same cooling and fresh air experience.

- » Proven to increase lying times
- » Improves reproduction
- » Achieve better animal health
- » Increased milk production
- » Dry bedding and minimize circulation of dust and particles

Limited Warranty

- » 1-year warranty on all parts
- » 2-year prorated warranty on motors
- » 10-year prorated poly blade warranty
- » 10-year prorated housing warranty

Customize Your Fan



Belt Drive or Minimal Maintenance Direct Drive



Great for a variety of applications (greenhouses, factories, warehouses, processing plants and stadium)



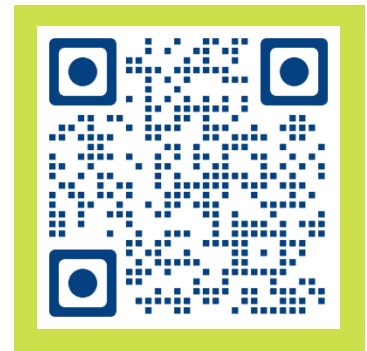
Variable Speed Control for Added Energy Savings



CE UL listed and certified



**Available in 36", 55" and 72" Direct Drive Options
Available in 55" & 72": Belt Drive Options**





Part Number	Opr. Level	Hertz	Rev. Per Minute	Voltage	Full Load Amps	Phase	Horse Power	Power	Speed	Thrust	Air Flow Rate*		Fan Efficiency	
	%	Hz	RPM	V	AMP	PH	HP	w	Single or Variable	LBF/Kw	Imperial	Metric	Imperial	Metric
											CFM*	M ³ /H*	CFM/w	M ³ /H/w

72" ECVC

116675	100	50	420	230/400	7.7 / 4.5	3	3	2200	Variable	24	53,363	90,600	24.2	41.1
	90		378											
	50		210											

55" ECVC

116674	100	50	480	230/400	4.4/2.5	3	1.5	1100	Variable	18	24,808	42,120	22.5	38.3
	90		432											
	50		240											

36" ECVV

105293	100	50	650	230/400	3.4/ 1.9	3	0.75	560	Variable	18	19,555	33,223	34.9	59.3
	90		585											
	50		325											