VES-Artex

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2026
CATALOG

*Let's Build
Your Legacy*

2026

Ventilation

Cattle Handling

Calf Care

Automation

Cooling

Lighting

Biosecurity

NEW INNOVATIONS

TESTED AND PROVEN

Looking for the latest and greatest to improve efficiency and performance at your dairy operation? Check out our newest innovations listed here:

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60" AFRV, Page 12, Call for Details

Cattle Handling
Heavy-duty Gates, Page 81
Heavy-duty Manure Grate, Page 76
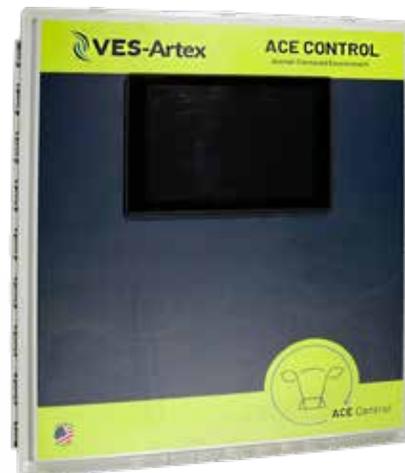
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Cooling
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Biosecurity:
Sanitation Station, Page 147
Wire Bird Mesh, Back Cover

ICONOGRAPHY

You will notice icons next to select products. These graphic identifiers tell you more about each product.

Staff Favorite A product recommended by the VES-Artex team based on real-world performance, innovation, reliability, and customer feedback. These solutions are trusted by our experts and frequently selected for results in the field.

Way-finding See the product categories along the side of this page? We'll highlight the category for each page so you can easily find your way through this publication.

Biohazard Deterrent Designed to help reduce the spread of contaminants and support biosecurity protocols. Products marked with this icon are easy to clean, therefor less prone to trapping bacteria. This aids in protecting animal health.

Rebate Available Eligible for manufacturer or program rebates, these products offer a boost to your bottom-line. Check with your VES-Artex representative or dealer for current rebate details and qualification requirements.

Electrical Certifications VES-Artex Products that have the UL Listed icon are approved in Canada and US markets.

CE Indicates that the product may be traded freely in any part of the European Economic Area, regardless of country of origin.

DLC Listed Indicates that a lighting product has been vetted by the DesignLights Consortium for high energy efficiency, performance, and quality, making it eligible for utility rebates.

Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) EU rules restricting the use of hazardous substances in electrical and electronic equipment to protect the environment and public health.

LET'S BUILD YOUR LEGACY

Balancing the demands of the industry, your business, and your animals is the daily challenge of agriculture. And we get it, because we're balancing them too. Our team is made up of current and former producers. We work in Ag because we live it. We understand the long days, the tough calls, and the pride that comes with doing things right.

That's why we're committed to delivering system solutions that make your work more manageable, efficient, and productive. Like our all-new ACE Control, a robust platform that seamlessly connects cooling, lighting, and ventilation systems. Or our 60" Panel Blast Fan, American-made with corrosion-resistant stainless steel for unmatched durability. And our Sanitation Station, a must-have for hospital and maternity pens, making it easy to wash boots and support on-farm biosecurity.

Inside this 2026 catalog, you'll find tools and technologies built with your legacy in mind. Solutions designed to support your operation today and help shape the future you're building.

We're ready when you are.

Ventilation

Cattle Handling

Calf Care

Automation

Cooling

Lighting

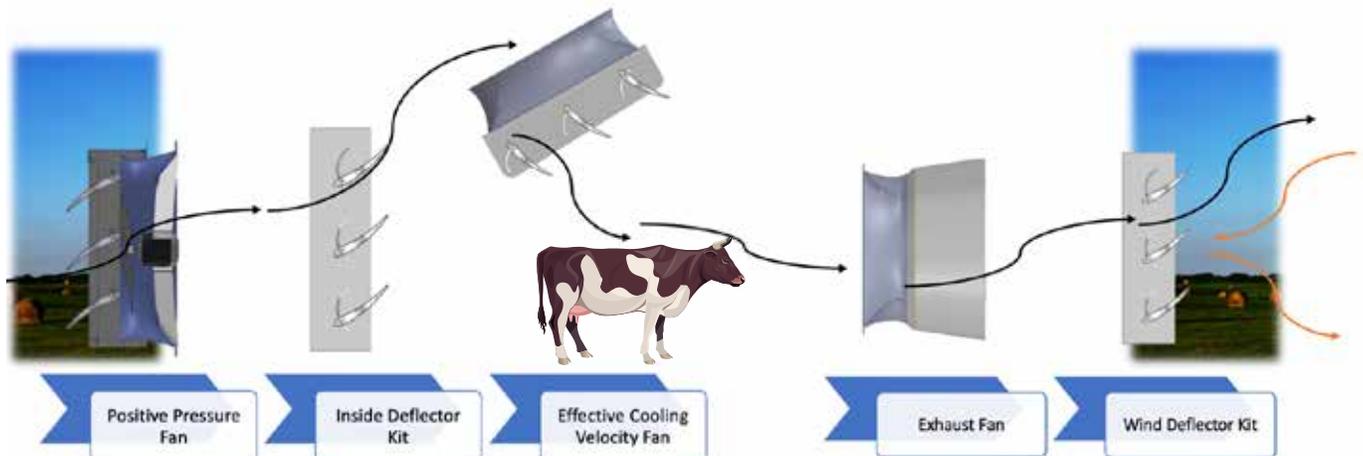Biosecurity

VENTILATION

WHY IS VENTILATION IMPORTANT?

Ventilation plays a critical role in creating a healthy, comfortable, and productive environment for your herd. A well-designed ventilation system helps regulate temperature, humidity, and air quality, all of which directly influence cow comfort, employee working conditions, and overall farm performance.

Effective ventilation removes excess heat, moisture, dust, and airborne contaminants that can otherwise contribute to heat stress, respiratory challenges, and increased disease pressure. By maintaining consistent airflow and fresh air exchange, producers can support healthier cows, improved lying behavior, and more stable feed intake — all key drivers of milk production and reproductive success.

Ventilation is a strategic investment that impacts nearly every aspect of dairy operations. From improving animal health and reproduction to enhancing milk quality and reducing energy inefficiencies, proper ventilation contributes directly to long-term profitability. Understanding how ventilation affects your facility allows you to make informed decisions.

BACK TO THE BASICS

Delivering fresh, clean air at the cow level is fundamental to herd health, comfort, and performance. Effective dairy barn ventilation depends on a balanced strategy that manages how air enters, moves through, and exits the facility. At the core of this strategy are three primary types of fans: inlet, circulation and exhaust.

Positive Pressure Fan | Inside Deflector Kit | Effective Cooling Velocity Fan | Exhaust Fan | Wind Deflector Kit

BARN VENTILATION STRATEGIES

There are three primary approaches to dairy barn ventilation, each with its own advantages and considerations. Selecting the right strategy depends on facility design, climate, herd size, and long-term operational goals.

Assisted Natural Ventilation
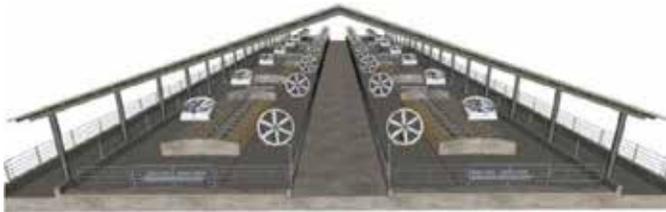
Assisted natural ventilation relies on large open sidewalls and a tall roof peak to promote thermal buoyancy, particularly during cold weather conditions. While this approach can be energy efficient, it is heavily dependent on wind and weather patterns, making it difficult to achieve consistent cooling airspeed at the cow level during warm periods. For this reason, circulation fans installed over the stalls are strongly recommended to supplement natural airflow and improve cow comfort year-round.
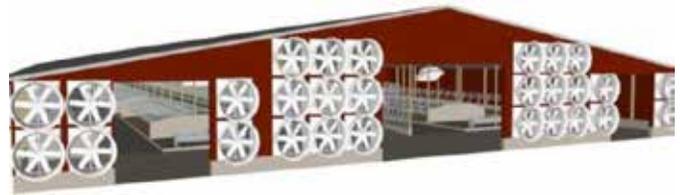
Cross-Ventilation
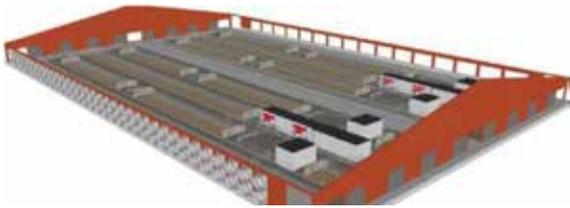
Cross-ventilated barns are one of the most scalable mechanical ventilation solutions available and can significantly reduce the overall footprint of a farmstead. This approach performs exceptionally well during hot weather by delivering uniform airflow across the barn.

Some designs rely on baffles to create airspeed, which can present challenges during colder months. To address this, newer barn designs often incorporate powered or retractable baffles, allowing producers to maintain airflow control across seasonal conditions.

Tunnel Ventilation

Tunnel ventilation remains one of the most common mechanical ventilation strategies, particularly for barn retrofits. Traditionally designed for high air exchange rates, modern tunnel-ventilated barns are increasingly engineered with lower exchange rates supplemented by strategically placed circulation fans. This approach reduces static pressure while maximizing cooling efficiency—a design philosophy currently recommended by the Dairyland Initiative.

VES-Artex follows the industry standards of air exchange rates to ensure each facility is appropriately ventilated. These standards are posted below:
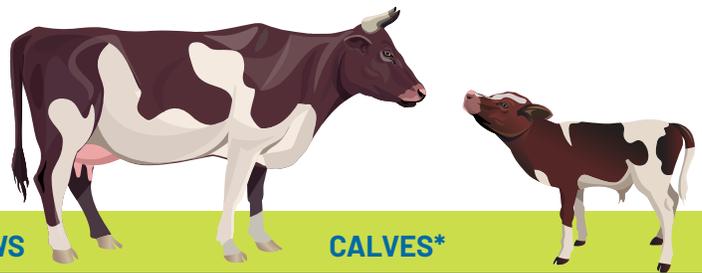
MINIMUM VENTILATION TARGETS	ADULT COWS	CALVES*
Summer Air Exchange Rate	40 – 60 exchanges/hour	40 exchanges/hour
Winter Air Exchange Rate	4 – 8 exchanges/hour	4 – 8 exchanges/hour
Air Speed at the Cow Level	200 – 400 ft/minute (61 – 122 m/second)	< 60 ft/minute (18 m/minute)

*Calf Note: Avoid creating drafts which is any air moving above 60 ft/minute (18 m/minute) in cold climates.

INLET FANS

VES-Artex Inlet Fans, also known as Positive Pressure Fans (PPF), are engineered to deliver controlled volumes of fresh air into barns, parlors, and holding areas. These fans are especially effective in facilities where passive inlets alone cannot supply adequate airflow. By actively pushing air into the barn, inlet fans help reduce static pressure, improve air distribution, and support a more consistent ventilation strategy.

Built for long-term performance in demanding dairy environments, VES-Artex inlet fans feature durable fiberglass housings, high-performance blades, and powerful motors designed to withstand years of continuous operation.

Automated Operation

All inlet fans are compatible with variable-speed control and can be integrated into an overarching control system. Automation allows airflow to adjust in real time based on temperature, humidity, and environmental conditions—delivering consistent comfort with minimal manual intervention.

Enhanced Cooling Performance

For maximum cooling efficiency, inlet fans can be paired with a high-pressure fogging system. This combination reduces the temperature of incoming air before it reaches the herd, helping alleviate heat stress and maintain optimal cow comfort during warm weather.

Available Configurations

Belt Drive Sizes: 55", 72"
Direct Drive Sizes: 36", 55", 72"

Warranty Coverage

- 10 years on housings and guards
- 10 years on poly blades
- 5 years on steel blades
- 2 years on motors
- 1 year on tie bar shutter
- 1 year on PPF box (actuator motor included)

INLET FANS

Fan Size	Blade	Motor	Air Flow Rate		Fan Efficiency		Horsepower	Voltage	Phase	Full Load Amps	Item Number	Description
			Imperial	Metric	Imperial	Metric						
			CFM@ 0"SP	m^3/hr @ 0" SP	CFM/W	(m^3/hr)/W	HP	V	Ph	A		
BELT DRIVE												
55"	Aluminum	AC	21841	37108	24.7	42.0	1.5	230/460	3	4.8-4.4/2.2	101248	PPFS55
72"	Poly	AC	40119	68163	17.86	30.3	3	230/460	3	9.3-9.2/4.6	104346	PPFS72
DIRECT DRIVE												
36"	G. Steel	AC	11070	18808	16.7	28.4	0.75	230/460	3	3.05/1.5	101296	PPFV36
36"	G. Steel	EC	13370	22716	18.4	31.3	0.9	220/277	1	6.2/5.6	105309	PPFV36
55"	Poly	PM	32287	54856	23	39.1	2	400/460	3	2.6/2.2	118013	PPFD55
55"	Poly	PM	25100	42645	16.4	27.9	2	200/230	3	5.6/4.8	118015	PPFD55
72"	Poly	PM	45849	77898	14.43	24.5	4	400/460	3	5.6/4.8	118001	PPFD72
72"	Poly	PM	45849	77898	14.43	24.5	4	200/230	3	11.2/9.6	118003	PPFD72

All fans tested 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: PPFS55.

Inlet Rough Opening		
Fan Size	Rough Opening Width/Height	
	Inch	cm
36"	40	101.5
55"	60.25	153
72"	78.5	199

Internal Deflector Kits (IDK)	
Fan Size	Item Number
36"	104659
55"	103842
72"	103843

Cattle Handling

Calf Care

Automation

Cooling

Lighting

Biosecurity

LOUVERED CIRCULATION FANS

Targeted airflow where it matters most.

Louvered Circulation Fans, also known as Effective Cooling Velocity (ECV) Fans, form the backbone of the VES-Artex ventilation strategy. Designed to deliver high-velocity airflow directly at the cow level, ECV fans use adjustable louvers to precisely aim fresh air where cows feel it most. This targeted cooling helps mitigate heat stress while encouraging longer lying times, improved milk production, stronger conception rates, and overall herd health.

Each ECV fan is engineered for long-term performance in demanding dairy environments. Corrosion-resistant fiberglass housings, balanced aluminum or reinforced polypropylene blades, and heavy-duty hardware ensure reliable operation season after season. Motors are UL Listed and CE certified, available in both 50 and 60 Hz options to meet global installation requirements.

Automate Usage

All louvered circulation fans are capable of variable-speed operation and can be connected to an overarching control system for fully automated ventilation management.

Cooling Power

Pair ECV fans with a high-pressure fogging system to further reduce incoming air temperature and maximize cooling effectiveness at the cow level.

Installation Tip

Recommended spacing for 72" ECV fans is 60' (18.3 m) for optimal airflow coverage.

Mounting Options

- Goal Post Mount – Part #109315
- Chain & Quick Link Hanging Kit (72" ECV / ECVCS)– Part #104394

Warranty

- 10 years on housings, guards, and deflectors
- 10 years on poly blades
- 5 years on steel blades
- 1 year on 36" blades
- 2 years on motors

From the Field
"We have better conception rates, higher yields, and we've produced more milk off the back of having them installed."
*—Keith Gue, Huddlestone Farmers*

Cattle Handling
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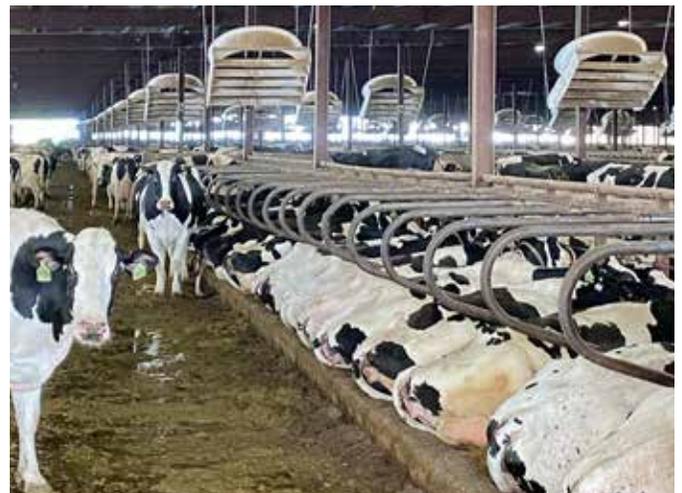
LOUVERED CIRCULATION FANS

Fan Size	Blade	Motor	Air Flow Thrust Rate		Fan Thrust Efficiency		Horsepower	Voltage	Phase	Full Load Amps	Item Number	Description
			Imperial	Metric	Imperial	Metric						
			CFM	m^3/hr	CFM/W	(m^3/hr)/W	HP	V	Ph	A		
BELT DRIVE												
55"	Aluminum	AC	22200	37718	27.0	45.9	1.5	115/230	1	15/7.5	104986	ECVCS55 BD
55"	Aluminum	AC	22500	38228	30.6	52.0	1.5	208-230/460	3	4.8-4.4/2.2	104980	ECVCS55 BD
72"	Poly	AC	45080	76591	21.2	36.0	3	208-230/460	3	9.3-9.2/4.6	104338	ECVCS72 BD
72'	Poly	AC	45080	76591	21.2	36.0	3	208-230/460	3	9.3-9.2/4.6	115177	ECVCS72 BD SS*
DIRECT DRIVE												
36"	G. Steel	AC	11610	19726	15.4	26.2	0.75	230/460	3	3.05/1.5	101194	ECVV36
36"	G. Steel	EC	12400	21068	17.5	29.7	0.9	220/277	1	6.2/5.6	105293	ECVV36
55"	Poly	PM	32900	55897	20.3	34.5	2	400/460	3	2.6/2.2	118005	ECVD55
55"	Poly	PM	31800	54029	20.6	35.0	2	200/230	3	5.6/4.8	118007	ECVD55
72"	Poly	PM	48166	81835	22.4	38.1	4	400/460	3	5.6/4.8	117997	ECVD72
72"	Poly	PM	48166	81835	22.4	38.1	4	200/230	3	11.2/9.6	117999	ECVD72

All fans tested to AMCA standards. G. Steel = Galvanized Steel. SS refers to stainless steel framing. "S" series housing is Biohazard deterrent. To know if a fan has the "S" series, look for an "S" before the fan size in the product description. For example: ECVCS55.

RECIRCULATING FAN VELOCITY MAPPING

Contours of Velocity (1 ft. above the floor)
Viewed from above
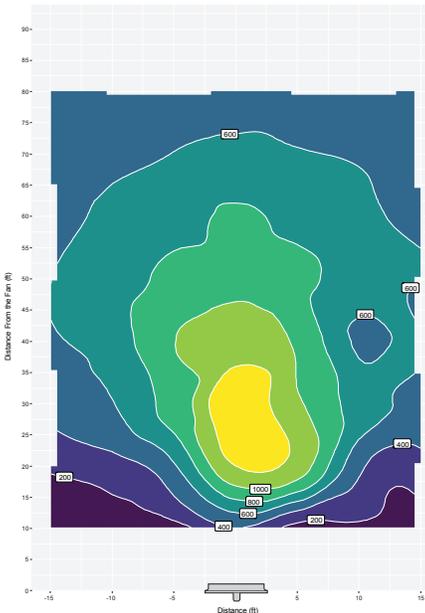
Contours of Velocity (3 ft. above the floor)
Viewed from above
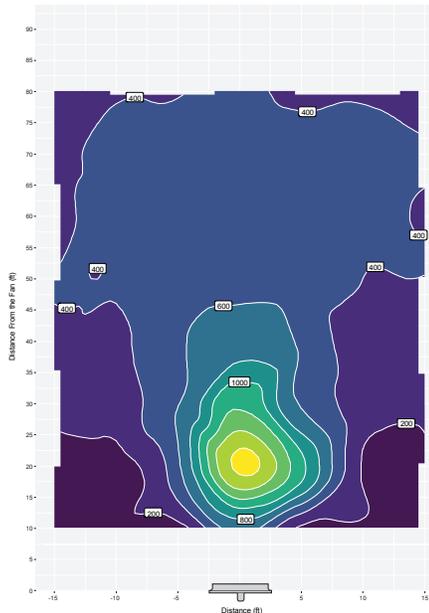
Contours of Velocity (5 ft. above the floor)
Viewed from above

Velocity (ft/min)
(0, 200]
(200, 400]
(400, 600]
(600, 800]
(800, 1000]
(1000, 1200]
(1200, 1400]
(1400, 1600]
(1600, 1800]
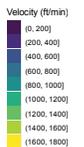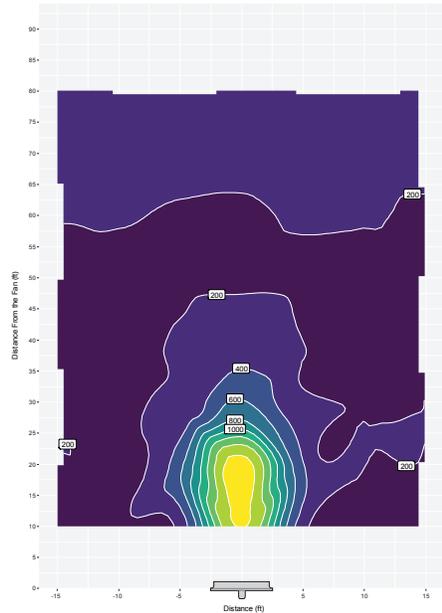
72" Blast Fan Direct Drive, Fan Mounted at 20°

Velocity (ft/min)
≥600
400 - 599
200 - 399
<200
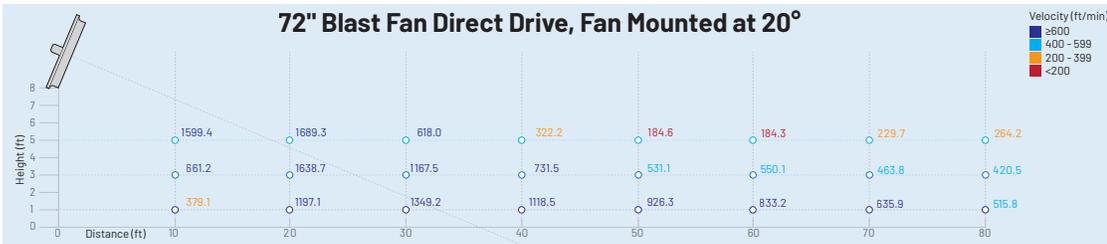
Data captured every 5 minutes in the testing facility using propeller anemometers. Sampling rate is 5 sec/sample.

PANEL CIRCULATION FANS

VES-Artex Panel Circulation Fans, also referred to as Blast Fans (BLT), are engineered to deliver reliable, high-velocity airflow that supports cow comfort and barn performance year-round. Available with both belt-drive and direct-drive motors, these fans provide exceptional airspeed at the cow level helping reduce heat stress, control insects, dry bedding, and create a more comfortable environment that supports consistent feed intake and milk production.

Designed for flexible installation, panel circulation fans can be post-mounted or suspended from the ceiling, making them adaptable to a wide range of barn layouts and ventilation strategies.

Built to withstand harsh agricultural environments, each fan features a high-grade, corrosion-resistant fiberglass housing with a thick UV-protective coating to extend service life. Motors are CSA and CSA-US certified, IP66 rated, and available in both 50 Hz and 60 Hz configurations to meet regional and facility-specific requirements.

All VES-Artex panel circulation fans are variable speed capable and can be integrated into an overarching control system. This allows producers to automate fan operation based on temperature, humidity, or environmental conditions—delivering consistent airflow while reducing energy use and labor demands.

Cooling Power

For enhanced cooling performance during warm weather, panel circulation fans can be paired with a high-pressure fogging system. This combination lowers the temperature of the air delivered to the herd, improving heat abatement and maintaining cow comfort during periods of elevated heat and humidity.

Warranty

- 10 years on housings and guards
- 10 years on poly blades
- 5 years on steel blades
- 2 years on motors

PANEL CIRCULATION FANS

| Fan Size | Blade | Motor | Thrust | Air Flow Thrust Rate | | Fan Thrust Efficiency | | Horsepower | Voltage | Phase | Full Load Amps | Item Number | Description |
| | | | | Imperial | Metric | Imperial | Metric | | | | | | |
			lbs	CFM	m^3/hr	CFM/W	(m^3/hr)/W	HP	V	Ph	A		
BELT DRIVE													
50"	Aluminum	AC	16.7	21500	36529	16.1	27.4	1.5	115	1	13.3	101262	BLT50 BD
50"	Aluminum	AC	17.1	21520	36563	16.5	28.0	1.5	230	1	6.7	101262	BLT50 BD
50"	G. Steel	AC	22.2	22000	37378	21.4	36.4	1.5	230	1	6.7	119152	BLT50 BD
50"	Aluminum	AC	17.5	21300	36189	17.0	28.9	1.5	208/230	3	4.8/4.4	101272	BLT50 BD
50"	Aluminum	AC	18.9	22000	37378	17.8	30.2	1.5	460	3	2.2	101272	BLT50 BD
50"	G. Steel	AC	22.6	21,300	36,189	23.1	39.25	1.5	460	3	2.2	119157	BLT50 BD
55"	G. Steel	AC	19.9	27200	46213	19.3	32.8	2	115-230	1	16.5-8.1	118919	BLT55 BD
55"	G. Steel	AC	20.6	27800	47233	19.5	33.1	2	230/460	3	5.5/2.8	118432	BLT55 BD
72"	Poly	AC	38.9	36200	61504	16.6	28.2	3	230/460	3	9.2/4.6	101278	BLT72 BD
DIRECT DRIVE													
50"	G. Steel	EC	19.6	22800	38737	18.7	31.8	1.5	230	1	9	119699	BLT50 EC
50"	G. Steel	EC	21	20800	35339	22	37.3	1.5	230	1	9	119716	BLT50 EC
50	G. Steel	EC	20	22900	38907	19	32.3	1.5	230	3	8.4	119917	BLT50 EC
50"	G. Steel	EC	21.3	20800	35339	22.3	37.9	1.5	230	3	8.4	119918	BLT50 EC HE
55"	G. Steel	EC	27.7	19700	33471	30.5	51.8	2	200/230V	3	5.6/4.8	119920	BLT55 EC
55"	G. Steel	EC	19.8	25000	42475	21.0	35.7	2	460	3		119715	BLT55 EC
55"	G. Steel	PM	21.4	30600	51990	18.4	31.3	2	400/460	3	2.6/2.2	118431	BLT55 DD
55"	G. Steel	PM	19.3	27900	47402	18.4	31.2	2	200/230	3	5.6/4.8	119355	BLT55 DD
72"	Poly	PM	46.6	46210	78511	14.9	25.3	4	400/460	3	5.6/4.8	118436	BLT72 DD
72"	Poly	PM	46.6	46210	78511	14.9	25.3	4	200/230	3	11.2/9.6	118882	BLT72 DD
84"	Poly	PM		47546	80781	22.08	37.5	4	400/460	3	5.6/4.8	118641	BLT84 DD

All fans tested to AMCA standards. G. Steel = Galvanized Steel. SS refers to stainless steel framing. 50" and 55" fans were tested at BESS labs. 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: PPFS55.
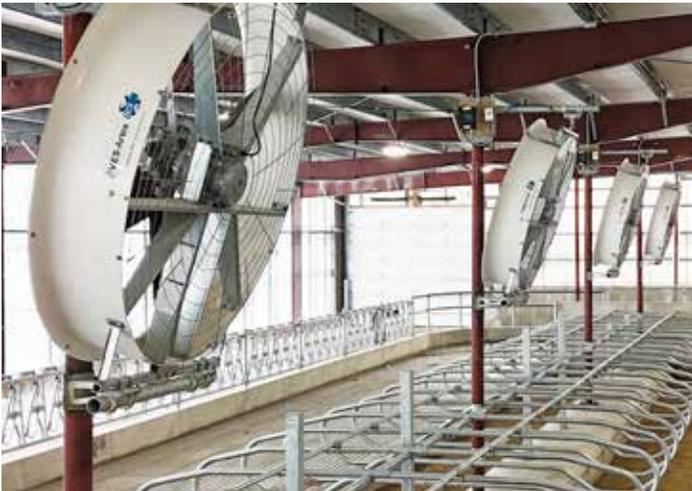

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Cattle Handling

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BLAST FAN MOUNTS

50" & 55" L-PIPE BRACKET MOUNTING FOR BLAST PANEL CIRCULATION FANS

Item Number	Round Pipe Mount Dimensions	
	Inches	mm
115605	3 to 3-1/2	76 to 89
119997	4 to 4-1/2	102 to 114
120002	5 to 5-5/8	127 to 143
120009	6-1/2 to 6-7/8	165 to 174
120020	7-7/8 to 8-5/8	200 to 219
120055	10/3/2004	173

Item Number	Square Mount Dimensions	
	Inches	mm
120058	4 x 4	101.6 x 101.6
120059	5 x 5	127 x 127
120060	6 x 6	152.4 x 152.4

50" & 55" CENTER BRACKET MOUNTING FOR BLAST PANEL CIRCULATION FANS

Item Number	Round Pipe Mount Dimensions	
	Inches	mm
118950	3 to 3-1/2	76 to 89
120028	4 to 4-1/2	102 to 114
120031	5 to 5-5/8	127 to 143
120034	6-1/2 to 6-7/8	165 to 174
120037	7-7/8 to 8-5/8	200 to 219
120056	10/3/2004	173

Item Number	Square Mount Dimensions	
	Inches	mm
120061	4 x 4	101.6 x 101.6
120062	5 x 5	127 x 127
120063	6 x 6	152.4 x 152.4

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117989: Fan, 50" Blast, Retrofit Conversion Kit, Belt Drive to Direct Drive (No Motor)

CONVERSION KIT FOR BLAST PANEL CIRCULATION FANS

50" & 55" DUAL FAN BRACKET MOUNTING FOR BLAST PANEL CIRCULATION FANS

Item Number Cross Support	Round Pipe Mount Dimensions		Item Number Vertical Support*
	Inches	mm	
120043	3 to 3-1/2	76 to 89	119963
120044	4 to 4-1/2	102 to 114	119868
120045	5 to 5-5/8	127 to 143	119781
120046	6-1/2 to 6-7/8	165 to 174	119791
120047	7-7/8 to 8-5/8	200 to 219	120001
120057	10/3/2004	173	120078

Item Number Cross Support	Square Mount Dimensions		Item Number Vertical Support*
	Inches	mm	
120064	4 x 4	101.6 x 101.6	120079
120065	5 x 5	127 x 127	120080
120066	6 x 6	152.4 x 152.4	120081

* Vertical support recommended for all applications that might see external wind loads exceeding 15MPH through facility.

DAIRY LIVESTOCK INDUSTRIAL GREENHOUSE CRYPTO DAIRY LIVESTOCK INDUSTRIAL BLAST FANS IN STOCK VES-Artex

EXHAUST 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

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	HP	V	Ph	A		
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 unles 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: PPFS55.

Exhaust fans are designed with galvanized steel, aluminum, or poly blades.

Cattle Handling

Calf Care

Automation

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EXHAUST FANS WITH INLET GUARD

VES-Artex Exhaust Fans with roller shutters and inlet guards are designed to improve airflow efficiency and year-round barn comfort. The roller shutter system minimizes airflow obstructions when fans are operating and automatically closes when fans are off, helping maintain consistent indoor conditions without the need for seasonal covers.

During colder months, the roller shutter reduces unwanted drafts and heat loss, supporting stable temperature control and energy efficiency. Built for durability and seamless integration, the VES-Artex Roller Shutter enhances exhaust fan performance in demanding agricultural environments.

Available Options & Compatibility

- 55" Roller Shutter, Part #119011
  Compatible with all VES-Artex 55" exhaust fans.
- 72" Roller Shutter, Part #117836
  Compatible with AFRV72 exhaust fan in V-housing only.

Key Benefits

- Reduces airflow restriction for improved fan efficiency
- Eliminates the need for winter covers
- Automatically closes when fans are off
- Supports consistent barn temperature and comfort
- Built for long-term performance in harsh environments

| 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	HP	V	Ph	A		
BELT DRIVE												
55"	G. Steel	AC	29403	49956	29.5	50.1	1.5	115/230	1	13.3/6.7	119437	AFRS55 – No Shutter
55"	G. Steel	AC	30746	52238	34.2	58.1	1.5	230/460	3	4.4/2.2	119426	AFRS55 – No Shutter
55"	G. Steel	AC	In testing queue, please call for data.				1.5	230/460	3	4.4/2.2	119428	AFR55 – No Shutter
55"	G. Steel	AC	27222	46250	23.1	39.2	1.5	115/230	1	13.3/6.7	119430	AFR55 – No Shutter
72"	Poly	AC	40188	68280	21.8	35.9	3	230/460	3	8.4-8/4	119421	AFRS72
DIRECT DRIVE												
55"	Poly	PM	32900	55897	27.4	46.6	2	400/460	3	2.8/2.4	118403	AFRD55 – No Shutter
55"	Poly	PM	32500	55218	27	45.9	2	200/230	3	5.6/4.8	119558	AFRD55 – No Shutter
55"	G. Steel	PM	33546	56995	29	49.3	2	400/460	3	2.8/2.4	120195	AFRD55 – No Shutter
55"	G. Steel	PM	33548	56998	29	49.3	2	200/230	3	5.6/4.8	120197	AFRD55 – No Shutter
72"	G.Steel	PM	59,981	101908	22.32	37.9	4	200/230	3	11.2/9.6	19832	AFRV72 – No Shutter
72"	G.Steel	PM	59,981	101908	22.32	37.9	4	400/460	3	5.6/4.8	119927	AFRV72 – No Shutter
72"	Poly	PM	52841	89777	21.2	35.9	4	400/460	3	5.6/4.8	118126	AFRV72 – No Shutter
72"	Poly	PM	52841	89777	21.2	35.9	4	200/230	3	11.2/9.6	118127	AFRV72 – No Shutter

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: PPFS55.

Exhaust Rough Opening			
Fan Size	Housing Type	Rough Opening Width/Height	
		Inch	cm
12"	FRP Housing	20	50.8
16"	FRP Housing	23-3/4	60.3
20"	FRP Housing	27-3/4	70.5
24"	FRP Housing	31-3/4	80.65
24"	FRP Housing	31-3/4	80.65
36" with 3 phase motor	FRP Housing	43-3/4	111
36" with single phase motor	FRP Housing	43-3/4	111
36" with EC motor	V Housing	40	101.5
36" with AC motor	V Housing	40	101.5
55"	FRP Housing	59-1/2	151
55"	S Housing	59-3/4	151
55"	S Housing	59-3/4	151
55"	S Housing	59-3/4	151
72"	FRP Housing	78	198
72"	S Housing	78	198
72"	V Housing	83	211
72"	V Housing	83	211
72"	V Housing	83	211

Improve Hygiene, Production & Enrichment

Encourage hygiene, milk production, and environmental enrichment for your herd with the Mighty Moo, a powered cow brush from VES-Artex.

- **Durable bristles:** Made from high-quality materials, the bristles are designed to withstand frequent use.
- **Modular components:** Designed for easy assembly and installation, making it simple for your team to set up and integrate into your existing barn infrastructure.
- **Three-year mechanical warranty:** The brush mechanics come with a three-year warranty, providing peace of mind that your investment is protected.

Learn more on page 98.

Cattle Handling

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Automation

Cooling

Lighting

Biosecurity
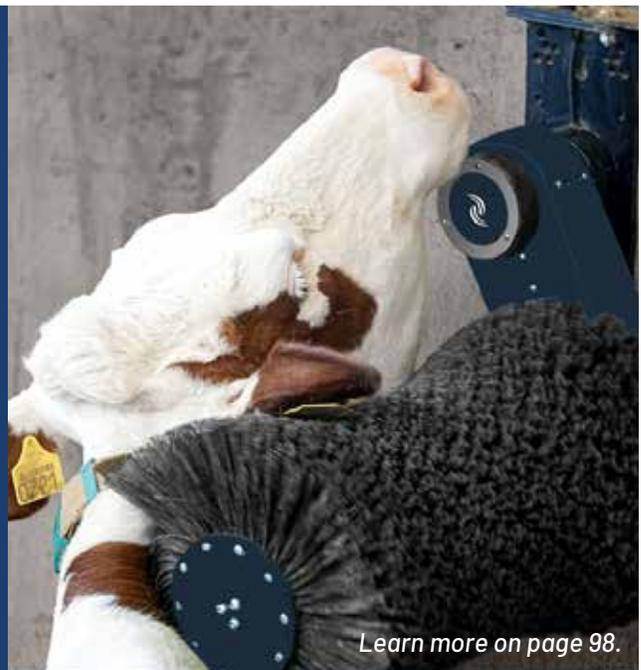
ALUMINUM SHUTTER EXHAUST FANS

The VES-Artex Shutter Exhaust Fan delivers dependable, high-performance ventilation for demanding environments where durability and airflow matter most. Designed for agricultural, horticultural, industrial, and commercial applications, these fans are ideal for factories, warehouses, garages, attics, barns, and greenhouses requiring reliable air exchange.

Built for long-term performance, each fan features corrosion-resistant shutters and a reinforced shutter tie bar that minimizes shutter flapping and prevents unnecessary opening. A fully enclosed CSA/CSA-US approved single-phase motor, precision-machined to less than 0.05 mm tolerance, reduces shaft play and enhances operational stability. Balanced silicon steel rotors minimize vibration and noise, while heavy-duty bearings are engineered to perform in extreme temperatures ranging from -40°F to 284°F.

Moisture-resistant rubber gaskets protect the motor seal, switch, and wiring connections, making these fans well-suited for harsh and humid conditions. Each unit ships fully assembled with a 9′ (2.7 m) power cord, allowing for fast, plug-and-play installation—no electrician required.

Available in single-speed or three-speed models, VES-Artex Shutter Exhaust Fans provide flexible airflow control. Single-speed models operate at full output or off, while three-speed models allow low, medium, or high operation to match ventilation demands.

Key Features

- Corrosion-resistant shutters with reinforced tie bar
- Fully enclosed CSA/CSA-US approved single-phase motor
- Precision-machined motor housing for reduced shaft play
- Balanced silicon steel rotors for quieter operation
- Bearings rated for -40°F to 284°F
- Moisture-resistant gaskets on motor, switch, and wiring
- Plug-and-play installation with 9′ power cord
- Single-speed or three-speed operation

Safety & Installation

- OSHA-compliant intake safety grill
- Exhaust side must be mounted a minimum of 7′ (2.1 m) above ground level

EXHAUST FANS
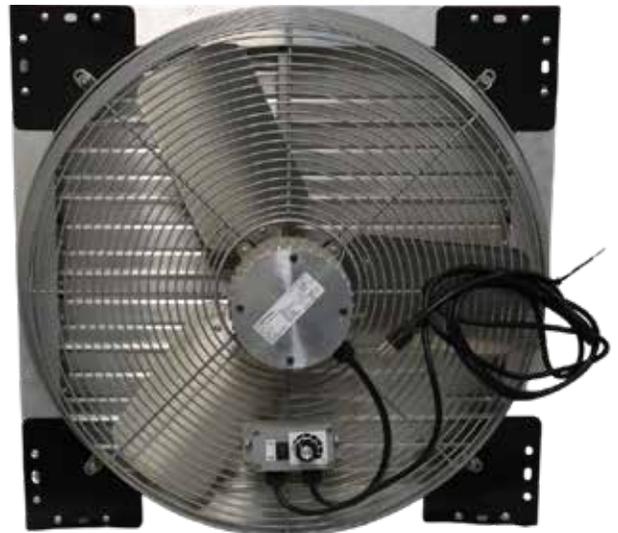
Fan Size	Item Number	Motor	Speed	Hz	Voltage	HP	Amps	RPM	CFM at 0.0 Static Pressure	CFM at 0.1 Static Pressure
							Hi/Med/Low	Hi/Med/Low	Hi/Med/Low	Hi/Med/Low
12"	101298	AC	3	60	115	1/10	0.9/0.7/0.6	1672/1585/1470	1000/940/880	800/750/570
16"	101301	AC	3	60	115	1/10	1.1/0.9/0.7	1650/1565/1454	1950/1890/1170	1560/1890/1170
20"	101303	AC	3	60	115	1/4	2.4/1.6/1.1	1570/1260/944	4251/3246/1620	3400/2596/1296
24"	101305	AC	3	60	115	1/4	2.8/1.8/1.3	1564/1242/903	4874/3596/1881	3899/2876/1504
12"	101308	AC	Variable	60	115	1/10	1.35		1,080 / 360	900 / 300
16"	101310	AC	Variable	50/60	115	1/10	50Hz: 0.91/0.77 60Hz: 1.75/1.42	1	1,890 / 660	1,575 / 550
20"	119433	EC	Variable	50/60	115	1/4	3.4/3.5	1620	2836	2,349
20"	101313	AC	Variable	60	115	1/3	4.2		4,500 / 1,575	3,750 / 1,315
24"	119434	EC	Variable	50/60	115	1/4	3.4/3.5	1620	3327	2,683
24"	101316	AC	Variable	60	115	1/3	4.94		5,625 / 1,970	4,690 / 1,640

Fan Size	Rough Opening	
	Inch	cm
12"	12.5" x 12.5"	31.75 x 31.75
16"	16.5" x 16.5"	41.91 x 41.91
20"	20.5" x 20.5"	52.07 x 52.07
24"	24.5" x 24.5"	62.23 x 62.23

Moisture Resistant Ceiling Fan
- J-Hook installation
- Variable speed
- Forward/Reverse
- Sealed motor

Available Colors

Available Diameters 56" 60"

LEARN MORE ON PAGE:18

CEILING FANS

VES-Artex Ceiling Fans are engineered to deliver consistent, efficient air circulation in agricultural, industrial, and commercial environments. Designed to move large volumes of air at low speeds, these fans help equalize temperature, reduce heat stress, and improve overall air quality—without creating disruptive drafts.

By gently circulating air throughout the space, ceiling fans support year-round comfort by destratifying warm air in colder months and enhancing evaporative cooling during warmer conditions. This balanced airflow improves cow comfort, reduces moisture buildup, and supports healthier living and working environments.

Built for durability, VES-Artex ceiling fans feature corrosion-resistant components, precision-balanced blades, and high-efficiency motors designed for continuous operation. Variable speed capability allows airflow to be fine-tuned for seasonal and facility-specific needs, while compatibility with VES-Artex control systems enables automated, energy-efficient operation.

Key Benefits

- Promotes uniform air distribution and temperature balance
- Helps reduce heat stress and moisture accumulation
- Improves air quality and occupant comfort year-round
- Variable speed operation for precise airflow control
- Durable construction for demanding agricultural environments
- Compatible with VES-Artex automation and control systems

Ideal Applications

- Freestall barns and livestock housing
- Holding areas and parlors
- Warehouses and equipment storage
- Industrial and commercial facilities with high ceilings

CEILING FAN CONTROLS

117905 F/R, 5 Speed, controls up to 4 DC ceiling fans.

103421 F/R, Variable Speed, controls up to 3 AC ceiling fans.

103419 Variable Speed, controls up to 3 AC ceiling fans.

103416 Variable Speed, controls up to 10 AC ceiling fans.

CEILING FANS

Item Number	Description	Motor Type	External Downrod Length	CFM	Wires
117698	56" Moisture Resistant F/R 120V, 60Hz (White)	DC	24"	8,168	3
117699	56" Moisture Resistant F/R 120V, 60Hz (Matte Black)	DC	24"	8,168	3
102601	56" Moisture Resistant F/R 120V, 60Hz (White)	AC	18"	5,344	4
102602	56" Moisture Resistant F/R 120V, 60Hz (Matte Black)	AC	18"	5,344	4
102605	60" Moisture Resistant F/R 120V, 60Hz (White)	AC	18"	5,797	4
102606	60" Moisture Resistant F/R120V, 60Hz (Matte Black)	AC	18"	5,797	4
117700	60" Moisture Resistant F/R 120V, 60Hz (White)	DC	24"	8,738	3
117701	60" Moisture Resistant F/R 120V, 60Hz (Matte Black)	DC	24"	8,738	3
118149	56" Outdoor Rated, Plug & Play 120V, 60Hz (White)	DC	30"	8,168	Not applicable
117702	60" Outdoor Rated, Plug & Play 120V, 60Hz (White)	DC	30"	8,738	Not applicable

GUIDELINES FOR SELECTING A CEILLING FAN

Ceiling Height (ft)	Fan Floor Area Coverage (sqft)	Fan Diameter	Recommended Fan
10' – 20'	600 – 1,200	56"	102601 102602 117698 117699 118149
20' +	1,200+	60'	117700 117701 117702

Note: OSHA guidelines require the lowest moving component of a fan must be at least 7' above the ground.

Moisture Resistant Ceiling Fan
- J-Hook installation
- Variable speed
- Forward/Reverse
- Sealed motor

Available Colors

Available Diameters
56" 60"

HVLS FANS

The VES-Artex High-Volume, Low-Speed (HVLS) Fan is engineered to deliver powerful, energy-efficient air movement across large interior spaces. Designed for demanding agricultural, industrial, and commercial environments, this HVLS fan creates consistent airflow that improves temperature uniformity, reduces heat stratification, and enhances comfort without high operating costs.

At the core of the system is an external rotor permanent magnet motor, delivering industry-leading torque, efficiency, and long-term reliability. When paired with a VES-Artex analog or wireless VFD, the HVLS fan provides a durable, energy-saving airflow solution built for continuous use.

VES-Artex expanded its HVLS lineup with a new 20-foot, 5-blade HVLS fan, designed to deliver powerful, energy-efficient air movement across large agricultural and industrial spaces. HVLS fans provide consistent airflow at speeds up to 100 RPM, helping improve temperature uniformity, reduce heat stress, and enhance overall comfort.

Key Features

- High-efficiency HVLS airflow for large spaces
- Precision-balanced blades for smooth, stable operation
- Variable speed control for customized airflow
- Low-noise design
- Heavy-duty construction for continuous operation

Low-Maintenance Design

With no gearbox or oil, and a double-bearing system that is permanently sealed, the VES-Artex HVLS fan is maintenance-free on the drive side. Routine upkeep is limited to wiping dust buildup from the blades approximately every six months to maintain balance and performance.

Item Number	Description
118567	Fan, HVLS, 24ft Z-Tech Fan, 5-Blade, 460V, 3PH, 50/60 Hz, 2.0HP, 3.5A, 55 RPM, VFD Not Included
118569	Fan, HVLS, 24ft Z-Tech3 Fan, 3-Blade, 460V, 3PH, 50/60 Hz, 1.5HP, 2.0A, 51 RPM, VFD Not Included
118571	Fan, HVLS, 20ft Z-Tech Fan, 5-Blade, 460V, 3PH, 50/60 Hz, 2.0HP, 3.5A, 66 RPM, VFD Not Included
120240	Fan, HVLS, 20ft, 5-Blade, 200/230V, 3PH, 50/60 Hz, 1.5HP, 4.4A, 62 RPM, VFD Not Included
119536	Fan, HVLS, 12ft Z-Tech Fan, 5-Blade, 460V, 3PH, 50/60 Hz, 2.0HP, 2.65A, 100 RPM, VFD Not Included
119552	Fan, HVLS, 12ft Z-Tech3 Fan, 3-Blade, 460V, 3PH, 50/60 Hz, 1.5HP, 2.0A, 90 RPM, VFD Not Included
119553	Fan, HVLS, 12ft ConZumer Fan, 3-Blade, 100/120V, 1PH, 50/60, 1.0HP, 12A, 90RPM, VFD Not Included

Mounting Style: Universal I-Beam Clamp. Down rod length: 1'(0.3m). Each purchase includes 4 safety straps with a total strength of 16,000lbs.

HIGH VELOCITY BASKET FANS

VES-Artex High-Velocity Basket Fans deliver focused, high-speed airflow for targeted cooling and air movement in demanding agricultural environments. Designed as powerful circulation fans, they provide immediate air velocity where it's needed most—helping improve comfort, reduce heat stress, and maintain better air quality in high-traffic areas.

Constructed from high-grade steel with zinc plating and a durable powder-coated finish, these basket fans are built to withstand corrosion and continuous use in harsh barn conditions. Sealed motors and precision-balanced silicon steel rotors ensure strong performance with reduced vibration and quieter operation, extending the life of the fan while maintaining consistent airflow.

High-Velocity Basket Fans are ideal as supplemental ventilation in hallways, milking parlors, entrances, offices, and other localized areas where directional air movement is required. Each fan includes a mounting bracket for straightforward installation and is available for convenient online purchase.

Key Benefits

- High-speed, targeted airflow for localized cooling
- Durable, corrosion-resistant steel construction
- Sealed motors designed for agricultural environments
- Reduced vibration and noise through balanced rotors
- Easy installation with included mounting brackets
- Available for online purchase

Fan Size	Item Number	Description	Hertz	Phase	Voltage	Horsepower	Full Load Amps	Revolutions Per Minute	Airflow
			Hz	Ph	V	HP	A	RPM	CFM
12"	101241	12" High Velocity Basket Fan w/ cord	60	1	115/230	10-Jan	1.3	1725	1,020
20"	101243	20" High Velocity Basket Fan w/ cord	50/60	1	115/230	3-Jan	4.91/2.4 4.43/2.16	1450/1725	3,560
24"	101247	24" High Velocity Basket Fan w/ cord	60	1	115/230	2-Jan	2.59	1725/1450	4,790
36"	101253	36" High Velocity Basket Fan	50/60	3	190/380 230/460	1/2- 1/3	2.4/1.2 2.6/1.3	715/825	9,430
36"	101254	36" High Velocity Basket Fan	60	1	115/230	2-Jan	6.1/3.09	825	9,230

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MOISTURE RESISTANT BASKET FANS

CLOSED GUARD STYLE
102576

CLOSED GUARD STYLE
102578

OPEN GUARD STYLE
102577

VES-Artex 18" Moisture-Resistant Basket Fans are plug-and-play circulation solutions designed for harsh agricultural, horticultural, and industrial environments. Built for durability and dependable performance, these fans deliver powerful, focused airflow in areas exposed to moisture, dust, and demanding conditions.

Each fan features a totally enclosed direct-drive motor with sealed bearings, heavy-duty metal construction, and a corrosion-resistant powder-coated finish. Moisture-resistant rubber gaskets protect the switch and wiring connections, helping extend the fan's service life. Approved for outdoor use when connected to a GFI outlet, these fans are well-suited for year-round operation.

Highly versatile, moisture-resistant basket fans can be used in barns, greenhouses, gyms, garages, workshops, and industrial spaces to provide targeted air movement exactly where it's needed. Fans can be operated using the integrated three-speed pull chain or connected to a plug-in thermostat control for automated airflow management.

An adjustable wall and ceiling mounting bracket allows the fan to pivot up to 140°, providing flexible installation and directional control. Each unit includes a 9' (2.7 m) power cord for easy setup.

Key Features

- Plug-and-play design for quick installation
- Totally enclosed direct-drive motor with sealed bearings
- Heavy-duty, powder-coated metal construction
- Moisture-resistant gaskets for switch and wiring protection
- Outdoor-rated for use with GFI outlets
- Three-speed control via pull chain or optional thermostat automation
- Adjustable wall/ceiling mount pivots up to 140°
- Includes 9' power cord

Compliance & Options

- Closed-guard models are OSHA compliant
- Available in black or white
- Open-guard models available (not OSHA compliant)

Fan Size	Item Number	Description	Hertz	Voltage	Horsepower
			Hz	V	HP
18"	102576	18" Moisture Resistant Basket Fan w/cord, White	60	120	10-Jan
18"	102578	18" Moisture Resistant Basket Fan w/cord, Black	60	120	10-Jan
18"	102577	18" Moisture Resistant Basket Fan w/cord, Black, Open Guard	60	120	10-Jan

BIRD BLOCKER

Birds in livestock facilities pose serious risks—from disease transmission and feed contamination to equipment damage and increased cleaning labor. VES-Artex Bird Blocker is a durable, low-profile mesh system designed to keep birds out of barns without restricting airflow or natural light.

Engineered specifically for agricultural environments, Bird Blocker installs easily in ridge openings, sidewall gaps, and other common bird entry points. The heavy-duty mesh creates an effective physical barrier while maintaining proper ventilation, helping protect herd health and preserve barn cleanliness.

Bird Blocker supports strong biosecurity protocols by reducing exposure to pathogens carried by birds and minimizing feed loss caused by contamination. Its corrosion-resistant materials are built to withstand harsh barn conditions, ensuring long-term performance with minimal maintenance.

Key Benefits

- Prevents birds from entering barns and facilities
- Reduces risk of disease transmission and feed contamination
- Maintains airflow and natural ventilation performance
- Durable, corrosion-resistant construction for long service life
- Low-profile design integrates seamlessly into new or existing barns
- Simple installation with minimal disruption

VES-Artex Bird Blocker is a smart, proactive solution for protecting your facility, improving biosecurity, and maintaining a cleaner, healthier environment for livestock—without compromising ventilation efficiency.

Item Number	Description	Height		Length	
		Feet	Meters	Feet	Meters
115510	4' Mesh Panel (1.2m)	4	1.2	100	30.4
115511	6' Mesh Panel (1.8m)	6	1.8	100	30.4
115512	8' Mesh Panel (2.4m)	8	2.4	100	30.4

ROLLED CURTAINS

VES-Artex Rolled Curtain Systems give producers precise, reliable control over natural ventilation—working with Mother Nature while allowing you to take control when and where it matters most. Designed to regulate airflow, temperature, and weather exposure, these curtain systems help create a consistent, animal-centered environment year-round.

Manufactured from durable clear poly material, VES-Artex curtains provide excellent protection from wind, rain, snow, and extreme temperatures while still allowing natural daylight into the barn. All system configurations are built using corrosion-resistant aluminum roll tubes, roll tube splices, and top support keder strips to ensure long service life in demanding agricultural environments.

The aluminum extrusion tube and telescoping arm work together to keep the curtain rolling straight and tight—even after years of operation. A direct-drive motor with sealed internal limit switches ensures dependable, precise positioning. Both power and manual drive options are self-braking and can be mounted in fixed or climbing orientations, offering flexible installation across a wide range of facility designs.

VES-Artex Rolled Curtains can be integrated with automated control systems to provide hands-off ventilation management. For climbing applications, curtain drums utilize wire cables to remove stress from the curtain material, extending system life and performance.

System Configurations

- Top-opening down – single or double roll
- Bottom-opening up – single or double roll

Key Benefits

- Precise control of airflow, temperature, and weather exposure
- Clear poly material allows natural daylight while blocking the elements
- Corrosion-resistant aluminum components for long-term durability
- Direct-drive motor with sealed internal limit switches
- Self-braking power and manual drive options
- Flexible mounting orientations for retrofit or new construction
- Compatible with automated control systems
- Reduced curtain stress in climbing applications

VES-Artex Rolled Curtain Systems deliver dependable performance, flexibility, and longevity—helping producers maintain consistent ventilation, improve animal comfort, and protect their facility in every season.

Item Number	Width		Length	
	Ft	m	Ft	m
115510	4	1.2	100	30.4
115511	6	1.8	100	30.4
115512	8	2.4	100	30.4

VENTILATION

EC MOTORS

Cattle Handling

Calf Care

Automation

Cooling

Lighting

Biosecurity

EC MOTORS

Smarter Power. Precision Control. Less Waste.

EC motors don't just move air, they redefine efficiency.

Built with permanent magnets and advanced onboard electronics, EC (Electronically Commutated) motors convert AC power to DC internally, delivering precise, responsive airflow at any speed. No belts. No slip. No wasted energy.

Unlike traditional AC motors, EC motors operate synchronously, meaning performance stays consistent across a wide operating range. The result? More airflow per watt, instant response to environmental changes, and dramatically lower operating costs.

Why EC Motors Win

- Maximum Efficiency: High efficiency across low, medium, and high speeds.
- Built-In Intelligence: Integrated electronics deliver precise, variable speed control.
- Lower Energy Use: Less power in. More work out.

- Reduced Maintenance: No belts, fewer wear components, longer service life.
- Instant Response: Parallel communication allows faster adjustment to real-world conditions.

When airflow matters — and energy costs do too — EC motors deliver control without compromise.

**This isn't incremental improvement.
It's a smarter way to move air.**

| Fan Size | Blade | Motor | Thrust LBS | Air Flow Rate | | Fan Efficiency | | Horsepower | Voltage | Phase | Full Load Amps | Item Number | Description |
| | | | | Imperial | Metric | Imperial | Metric | | | | | | |
				Thrust CFM	Thrust M^3/hr	Thrust CFM/W	Thrust (m^3/hr)/W	HP	V	Ph	A		
50"	G. Steel	EC	21	20800	35339	22	37.3	1.5	230	1	9	119716	BLT50 EC
50"	G. Steel	EC	20	22900	38907	19	32.3	1.5	230	3	8.4	119917	BLT50 EC
50"	G. Steel	EC	27.7	19600	33301	30.8	52.3	1.5	230	1	8.4	115308	BLT50 EC HE
50"	G. Steel	EC	21.3	20800	35339	22.3	37.9	1.5	230	3	8.4	119918	BLT50 EC HE
50"	G. Steel	EC	21.9	24500	41626	19.4	33.0	1.5	460	3	2.4	118349	BLT50 EC
50"	G. Steel	EC	27.7	19700	33471	30.5	51.8	1.5	460	3	2.4	115309	BLT50 EC HE
55"	G. Steel	EC	27.7	19700	33471	30.5	51.8	2	200/230V	3	5.6/4.8	119920	BLT55 EC
55"	G. Steel	EC	21.5	30600	51990	18.6	31.6	2	460	3	4.8	118687	BLT55 EC
55"	G. Steel	EC	19.8	25000	42475	21	35.7	2	460	3		119715	BLT55 EC
36"	G. Steel	EC	19.2	12400	21068	17.5	29.7	0.9	220/277	1	6.2/5.6	105293	ECVV36

CATTLE HANDLING

CATTLE HANDLING SOLUTIONS BUILT FOR PERFORMANCE AND LONGEVITY

VES-Artex provides a comprehensive range of cattle handling and housing solutions designed to improve cow comfort, enhance workflow efficiency, and withstand the demands of modern livestock facilities. From freestall systems to waterers and handling equipment, each product is engineered with durability, animal welfare, and ease of use in mind.

FREESTALL SYSTEMS & COMPONENTS

VES-Artex freestall systems are engineered using hot-dipped galvanized steel to deliver long-lasting performance in harsh barn environments. Stall dividers, briskets, shoulder bars, and mounting options are designed to promote proper cow positioning, improve lying behavior, and support overall herd comfort. A wide range of clamps, rails, pipes, posts, and hardware allow systems to be configured for new builds or retrofits.

Feed Fronts & Head Catches

VES-Artex feed fronts and head catches are available in non-locking, self-locking, and quick-release designs, providing safe and efficient access during feeding, health checks, and routine management. Built from high-strength steel, these systems reduce animal stress while improving labor efficiency at the feed line.

Gates, Fencing & Cattle Flow Control

A full lineup of adjustable gates, bifold gates, fences, cattle guards, and head catches allows producers to manage animal movement safely and efficiently. Modular designs make it easy to adapt layouts as herd size or facility needs change, while durable construction ensures long-term reliability.

Flooring, Manure Management & Embedments

VES-Artex manure grates and embedments are engineered to handle heavy traffic while supporting cleanliness and traction. These solutions help improve drainage, reduce buildup, and create safer walking surfaces for both cattle and staff.

Watering Systems

The Aqua Dump Water Trough line delivers reliable access to clean, fresh water with fast-dump cleaning capabilities that reduce labor and improve hygiene. Available in multiple sizes and configurations, Aqua Dumps support hydration needs across pens, crossovers, and high-traffic areas.

Cow Comfort & Enrichment

VES-Artex cow brushes are designed to encourage natural grooming behavior, reduce stress, and improve overall cow well-being. Durable construction and long service life make them a dependable addition to freestall barns and holding areas.

Built to Work Together

All VES-Artex cattle handling products are designed to integrate seamlessly, creating cohesive systems that improve cow comfort, facility efficiency, and long-term durability. Whether outfitting a new barn or upgrading an existing operation, VES-Artex delivers solutions that support productive, well-managed herds.

FINISHES

Built to Last in the Harshest Environments

The finish on cattle handling equipment is not just about appearance, it is critical to long-term durability, animal safety, and corrosion resistance. VES-Artex finishes are engineered to withstand the moisture, manure gases, cleaning chemicals, and daily wear found in livestock facilities.

Every VES-Artex finish is selected to extend service life, reduce maintenance, and protect your investment for years to come.

Hot-Dipped Galvanized Steel

The gold standard for livestock equipment protection. Each component is fully submerged in molten zinc, forming a thick, bonded coating that protects against rust and corrosion, even in high-moisture barns.
- Long-term corrosion resistance
- Protects inside and outside of tubing
- Ideal for dairy, beef, swine, and poultry environments
- Minimal maintenance required

Zinc-Plated Hardware

Used on bolts, fasteners, and accessories where precise fit is required.
- Smooth, clean appearance
- Corrosion protection for indoor livestock use
- Consistent fastening performance

Stainless Steel

For highly corrosive areas such as wash bays, milking parlors, and sanitation zones.
- Maximum corrosion resistance
- Easy to clean and sanitize
- Ideal for high-moisture and chemical wash environments

Powder-Coated Options

Adds an extra layer of protection and visual identification.
- Enhanced surface durability
- Chip-resistant coating
- Custom color options available

Why Finish Matters

- Extends product life
- Reduces replacement and maintenance costs
- Improves safety by preventing sharp rust edges
- Protects your investment in every season

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

FREESTALLS

FREESTALL SYSTEMS

A dairy cow's day centers around four essential activities: eating and drinking, social interaction, milking, and rest. Rest is especially critical to milk production. Research shows that approximately 882–1,102 lbs (400–500 kg) of blood must flow through the udder to produce just 2.2 lbs (1 kg) of milk.

Simply put, the more time cows spend lying down comfortably, the greater their production potential.

VES-Artex freestall systems are designed to deliver exceptional cow comfort while supporting efficient herd management. With wide-open stall fronts and one of the most open stall designs on the market, these systems provide a welcoming resting space that allows cows to lie naturally in all resting positions while maintaining proper indexing.

Natural resting positions shown from left to right: long, short, wide, narrow.

Built for flexibility, VES-Artex freestalls integrate seamlessly into new construction or retrofit applications. Multiple configurations and mounting options ensure a solution for virtually any barn layout or management style. The result is improved lying time, reduced stress, and a freestall system that supports consistent, long-term production.

FREESTALL DIMENSIONS

Dimension Area	ID on Image@Right	Imperial	Metric
Platform Length	A	180" – 216"	4500mm – 5500mm
Bed Length	B	102" – 108"	2600mm – 2750mm
Shoulder Bar to Curb	C	67.2" – 72"	1720mm – 1830mm
Bed to Shoulder Bar	D	48" – 51.6"	1220mm – 1300mm
Loop to Curb	E	8" – 14"	230mm – 355mm
Stall Width	Not Pictured	47" – 49"	1200mm – 1250mm
Bed Slope	G	2% – 3%	

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

Open Front

Encourages natural lying and rising behavior by giving cows the freedom to move comfortably when standing up or laying down.

Horizontal Top

Allows precise shoulder bar length adjustments without changing overall divider height—maintaining consistent stall geometry.

Easier Exit

A sloped top design helps cows turn sooner and exit stalls smoothly, reducing hesitation and congestion.

Closed Loop

Prevents cows from turning around in the stall, promoting proper positioning and cleaner bedding.

Optimal Loop Length

Available in multiple lengths to achieve the correct loop-to-curb measurement for proper cow indexing and comfort.
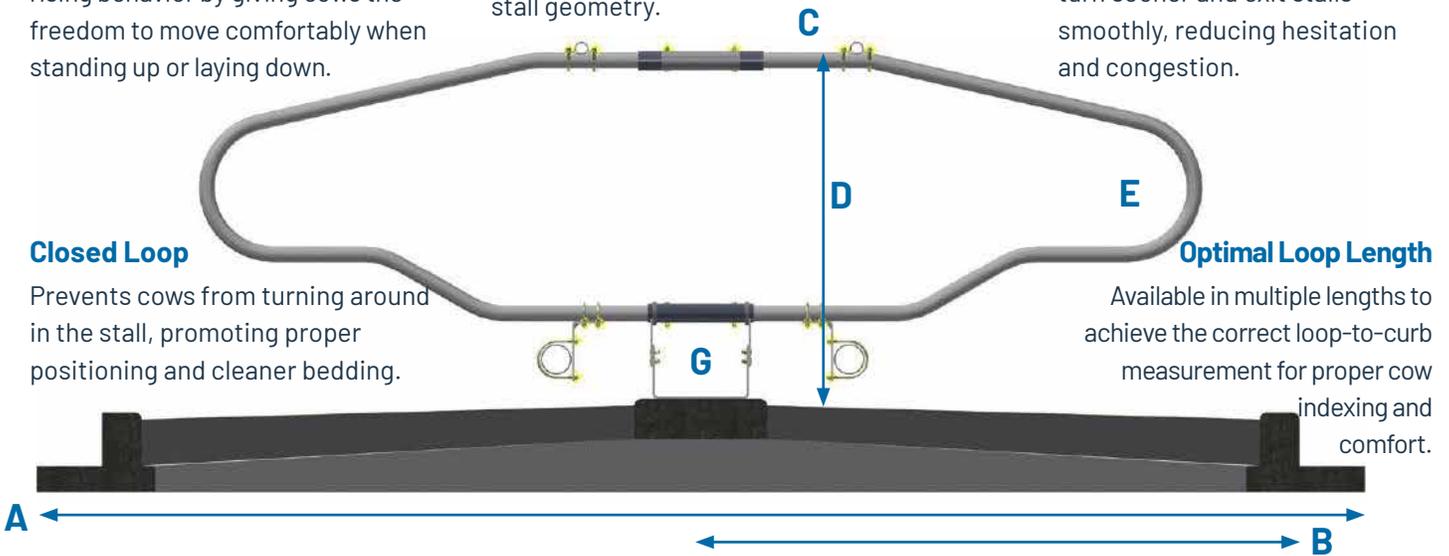
High Cantilever

Creates additional space at the hip and pin bone area, allowing cows to rest more naturally and comfortably.

Low Side Lunge

Provides full 360° head movement for lying, grooming, and side lunging—supporting natural resting behaviors.

Transition Drop

A gradual drop from a higher rear to a lower front helps guide cows into a straight, natural lying position.

MATURE COWS

Y2K

J2K

SY2K

H2K

YOUNG STOCK

H2K

Young Stock

FREESTALL SYSTEMS

MATURE COW HOLSTEIN | Y2K | HOT DIPPED

Image	Item Number	Description	Overall Length (Non-Functional)		Mounting with Top to Bottom Holes (Functional)		Mounting with Side to Side Holes (Functional)	
			Inch	mm	Inch	mm	Inch	mm
	106224	74-5/8" (1895mm) Y2K Stall Divider 2-3/8" (60mm) OD	74-5/8	1895	70-3/8	1787	72-7/8	1830
	106225	81-1/4" (2064mm) Y2K Stall Divider 2-3/8" (60mm) OD	81-1/4	2064	77	1956	78-5/8	1999
	106226	88" (2237mm) Y2K Stall Divider 2-3/8" (60mm) OD	88-1/16	2237	83-4/5	2129	85-1/2	2172
	106250	95-7/8" (2436mm) Y2K Stall Divider 2-3/8" (60mm) OD	95-7/8	2438	91-5/8	2328	93-3/8	2371

All Y2K Stall Dividers 2 3/8" (60mm) OD Pipe with 1/8" (3mm) wall thickness and 38" (965.2mm) stall divider height from center to center. When mounting using Top to Bottom holes deduct 108mm (4-1/4"). When mounting with Side to Side holes deduct 65.1mm (2 9/16").

MATURE COW JERSEY | J2K | HOT DIPPED

Image	Item Number	Description	Overall Length (Non-Functional)		Mounting with Top to Bottom Holes (Functional)		Mounting with Side to Side Holes (Functional)	
			Inch	mm	Inch	mm	Inch	mm
	106251	74-5/8" (1895mm) Y2K Stall Divider 2-3/8" (60mm) OD	74-3/4	1901	70-1/2	1793	72-1/4	1836
	106252	81-1/4" (2064mm) Y2K Stall Divider 2-3/8" (60mm) OD	81-5/8	2074	77-3/8	1966	79-1/16	2009
	106253	88" (2237mm) Y2K Stall Divider 2-3/8" (60mm) OD	88-3/8	2246	84-3/16	2138	85-7/8	2181
	107126	95-7/8" (2436mm) Y2K Stall Divider 2-3/8" (60mm) OD	94-3/8	2399	90-3/16	2291	91-7/8	2334

All J2K Stall Dividers 60mm (2 3/8") OD Pipe with 3mm (1/8") wall thickness and 864mm (34") stall divider height from center to center.

MATURE HEIFER SAND BEDDING | SY2K | HOT DIPPED

Image	Item Number	Description	Overall Length (Non-Functional)		Mounting with Top to Bottom Holes (Functional)		Mounting with Side to Side Holes (Functional)	
			Inch	mm	Inch	mm	Inch	mm
	107343	75" (1905mm) SY2K Stall Divider 2-3/8" (60mm) OD	75	1905	70-3/4	1797	72-7/16	1840
	107324	81" (2059mm) SY2K Stall Divider 2-3/8" (60mm) OD	81	2059	76-13/16	1951	78-1/2	1994
	107747	92" (2337mm) SY2K Stall Divider 2-3/8" (60mm) OD	92	2337	87-3/4	2228	89-7/16	2271

All SY2K Stall Dividers 2 3/8" (60mm) OD Pipe with 1/8" (3mm) wall thickness and 19 7/16" (494mm) stall divider height from center to center.

HEIFER | H2K | HOT DIPPED

Image	Item Number	Description	Overall Length (Non-Functional)		Mounting with Top to Bottom Holes (Functional)		Mounting with Side to Side Holes (Functional)	
			Inch	mm	Inch	mm	Inch	mm
	107018	63" (1601mm) H2K Stall Divider	63	1601	58-3/4	1493	60-7/16	1536
	106949	77" (1956mm) H2K Stall Divider	77	1956	72-1/4	1848	74-7/16	1891
	107063	82" (2083mm) H2K Stall Divider	82	2083	77-3/4	1975	79-7/16	2018
	107125	94" (2393mm) H2K Stall Divider	94	2393	89-3/4	2285	91-5/8	2328

All H2K Stall Dividers 2-3/8" (60mm) OD Pipe 3mm (1/8") wall thickness and 30" (762mm) stall divider height from center to center.

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

BIORAIL FREESTALL MOUNTING SYSTEM

Strength, Flexibility, and Long-Term Performance

The VES-Artex BioRail Freestall Mounting System is our most popular freestall solution. Designed for durability, strength, and adaptability, BioRail delivers a versatile mounting platform that supports long-term cow comfort while simplifying installation and future adjustments.

This twin-rail system allows for both height and width adjustments even after installation, giving producers the flexibility to fine-tune stall dimensions as herd needs change. Whether managing different ages, breeds, or animal sizes within the same facility, BioRail adapts with your operation.

"We were sold on the angularity of the stalls. As cows back up they don't damage or hurt themselves. Forward lunging or side-to-side, there's plenty of room with those BioRails for cows to naturally get up comfortably."
- Kurt Weirda, General Manager,
Plymouth Dairy Farm and Perry Creek Dairy

Ideal for sand and compost bedding systems, BioRail keeps all steel mounting components out of the bedding, significantly reducing corrosion risk and extending system life. It also minimizes the need for concrete in the stall area helping reduce construction costs and installation labor.

Key Benefits

- No steel mounts in bedding to reduce corrosion and extend system life
- Mounts directly to building columns, eliminating unnecessary concrete
- Saves on labor and concrete costs during installation
- Wide variety of clamp and mounting options for customized layouts
- Compatible with all bedding types, including sand and compost

BioRail is built for producers who want flexibility today—and adaptability for tomorrow—without compromising durability or cow comfort.

STALL DIVIDERS

Y2K	J2K	SY2K	H2K

BioRail Freestall T-Posts for 3" (76mm) Rails

Image	Item Number	Description	Divider Style	Configuration	Rail Size		QTY/Kit
					inch	mm	
	106564	BioRail T-Post Connector	J2K	H2H	3	76	Kit (1 Connector/Hdw)
	106554	BioRail T-Post Connector	Y2K	H2H	3	76	Kit (1 Connector/Hdw)
	107069	BioRail T-Post Connector	SY2K	H2H	3	76	Kit (1 Connector/Hdw)
	106566	BioRail T-Post Connector	J2K	Single Row	3	76	Kit (1 Connector/Hdw)
	106565	BioRail T-Post Connector	Y2K	Single Row	3	76	Kit (1 Connector/Hdw)
	107118	BioRail T-Post Connector	SY2K	Single Row	3	76	Kit (1 Connector/Hdw)

BioRail Freestall Clamps

Image	Item Number	Description	Divider Style	Post Size		Stall Divider		QTY/Kit
				inch	mm	inch	mm	
	106600	Clamp On Sleeve Mount for BioRail	H2H	3-1/2	89	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106658	Clamp On Sleeve Mount for BioRail	H2H	4	102	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106629	Clamp On Sleeve Mount for BioRail	H2H	4-1/2	114	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106597	Clamp On Sleeve Mount for BioRail	H2H	5-1/2	141	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106598	Clamp On Sleeve Mount for BioRail	H2H	6-5/8	168	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106599	Clamp On Sleeve Mount for BioRail	H2H	8-5/8	219	60	2/3/2008	Kit (2 x Asmbly/Hdw)
	106683	Clamp On Sleeve Mount for BioRail	Single Row	3-1/2	89	60	2/3/2008	Kit (2 x Asmbly/Hdw)

Post Mounting Clamps & Brackets | Hot Dipped for 3" (76mm) Rails

Image	Item Number	Description	Post Size		U-Bolt Size		QTY/Kit
			inch	mm	inch	mm	
	107342	Mounting Clamp	3	76	3	76	Kit (1 x Brkt/Hdw)
	106604	Mounting Clamp	3-1/2	89	3	76	Kit (1 x Brkt/Hdw)
	106630	Mounting Clamp	4	102	3	76	Kit (1 x Brkt/Hdw)
	106562	Mounting Clamp	4-1/2	114	3	76	Kit (1 x Brkt/Hdw)
	106601	Mounting Clamp	5-9/16	141	3	76	Kit (1 x Brkt/Hdw)
	106602	Mounting Clamp	6-5/8	168	3	76	Kit (1 x Brkt/Hdw)
	106603	Mounting Clamp	8-5/8	219	3	76	Kit (1 x Brkt/Hdw)
	106953	Mounting Clamp	4 x 4	102 x 102	3	76	Kit (1 x Brkt/Hdw)
	106965	Mounting Clamp	5 x 5	127 x 127	3	76	Kit (1 x Brkt/Hdw)
	106646	Mounting Clamp	6 x 6	152 x 152	3	76	Kit (1 x Brkt/Hdw)
	106641	Bio-Rail Square Post Bracket (Plate Style) for Mounting Rail - 3" (76mm) Rail for 2-3/8" (60mm) Stall	Wood		N/A	N/A	Kit (2 x Brkt/Hdw)
	106640	Bio-Rail Square Post Bracket for Mounting Rail - 3" (76mm) Rail for 2-3/8" (60mm) Stall	Wood		N/A	N/A	Kit (1 x Brkt/Hdw)
	106986	Bio-Rail End Support - Extra Long	N/A		N/A	N/A	1 per kit

Call **888-622-2999** to order or visit **ves-artex.com** for more info. | 35

FLOOR MOUNT FREESTALL SYSTEM

Open Design. Proven Comfort. Built to Last.

The VES-Artex Floor Mount Freestall System is engineered to support natural cow movement while delivering long-term durability in demanding barn environments. With unobstructed lunge space and open loop geometry, this system allows cows to lie down, rise, and rest comfortably—supporting proper positioning and extended resting time.

Designed to anchor directly into existing concrete, the floor mount system eliminates the need for posts or columns within the stall area. This reduces building complexity, lowers installation costs, and creates a clean, open stall layout. While optimized for use with mattresses, the system is fully compatible with all bedding materials, including deep bedding applications.

Height-adjustable mounting allows producers to tailor stall dimensions to the age, breed, and size of animals, making this system a flexible solution for both new construction and retrofits.

All components are hot-dipped galvanized and pair seamlessly with VES-Artex stall dividers, ensuring exceptional corrosion resistance, structural integrity, and long service life.

Key Features & Benefits

- Unobstructed lunge space for natural cow movement
- Mounts directly to existing concrete—no posts or columns required
- Compatible with mattresses, deep bedding, and all bedding types
- Height-adjustable for customized stall sizing
- Works with VES-Artex freestall loops and dividers
- Easy installation and long-term durability
- Hot-dipped galvanized for superior corrosion resistance

Floor Mount Stall Dividers

Y2K

J2K

H2K

Bracket Styles

Adjustable H2H

Adjustable Single Row

2-3/8" (60 MM) STALL DIVIDER | ADJUSTABLE BRACKETS | HOT DIPPED

Image	Item Number	Description	Stall Divider Style	Overall Length		Min Height		Max Height		QTY/Kit
				Inch	mm	Inch	mm	Inch	mm	
	106233	Floor Mount	H2H	15-7/8	403	11-7/16	291	14-3/16	361	Kit (1 Top Brkt – 1 Bottom Brkt/Hdw)
	106582	Floor Mount	H2H	15-7/8	403	14-7/16	367	17-3/16	437	Kit (1 Top Brkt – 1 Bottom Brkt/Hdw)
	106244	Floor Mount	Single Row	10	254	11-7/16	291	14-3/16	361	Kit (1 Top Brkt – 1 Bottom Brkt/Hdw)
	106650	Floor Mount	Single Row	10	254	14-7/16	367	17-3/16	437	Kit (1 Top Brkt – 1 Bottom Brkt/Hdw)

2-3/8" (60 MM) STALL DIVIDER | TOP PIPE | HOT DIPPED

Image	Item Number	Description	Length		QTY/Kit
			Inch	mm	
	106623	Top Pipe for Floor Mount Bracket for 2-3/8" (60mm) Stall	15-7/8	403	Kit (1x Assembly hardware)
	106462	Top Pipe w/Cross Rail Bracket for Floor Mount Bracket for 2-3/8" (60mm) Stall	15-7/8	403	Kit (1x Assembly hardware)

COMPONENTS | ZINC PLATED

Image	Item Number	Description	Diameter		Length		QTY/Kit	Utilized with
			Inch	mm	Inch	mm		
	106490	Kwik Bolt Wedge Anchor	1/2	12	3-15/16	100	Kit (1 x Wedge Bolt)	Floor mounts, end supports, aqua dumps, guard pipe, calf zones
	106427	Threaded Rod Assembly	1/2	12	5-1/4	133	Kit (2 x Rod /Hdw)	Cemented in floor mounts. Hilti glue must be supplied by customer.

POST MOUNT FREESTALL SYSTEM

Flexible Installation. Reliable Performance. Built for Any Facility.

The VES-Artex Post Mount Freestall System offers a versatile, cost-effective solution for both new construction and retrofit dairy facilities. Designed to mount directly into concrete, this system provides a stable foundation while allowing height adjustments after installation—giving producers the flexibility to fine-tune stall dimensions as herd needs change.

With compatibility across all VES-Artex stall dividers, the post mount system adapts easily to a wide range of barn layouts. A comprehensive selection of mounting clamps accommodates both round and square posts, making it an ideal choice for facilities with varied structural designs.

Built for long-term performance, all structural components are hot-dipped galvanized to protect against corrosion in high-moisture barn environments. Zinc-plated hardware comes standard, with stainless steel hardware available upon request for additional durability.

The open front design encourages easy entry and exit, supporting natural cow movement while maintaining proper positioning within the stall.

Key Features & Benefits

- Mounts directly into concrete for a stable, secure installation
- Height-adjustable after installation for customized stall sizing
- Open front design promotes natural cow movement and easy access
- Compatible with all VES-Artex loop styles and stall dividers
- Wide variety of clamp and mount options for round or square posts
- Suitable for all bedding types
- Hot-dipped galvanized components for long service life
- Zinc-plated hardware standard; stainless steel available upon request

Bracket Styles

H2H SC-2 CLAMP

SINGLE ROW SC-1 CLAMP

Post Mount Stall Dividers

| Y2K | J2K | SY2K | H2K |

2-3/8" (60 MM) STALL DIVIDER | SC CLAMP | HOT DIPPED

Image	Item Number	Description	Configuration	Post Size		Divider Diameter		QTY/Kit
				Inch	mm	Inch	mm	
	107470	SC-1 Mounting Clamp	Single Row	2-3/8	60	2-3/8	60	Kit (2 x Clamp/Hdw)
	106464	SC-1 Mounting Clamp	Single Row	2-7/8	73	2-3/8	60	Kit (2 x Clamp/Hdw)
	106492	SC-1 Mounting Clamp	Single Row	3	76	2-3/8	60	Kit (2 x Clamp/Hdw)
	107644	SC-1 Mounting Clamp	Single Row	3-1/2	89	2-3/8	60	Kit (2 x Clamp/Hdw)
	118018	SC-1 Mounting Clamp	Single Row	4	102	2-3/8	60	Kit (2 x Clamp/Hdw)
	106463	SC-2 Mounting Clamp	H2H	2-3/8	60	2-3/8	60	Kit (2 x Clamp/Hdw)
	106465	SC-2 Mounting Clamp	H2H	2-7/8	73	2-3/8	60	Kit (2 x Clamp/Hdw)
	106520	SC-2 Mounting Clamp	H2H	3	76	2-3/8	60	Kit (2 x Clamp/Hdw)
	107276	SC-2 Mounting Clamp	H2H	3 ½	89	2-3/8	60	Kit (2 x Clamp/Hdw)
	106047	SC-2 Mounting Clamp	H2H	4	102	2-3/8	60	Kit (2 x Clamp/Hdw)

2-3/8" (60 MM) STALL DIVIDER | WOOD POST CLAMP | HOT DIPPED

Image	Item Number	Description	Length		Post Size		Divider Diameter		QTY/Kit
			Inch	mm	Inch	mm	Inch	mm	
	106425	Wood Post Bolt On Mount to 2- 3/8" (60mm) Stall	6-3/8	162	N/A	N/A	2-3/8	60	Kit (2 x Mount/Hdw)

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

BRISKETS & CLAMPS

BRISKET LOCATORS | COMPONENTS | BRACKETS | HOT DIPPED

Image	Item Number	Description	Stall Divider (Size A)		Brisket Pipe (Size B)		Mount Style	QTY/Kit
			Inch	mm	Inch	mm		
	106444	Poly Pipe Brisket Bracket	2/3/08	60	4-1/2 to 4-15/16	114 – 125	Divider Mounted	Kit (1 x Brkt/Hdw)
	106553	Poly Pipe Brisket Bracket Extension Plate	N/A	N/A	N/A	N/A	For use with 106444	1 Clamp / Hdw
	118768	Poly Pipe Brisket Bracket – Adjustable	2/3/08	60	4/15/16	125	Divider Mounted	Kit (1 x Brkt/Hdw)
	106445	Poly Pipe Brisket End Support	N/A	N/A	4-1/2 to 4-15/16	114 – 125	End Support	Kit (1 x Brkt/Hdw)

POLY PIPE & CONNECTOR

Image	Item Number	Description
	118766	Poly Pipe 4-15/16" (125mm) OD x 3/16" (4.8mm) Wall x 19'1/3" (5.8m) Length, Swaged
	118767	Poly Pipe Connector, 4-15/16" (125mm) OD – for Use With Poly Pipe 118766

CROSS CLAMPS | HOT DIPPED

Image	Item Number	Description	Rail Size		Post Size		QTY/Kit
			Inch	mm	Inch	mm	
	107661	Cross Clamph	1-7/8	48	2-3/8	60	Kit (1 x Brkt/Hdw)
	106450	Cross Clamp	2-3/8	60	3	76	Kit (1 x Brkt/Hdw)
	106549	Cross Clamp	3	76	3	76	Kit (1 x Brkt/Hdw)

SPECIALTY CLAMPS | HOT DIPPED

Image	Item Number	Description	Rail Size, B		U-Bolt Size (Pipe), D		QTY/Kit
			Inch	mm	Inch	mm	
	106455	Z Clamp (wall mounted)	2-3/8	60	2-3/8	60	Kit (1 x Clamp/Hdw)
	106664	Z Clamp (wall mounted)	3	76	3	76	Kit (1 x Clamp/Hdw)

POSTING MOUNTING CLAMPS | HOT DIPPED

Image	Item Number	Description	Post Size		U-Bolt Size (Pipe)		QTY/Kit
			Inch	mm	Inch	mm	
	106536	Mounting Clamp	3	76	1-7/8	48	Kit (1 x Brkt/Hdw)
	106535	Mounting Clamp	3	76	2-3/8	60	Kit (1 x Brkt/Hdw)
	107342	Mounting Clamp	3	76	3	76	Kit (1 x Brkt/Hdw)
	106604	Mounting Clamp	3-1/2	89	3	76	Kit (1 x Brkt/Hdw)
	106630	Mounting Clamp	4	102	3	76	Kit (1 x Brkt/Hdw)
	106953	Mounting Clamp	4 x 4	102 x 102	3	76	Kit (1 x Brkt/Hdw)
	106562	Mounting Clamp	4-1/2	114	3	76	Kit (1 x Brkt/Hdw)
	106965	Mounting Clamp	5 x 5	127 x 127	3	76	Kit (1 x Brkt/Hdw)
	106601	Mounting Clamp	5-9/16	141	3	76	Kit (1 x Brkt/Hdw)
	106646	Mounting Clamp	6 x 6	152 x 152	3	76	Kit (1 x Brkt/Hdw)
	106602	Mounting Clamp	6-5/8	168	3	76	Kit (1 x Brkt/Hdw)
	106603	Mounting Clamp	8-5/8	219	3	76	Kit (1 x Brkt/Hdw)

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SHOULDER BAR COMPONENTS

SHOULDER BAR COMPONENTS | MOUNTING CLAMPS FOR 2 3/8" (60MM) | HOT DIPPED

Image	Item Number	Description	Rail Size		Post Size		QTY/Kit
			Inch	mm	Inch	mm	
	106544	Cross-Over Shoulder Bar Clamp (Heavy Duty)	2-3/8	60	1-7/8	48	Kit (1 x Brkt/Hdw)
	106446	Standard Shoulder Bar Clamp (Standard)	2-3/8	60	1-7/8	48	Kit (1 x Brkt/Hdw)
	106488	Shoulder Strap Clamp	2-3/8	60	n/a	n/a	Kit (1 x Brkt/Hdw)

SHOULDER BAR COMPONENTS | END SUPPORT | HOT DIPPED

Image	Item Number	Description	Rail Size, B		QTY/Kit
			Inch	mm	
	106674	Shoulder Bar End Support, Long Concrete Mount, 24" (610mm)	1-5/8 & 1-7/8	42 & 48	1 EA
	106263	Shoulder Bar End Support, 4 Hole Slotted Plate	1-7/8	48	1 EA
	106222	Mounting Rail End Support, 4 Hole Slotted Plate	2-3/8	60	1 EA
	107438	Rail End Support, 4 Hole Slotted Plate	3	76	1 EA
	107439	Rail End Support – Extended, 24" (610mm)	3	76	1 EA

SHOULDER BAR

Item Number	Description
106409	Shoulder Bar 1-7/8" (48mm) OD x 1/8" (2.5mm) Wall x 19' (5.79m) Length

PLATE EMBEDMENTS | HOT DIPPED

Image	Item Number	Description	Length		Width		QTY/Kit
			Inch	mm	Inch	mm	
	107322	Embedded Plate For Concrete	127	5	127	5	1 EA
	107727	Embedded Plate For Concrete	152	6	152	6	1 EA
	107679	Embedded Plate For Concrete	127	5	127	5	1 EA

STRAPS: STRAPS, ACCESSORIES, AND CLAMPS

Image	Item Number	Description	Length		Width		Notes
			Imperial	Metric	Inch	mm	
	106122	Nylon Strap	164'	50 m	2	51	Nylon. There is a hook on one end.
	106123	Ratchet for Nylon Strap	N/A	N/A	N/A	N/A	Fits 2" (51mm) nylon strap. Zinc plated.
	106488	Shoulder Strap Clamp	2-3/8"	60mm	Use with 2-3/8" stall dividers	Use with 60mm stall dividers	Kit quantity: (1 x Clamp/Hdw)

BOLLARDS | HOT DIPPED

Image	Item Number	Description	Outside Diameter (A)		Length (B)		Wall Thickness	
			Inch	mm	Inch	mm	Feet	Meters
	119052	Bollard with Dome Cap	6-5/8	168	79	2	1/4	6
	107413	Bollard with Dome Cap	6-5/8	168	84	2.13	1/4	6
	107451	Bollard	6-5/8	168	78-3/4	2.00	1/4	6.4
	119052	Bollard	6-5/8	168	78-3/4	2.00	1/4	6.4

STRAIGHT PIPE | GALVANIZED

Item Number	Description	Outside Diameter (A)		Length (B)		Wall Thickness		Details
		Inch	mm	Inch	mm	Feet	Meters	
106823	Shoulder Bar	1-7/8	48	19	5.79	1/8	3	Swaged End
106409	Shoulder Bar	1-7/8	48	19	5.79	1/8	2.5	Swaged End
106315	Mounting Rail	2-3/8	60	19	5.79	1/8	3	Swaged End
107232	Mounting Rail	2-3/8	60	19	5.79	3/16	4	Swaged End
106410	Mounting Rail	3	76	19	5.79	1/8	3.5	Swaged End

ROUND POSTS | HOT DIPPED

Item Number	Description	Outside Diameter (A)		Length (B)		Wall Thickness	
		Inch	mm	Inch	mm	Feet	Meters
106348	Round Post with off-set plate for self-locks	3	76	63-3/8	1.6	1/8	3.5

POST CAP FOR ROUND PIPE

Image	Item Number	Description	Pipe/Post Size		Wall Thickness	
			Imperial	Metric	Inch	mm
	106357	Plastic Post Cap	2-7/8	73	3/16	4.75
	107346	Plastic Post Cap	3 ½	89	3/16	4.75
	106833	Plastic Post Cap	4	102	3/16	4.75
	107070	Plastic Post Cap	4-1/2	114	3/16	4.75
	107948	Metal Drop in Cap	4-1/2	114	1/4	6
	107798	Metal Drop in Cap	5	127	3/16	4.75
	108040	Metal Drop in Cap	6-5/8	168	1/2	12

ROUND POSTS | GALVANIZED

Image	Item Number	Description	Outside Diameter (A)		Length (B)		Wall Thickness	
			Inch	mm	Inch	mm	Inch	mm
	118465	Round Post	3	76	94-1/2	2.4	3/16	4.75
	118602	Round Post	3	76	118-1/8	3.0	3/16	4.55
	106302	Round Post	3-1/2	89	94-1/2	2.4	3/16	4.75
	106419	Round Post	3-1/2	89	118-1/8	3	3/16	4.75
	106094	Round Post	4	102	84	2.13	3/16	4.75
	106322	Round Post	4	102	94-1/2	2.4	3/16	4.75
	106415	Round Post	4	102	118-1/8	3	3/16	4.75
	107980	Round Post	4	102	196-7/8	5	3/16	4.75
	106421	Round Post	4-1/2	114	94-1/2	2.4	3/16	4.75
	106412	Round Post	4-1/2	114	118-1/8	3	3/16	4.75
	107800	Round Post	5	127	236	6	3/16	4

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U-BOLTS | ZINC PLATED

Image	Item Number	Description	Diameter (A) Inch	Diameter (A) mm	Length Inch	Length mm	Shape	Used With
	106559	U-Bolt M12	3	76	4-1/16	103	Round	Kit - 1 x U-Bolt (#107259) 2 x Nuts (#100303) Loaded In Bulk
	106154	U-Bolt M12	3-1/16	78	4-7/16	113	Round	1 x U-Bolt (#107264) Loaded in Bulk
	106561	U-Bolt M12	3-1/2	89	4-1/2	114	Round	1 x U-Bolt (#107260) Loaded In Bulk
	106157	U-Bolt M12	4-1/2	114	6-3/16	157	Round	1 x U-Bolt (#107279) Loaded in Bulk
	106612	U-Bolt M10	4	102	5-1/16	129	Square	Kit - 1 x U-Bolt 2 x Nuts Loaded In Bulk
	106636	U-Bolt M12	1-5/8	41	2-15/16	75	Square	Kit - 1 U-Bolt (#108309) 2 x

KWIK BOLTS

| Image	Item Number	Description	Diameter Inch	Diameter mm	Length Inch	Length mm	QTY/KIT	Used With
	106490	Kwik Bolt Wedge Anchor – Zinc Plated	1/2	12	3-15/16	100	Kit (1 x Wedge Bolt)	Floor Mounts, Shoulder Bar End Brackets, Brisket Pipe End and Floor brackets, Some Gate Hinges and latches, Aqua Dumps and Calf Zones
	108222	Kwik Bolt Wedge Anchor – Stainless Steel	1/2	12	3-15/16	100	Kit (1 x Wedge Bolt)	Floor Mounts, Shoulder Bar End Brackets, Brisket Pipe End and Floor brackets, Some Gate Hinges and latches, Aqua Dumps and Calf Zones
	106427	Threaded Rod Assembly – Zinc Plated	1/2	12	5-1/4	133	Kit (2 x Rod /Hdw)	Mainly in Floor Mounts, Shoulder Bar End Brackets, Brisket Pipe End and Floor brackets, Some Gate Hinges and latches, Aqua Dumps, and Calf Zones

CARRIAGE BOLT | ZINC PLATED

Image	Item Number	Description	Length Inch	Length mm	QTY/KIT
	106188	Carriage Bolt M8	2-3/8	64	1 x Bolt Loaded in Bulk
	106164	Carriage Bolt M8	3-7/16	87	1 x Bolt Loaded in Bulk
	106110	Carriage Bolt M10	1-3/16	30	1 x Bolt Loaded in Bulk
	106111	Carriage Bolt M10	1-31/32	50	1 x Bolt Loaded in Bulk
	106137	Carriage Bolt M12	1-1/4	32	1 x Bolt Loaded in Bulk
	106174	Carriage Shoulder Bolt M8	1-3/4	48	1 x Bolt Loaded in Bulk
	106164	Carriage Shoulder Bolt M8	3-7/16	87	1 x Bolt Loaded in Bulk
	108222	Kwik Bolt Wedge Anchor – Stainless Steel	3-15/16	100	Kit (1 x Wedge Bolt)

CATTLE HANDLING

STANDARD BOLT | ZINC PLATED

Image	Item Number	Description	Length		QTY/KIT
			Inch	mm	
	106142	Bolt – Hex M8	1–3/4	45	1 x Bolt Loaded in Bulk
	106112	Bolt – Hex M8	1–31/32	50	1 x Bolt Loaded in Bulk
	107338	Bolt – Hex M8	2–3/4	70	1 x Bolt Loaded in Bulk
	106180	Bolt – Hex M8	3–1/8	80	1 x Bolt Loaded in Bulk
	106133	Bolt – Hex M10	1–3/16	30	1 x Bolt Loaded in Bulk
	107479	Bolt – Hex M10	1–3/4	45	1 x Bolt Loaded in Bulk
	106179	Bolt – Hex M10	2–3/8	60	1 x Bolt Loaded in Bulk
	106131	Bolt – Hex M10	2–61/64	75	1 x Bolt Loaded in Bulk
	106145	Bolt – Hex M10	3–1/2	90	1 x Bolt Loaded in Bulk
	107223	Bolt – Hex M12	13/16	20	1 x Bolt Loaded in Bulk
	106167	Bolt – Hex M12	63/64	25	1 x Bolt Loaded in Bulk
	106194	Bolt – Hex M12	1–21/32	42	1 x Bolt Loaded in Bulk
	106115	Bolt – Hex M12	3–1/8	80	1 x Bolt Loaded in Bulk
	106128	Bolt – Hex M12	3–1/2	90	1 x Bolt Loaded in Bulk

LOCKING NUT | ZINC PLATED
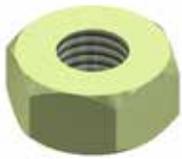
Image	Item Number	Description	QTY/KIT
	106130	Nut – Hex – Locking – Nyloc M8 w/M10 Hex Head – Custom 17mm Hex – C8	1 x Nut Loaded In Bulk
	106129	Nut – Hex – Locking – Nyloc – M10 – C8	1 x Nut Loaded In Bulk
	106113	Nut Hex Locking Nyloc M12x1.75 GB/T 889.1-2015 Style 1 Steel C8 YZ-Plated	1 x Nut Loaded In Bulk
	106176	Nut – Hex – Locking – Nyloc – M20 – C8	1 x Nut Loaded In Bulk
	106184	Nut – Hex M12	1 x Nut Loaded In Bulk
	107219	Nut – Hex M20	1 x Nut Loaded In Bulk
	106160	Nut – Hex – Nyloc M6	1 x Nut Loaded In Bulk
	107562	Nut – Hex – Nyloc M6 – Stainless Steel	1 x Nut Loaded In Bulk
	106141	Nut – Hex – Nyloc M8	1 x Nut Loaded In Bulk
	106130	Nut – Hex – Nyloc M8 w/M10 Hex Head	1 x Nut Loaded In Bulk
	106129	Nut – Hex – Nyloc M10	1 x Nut Loaded In Bulk
	106113	Nut – Hex – Nyloc M12	1 x Nut Loaded In Bulk
	106176	Nut – Hex – Nyloc M20	1 x Nut Loaded In Bulk

WASHER | ZINC PLATED

Image	Item Number	Description	QTY/KIT
	106166	Washer – M8	1 x Washer Loaded in Bulk
	106162	Washer – M10	1 x Washer Loaded in Bulk
	106146	Washer – M12	1 x Washer Loaded in Bulk
	106114	Lock Washer M12	1 x Washer Loaded in Bulk
	107016	Washer – M13	1 x Washer Loaded in Bulk
	107220	Washer – M20	1 x Washer Loaded in Bulk

FEED FRONTS

Efficient Handling. Faster Workflows. Better Cow Comfort.

Labor is the second-highest operating cost on today's dairy farms, making efficient cattle handling more important than ever. VES-Artex Feed Fronts are engineered to streamline daily management tasks while improving cow comfort and feed access.

With the ability to perform up to 29 of the 31 routine herd management activities directly at the feed bunk, VES-Artex Self-Locking Feed Fronts reduce the need to move animals across the facility. Tasks such as health checks, vaccinations, artificial insemination, pregnancy diagnosis, and routine treatments can all be completed quickly and safely—right where the cow already stands.

Work Smarter at the Bunk

Self-locking feed fronts allow staff to:
- Secure multiple cows at once
- Release the entire group together
- Or restrain individual animals as needed

This flexibility reduces handling time, minimizes stress, and improves overall labor efficiency. By eliminating the need to sort cows as they exit the parlor, VES-Artex feed fronts also help accelerate milking routines and return cows to their pens faster.

Designed for Cow Comfort

Handling cows in a familiar environment while allowing them to eat during treatment creates a calmer, safer experience for both cows and staff. Feed fronts also help:
- Reduce feed bunk competition
- Prevent bullying and crowding
- Ensure equal feed access
- Improve ration intake consistency

The result is healthier cows, improved production, and a more productive facility.

Key Benefits:
- Perform up to 29 routine tasks at the feed bunk
- Reduce labor time and animal movement
- Improve parlor efficiency
- Support low-stress handling
- Optimize feed bunk usage
- Minimize cow competition and bullying
- Improve cow flow and daily productivity

SELF-LOCK RECOMMENDATIONS

Animal*			VES-Artex Self Lock	Installation (See Reference Below)		
Age	Weight	Shoulder Height	Opening	A	B	C
0 to 3 months	VES-Artex recommends using the Sloped or the V-Trainer Feed Fronts for this age group					
3 to 6 months	114 - 186 kg	94 - 104 cm	8 in 3.05 m	30 cm	20 cm	114 cm
	250 - 410 lbs	37 - 41 in	8 in 10 ft	12 in	8 in	45 in
6 to 9 months	186 - 268 kg	104 - 114 cm	7 in 3.05 m	36 cm	25 cm	125 cm
	410 - 590 lbs	41 - 45 in	7 in 10 ft	14 in	10 in	49 in
9 to 14 months	268 - 404 kg	114 - 128 cm	6 in 3.05 m	40 cm	30 cm	140 cm
	590 - 790 lbs	45 - 46 in	6 in 10 ft	16 in	12 in	55 in
14 to 20 months	404 - 540 kg	128 - 142 cm	5 in 3.05 m	40 cm	30 cm	140 cm
	790 - 1,190 lbs	45 - 56 in	5 in 10 ft	16 in	12 in	55 in
20 to 24 months & Jerseys	540 - 612 kg	142 - 145 cm	5 in 3.05 m	46 cm	36 cm	153 cm
	1,190 - 1,350 lbs	56 - 57 in	5 in 10 ft	18 in	14 in	60 in
Cows Holsteins	545 - 726 kg	142 - 152 cm	5 in 3.05 m	46 cm	36 cm	153 cm
	1,200 - 1,600 lbs	56 - 60 in	5 in 10 ft	18 in	14 in	60 in
*All specifications in this chart are based on Holstein cows Check with VES-Artex for other Self Lock Lengths for any of these Specific Age Groups Self-Locks 12' (3.6m) and longer require a mid-support pole such as 107242.						

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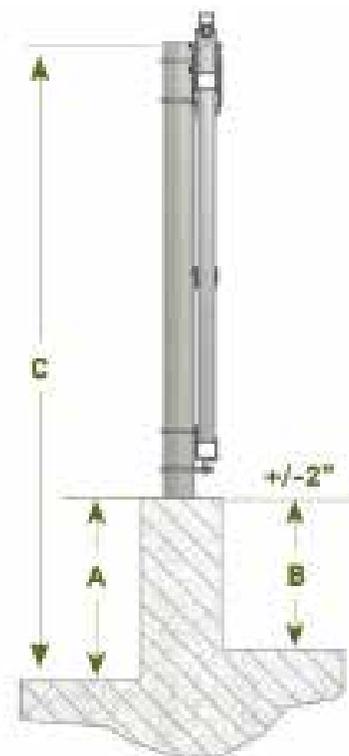
SLOPED FEEDRAILS & V-TRAINERS

Simple. Durable. Designed to Train and Transition.

Sloped Feedrails and V-Trainers are VES-Artex's non-locking feed front solutions, engineered to help young or inexperienced animals confidently transition into self-locking feed fronts. By guiding cows and heifers to place their heads through smaller openings, these systems create a smooth learning curve that reduces stress and improves feed bunk behavior.

Built for durability and daily use, both systems promote cow comfort through proper spacing, smooth edges, and rugged steel construction—making them ideal for training environments and growing herds.

Designed for Your Herd

- Sloped Feedrails: Feature laterally adjustable vertical dividers, allowing producers to customize spacing based on animal size, age, or management style. This flexibility makes sloped feedrails ideal for facilities that house mixed groups or need adaptable layouts.
- V-Trainers: Feature fixed, welded vertical dividers for a robust, maintenance-free design. With no moving parts, V-Trainers offer long-term reliability in high-traffic feeding areas.

Built for Training & Confidence

The V-Trainer is suitable for cows and heifers of all ages, including mature animals, helping them develop confidence at the bunk and preparing them for eventual use of self-locking feed fronts. These systems encourage proper head placement, reduce hesitation, and support smoother transitions between feeding stages.

SLOPED FEED RAIL SIZES

Length		Number of Openings
Imperial	Metric	
7' 11"	2.41 m	6
7' 11"	2.41 m	7
7' 11"	2.41 m	8
7' 11"	2.41 m	9
9' 8-15/16"	2.97 m	12
9' 8-15/16"	2.97 m	7
9' 11"	3.02 m	8
9' 11"	3.02 m	9
9' 11"	3.02 m	10
9' 11"	3.02 m	12
11' 11"	3.63 m	12
11' 11"	3.63 m	14

V—TRAINER SIZES

Length		Number of Openings
Imperial	Metric	
10'	3.04 m	6
10'	3.04 m	8
12'	3.65 m	9

SLOPED FEED RAIL | HOT DIPPED

Item Number	Description	# of Openings	Description	Length		Overall Height		Head Spacing	
				ft	m	Inch	mm	Inch	mm
				A		B		C	
106474	Adjustable Sloped Feed Rail	9	Young Stock (0-6 months)	8'	2.44	38-5/8	981	7-1/2	190
106940	Adjustable Sloped Feed Rail	12	Young Stock (0-6 months)	9' 10"	3	38-5/8	981	7	178
106478	Adjustable Sloped Feed Rail	12	Young Stock (0-6 months)	10'	3.05	38-5/8	981	7-3/16	183
106483	Adjustable Sloped Feed Rail	14	Young Stock (0-6 months)	12'	3.66	38-5/8	981	7-5/8	193
106475	Adjustable Sloped Feed Rail	8	Young Stock (6-12 months)	8'	2.44	38-5/8	981	8-5/8	220
106479	Adjustable Sloped Feed Rail	10	Young Stock (6-12 months)	10'	3.05	38-5/8	981	9	228
106482	Adjustable Sloped Feed Rail	12	Young Stock (6-12 months)	12'	3.66	38-5/8	981	9-5/8	245
106476	Adjustable Sloped Feed Rail	7	Heifer (12 - 16 months)	8'	2.44	38-5/8	981	10-1/16	256
106480	Adjustable Sloped Feed Rail	8	Heifer (12 - 16 months)	10'	3.05	38-5/8	981	11-5/8	296
106484	Adjustable Sloped Feed Rail	10	Heifer (12 - 16 months)	12'	3.66	38-5/8	981	9-1/2	242
106477	Adjustable Sloped Feed Rail	6	Mature (14 - 20 months)	8'	2.44	38-5/8	981	12-1/16	307
106481	Adjustable Sloped Feed Rail	7	Mature (14 - 20 months)	10'	3.05	38-5/8	981	13-9/16	344
106485	Adjustable Sloped Feed Rail	9	Mature (14 - 20 months)	12'	3.66	38-5/8	981	12-4/5	326
106813	Fixed Panels Sloped Feed Rail	10	0 - 6 months	10'	3.05	28-3/4	731	8-1/8	207
107319	Fixed Panels Sloped Feed Rail	4	6 - 12 months	5	1.52	28-3/4	731	8-3/8	213
106976	Fixed Panels Sloped Feed Rail	8	12 - 16 months	10'	3.05	28-3/4	731	10-3/8	263
119423	Fixed Panels Sloped Feed Rail	7	14 – 20 months	10'	3.05	28-3/4	731		

V-TRAINER FEED RAIL | HOT DIPPED

Item Number	Description	# of Openings	Description	Length		Head Spacing/Top Opening		Overall Height		Head Spacing/Bottom Opening	
				ft	m	Inch	mm	Inch	mm	Inch	mm
				A		B		C		D	
106811	Non-Adjustable V-Trainer	8	3 - 6 mo	10'	3.05	10-13/16	275	28-3/4	730.3	4-1/16	104
107231	Non-Adjustable V-Trainer	9	3 - 6 mo	12'	3.66	10-13/16	275	28-3/4	730.3	4-1/16	104
107249	Non-Adjustable V-Trainer	6	6 - 12 mo	10'	3.05	12	305	28-3/4	730.3	4-1/16	103
107758	Non-Adjustable V-Trainer	5	Mature Cow	10'	3.05	17-1/2	445	38-1/16	969.4	7-15/16	201
107759	Non-Adjustable V-Trainer	6	Mature Cow	10'	3.05	15-3/16	386	38-1/16	969.4	7	178

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STANDARD SELF LOCKS

Built for Strength. Designed for Efficiency. Trusted for Daily Use.

VES-Artex Standard Self Locks are engineered to help producers work faster, safer, and more efficiently by allowing multiple animals to be restrained at once for health checks, treatments, and routine management.

Constructed with heavier-gauge components, continuous welds, and reinforced bushings, these self-locking feed fronts are built to outperform and outlast similar products on the market—delivering long-term durability and an exceptional return on investment.

Designed for smooth, quiet operation, VES-Artex Standard Self Locks reduce stress on both animals and staff while maintaining consistent, reliable performance in high-traffic feeding areas.

### Designed for Smarter Handling

Self locks allow producers to:

- Secure an entire group at once
- Release cows as a group or individually
- Perform treatments efficiently at the feed bunk

This improves workflow, minimizes animal movement, and reduces labor time.

Standard Features

Every VES-Artex Standard Self Lock includes:

- Rub-free flippers for smooth operation
- Noise-reducing hardware to minimize stress
- Quick-release mechanisms for safe, fast exit
- Individual animal lock-ups
- Auto-open top for effortless engagement
- Bottom blocker to prevent escape
- Visual locking settings for group control
- Hot-dipped galvanized finish for corrosion resistance

Rub Free Flippers

Noise Reducing Impact Pads

Bottom Block

Visual Locking Indicator

Auto Open Top

Quick Release Mechanism
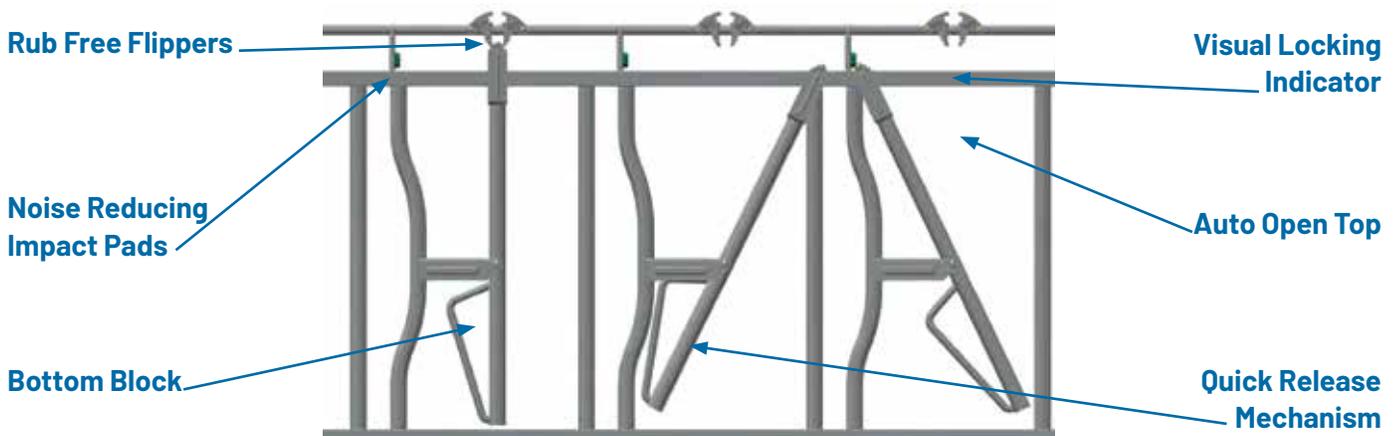
STANDARD SELF LOCKS | MATURE HOLSTEIN | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
106366	SLG - 1.50M (5') Rail	2	5	1.5	38-1/16	967	29-1/2	750	7-7/16	188	15-3/4	401	15-9/16	396
107671	SLG - 2.44M (8') Rail	3	8	2.44	38-1/16	967	29-1/2	750	7-7/16	188	15-3/4	401	15-9/16	396
106292	SLG - 2.44M (8') Rail	4	8	2.44	38-1/16	967	23-3/16	589	7-7/16	188	15-3/4	401	15-9/16	396
106380	SLG - 3.05M (10') Rail	4	10	3.05	38-1/16	967	28	711	7-7/16	188	15-3/4	401	15-9/16	396
106291	SLG - 3.05M (10') Rail	5	10	3.05	38-1/16	967	23-3/16	589	7-7/16	188	15-3/4	401	15-9/16	396
106746	SLG - 3.34M (11') Rail	5	11	3.34	38-1/16	967	25-3/16	640	7-7/16	188	15-3/4	401	15-9/16	396
106378	SLG - 3.66M (12') Rail	5	12	3.66	38-1/16	967	28	711	7-7/16	188	15-3/4	401	15-9/16	396
106294	SLG - 3.66M (12') Rail	6	12	3.66	38-1/16	967	23-1/16	589	7-7/16	188	15-3/4	401	15-9/16	396

Please contact your VES-Artex representative if the information you seek is not listed above. Self-Locks 12' (3.6m) and longer require a mid-support bracket. Please refer to page 71 for mid-support options.

STANDARD SELF LOCKS | HEIFER HOLSTEIN & MATURE COW JERSEY | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
107163	SLG - 2.44M (8') Rail	5	8'	2.44	35-3/8	899	17-13/16	453	6-1/2	166	12-7/16	315	11-5/8	296
106700	SLG - 3.0M (9'10") Rail	6	9' 10"	3	35-3/8	899	18-1/2	471	6-1/2	166	12	305	11-5/8	296
107675	SLG - 3.0M (9'10") Rail – Wide Opening	6	9' 10"	3	35-3/8	899	18-3/4	477	6-1/2	165	13-13/16	350	13-5/16	338
107136	SLG - 3.05M (10') Rail	5	10'	3.05	35-3/8	899	23-5/16	592	6-5/8	168	14-1/2	368	12-3/16	310
107134	SLG - 3.05M (10') Rail – Wide Opening	6	10'	3.05	35-3/8	899	18-13/16	478	6-1/2	165	14-1/8	359	13-5/16	338
106257	SLG - 3.05M (10') Rail	6	10'	3.05	35-3/8	899	19	483	6-9/16	166	12-1/16	306	11-5/8	296
106258	SLG - 3.66M (12') Rail	7	12'	3.66	35-3/8	899	19-3/4	502	6-1/2	166	12-1/16	307	11-5/8	296

Please contact your VES-Artex representative if the information you seek is not listed above. Self-Locks 12' (3.6m) and longer require a mid-support bracket. Please refer to page 71 for mid-support options.

STANDARD SELF LOCKS | YOUNG STOCK | 3-6 MO HOLSTEIN & 4-7 MO JERSEY 250-410 LBS (113-186 KGS)| HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
106701	SLG - 9'10" (3.00m) Self Locking Head-Rail	8	9' 10"	3	28-13/16	732	13-3/4	349	4-1/2	115	10-1/16	256	8-1/16	204
106267*	SLG - 10' (3.05m) Self Locking Head-Rail	8	10'	3.05	28-13/16	732	14-1/4	362	5	128	11-3/8	290	8-7/8	226
106393	SLG - 12' (3.66m) Self Locking Head-Rail	9	12'	3.66	28-13/16	732	14-1/4	362	5-1/2	140	10-7/16	265	10	254

*If you are ordering part number 106267 you will need to order Easy Mount Clamp part number 106676

STANDARD SELF LOCKS | YOUNG STOCK | 6-9 MO HOLSTEIN & 8-12 MO JERSEY 410-590 LBS (186-268 KGS) | HOT DIPPED

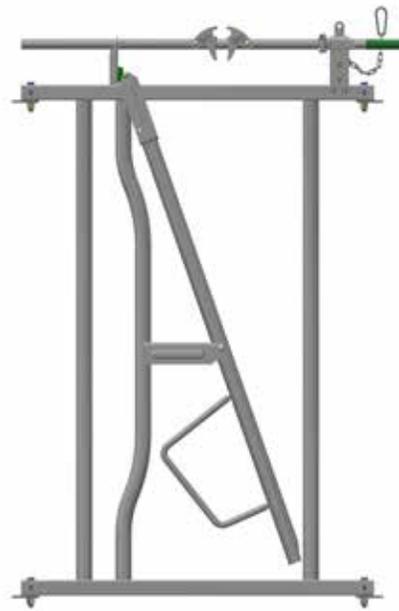| Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
106698	SLG - 9'10" (3.00m) Self Locking Head-Rail	7	9' 10"	3	31-13/16	808	15-1/4	387	6	153	11-7/16	291	10-5/8	269
106266	SLG - 10' (3.05m) Self Locking Head-Rail	7	10'	3.05	31-13/16	808	15-1/4	387	6	153	11-7/16	291	10-5/8	269
106397	SLG - 12' (3.66m) Self Locking Head-Rail	8	12'	3.66	31-13/16	808	15-1/4	387	6	152	11-7/16	291	10-3/4	273

MATERNITY/TREATMENT AREA SELF LOCKS
Flexible Support for Special Care

VES-Artex Maternity and Treatment Area Self Locks provide the same strength, durability, and ease of use as our standard self-locking feed fronts—while offering the added flexibility required for cows receiving special care or preparing to calve.

Designed to allow animals the freedom to stand or lie down comfortably, these self locks support low-stress handling during critical moments such as birthing, recovery, and medical treatment. Their smooth operation and secure design help protect both cows and caregivers while maintaining efficient herd management.

MATERNITY/TREATMENT AREA | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm
106736	SLG - 3' (0.91m) Self Locking Head-Rail Treatment & Maternity Area	1	3'	0.92	52-1/8	1325	7-27/64	188	16	407	14-5/16	364
107237	SLG - 0.91M (3') Self Locking Head Rail Treatment & Maternity Area	1	3'	0.91	52-1/8	1325	7-27/64	188	16-1/16	408	14-5/16	363

For use with VES-Artex gate hinge and latch sold separately - hinge and stub not included in assembly

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

FEED FRONTS

CURVED SELF-LOCK (CSL)

Designed for Comfort. Built for Confidence.

The VES-Artex Curved Self-Lock (CSL) system is engineered to encourage natural cow movement with a large, inviting opening and an ergonomically curved top rail that mirrors the shape of a cow's head. This thoughtful design makes entry easier, reduces hesitation, and improves overall flow at the feed bunk.

With the widest opening in the VES-Artex lineup, approximately 20% larger than the Standard Self Lock Series, the CSL is ideal for mature cows and high-traffic feeding areas. Available in multiple panel lengths, this system provides flexibility to fit your herd and facility.

Built on the same trusted platform as our Standard Self Locks, the CSL offers all the same durability, safety, and handling features—enhanced with comfort-driven design.
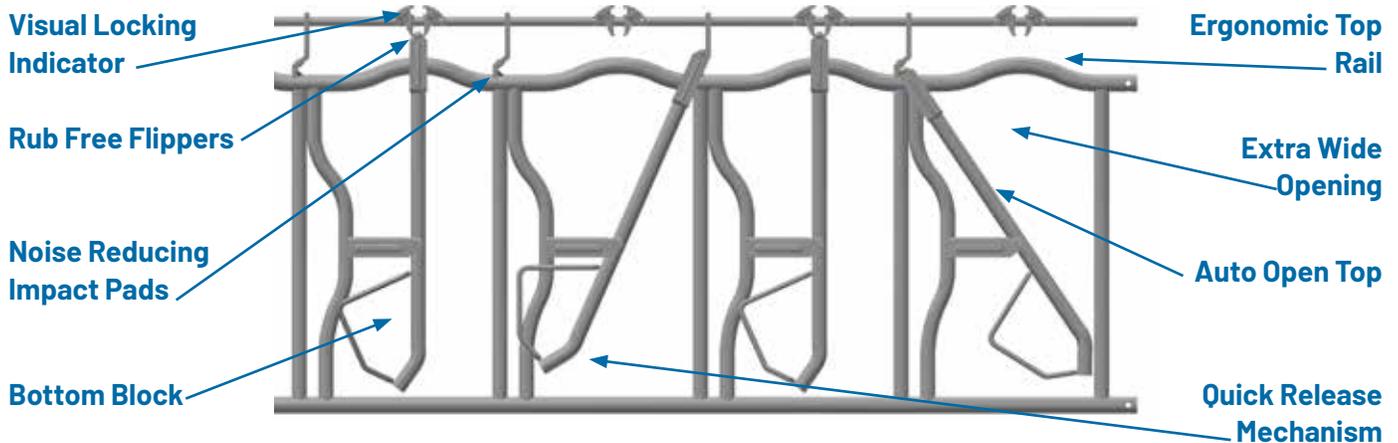
Smart Connection

The CSL comes standard with a round control rod featuring the SMART Control Rod Connector, delivering the same precise, easy-to-use connection found with square control rod systems. This design simplifies installation, improves alignment, and allows for quick replacement thus saving time in the field.

- Ergonomic curved top rail for natural head positioning
- Largest opening, approximately 20% wider
- Encourages smooth entry and improved cow flow
- SMART Control Rod Connector for fast, accurate installation

CSL STANDARD SIZES

# of Openings	Length	
	Imperial	Metric
3	7' 4.5"	2.25 m
4	8'	2.44 m
4	9'	2.70 m
4	9' 10"	3.00 m
4	10'	3.05 m
5	10'	3.05 m
5	12'	3.66 m
6	12'	3.66 m
8	16'	4.86 m

Visual Locking Indicator

Rub Free Flippers

Noise Reducing Impact Pads

Bottom Block

Ergonomic Top Rail

Extra Wide Opening

Auto Open Top

Quick Release Mechanism

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

FEED FRONTS

CSL SELF LOCKS | MATURE COW HOLSTEIN | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
107160	CSLG - 8' (2.44m) Self Locking Head-Rail	3	8	2.44	40-3/16	1020	29-1/8	740	7-3/8	188	18-1/2	471	15-3/16	385
107147	CSLG - 8' (2.44m) Self Locking Head-Rail –Special Mount Required	4	8'	2.44	40-3/16	1020	22-5/16	567	7-3/8	188	18-1/2	471	15-3/16	385
107394	CSLG - 9'2" (2.80m) Self Locking Head-Rail	4	9' 2"	2.8	40-3/16	1020	27-9/16	700	7-3/8	188	18-1/2	471	15-3/16	385
107064	CSLG - 9'10" (3.00m) Self Locking Head-Rail	4	9' 10"	3	40-3/16	1020	27-9/16	700	7-3/8	188	18-1/2	471	15-3/16	385
107145	CSLG - 10' (3.05m) Self Locking Head-Rail	4	10'	3.05	40-3/16	1020	29-1/8	740	7-3/8	188	18-1/2	471	15-3/16	385
107029	CSLG - 10' (3.05m) Self Locking Head-Rail	5	10'	3.05	40-3/16	1020	22-5/16	567	7-3/8	188	18-1/2	471	15-3/16	385
107301	CSLG - 12' (3.66m) Self Locking Head-Rail	5	12'	3.66	40-3/16	1020	28-3/8	720	7-3/8	188	18-1/2	471	15-3/16	385
107146	CSLG - 12' (3.66m) Self Locking Head-Rail	6	12'	3.66	40-3/16	1020	22-5/16	567	7-3/8	188	18-1/2	471	15-3/16	385

Please contact your VES-Artex representative if the information of a self-lock you're interested in is not listed above. Self-Locks 12' (3.6m) and longer require a mid-support bracket. Please refer to page 71 for mid-support options.

HEAVY-DUTY SELF-LOCK (HSL)

Built for Strength. Engineered for Long Runs.

The VES-Artex Heavy-Duty Self-Lock (HSL) system is designed for demanding applications where strength, stability, and extended feed bunk spans are required. Featuring 2.75" (70 mm) square top and bottom rails, this system delivers exceptional structural rigidity—allowing runs of up to 20 ft (6 m) before an intermediate post is needed.
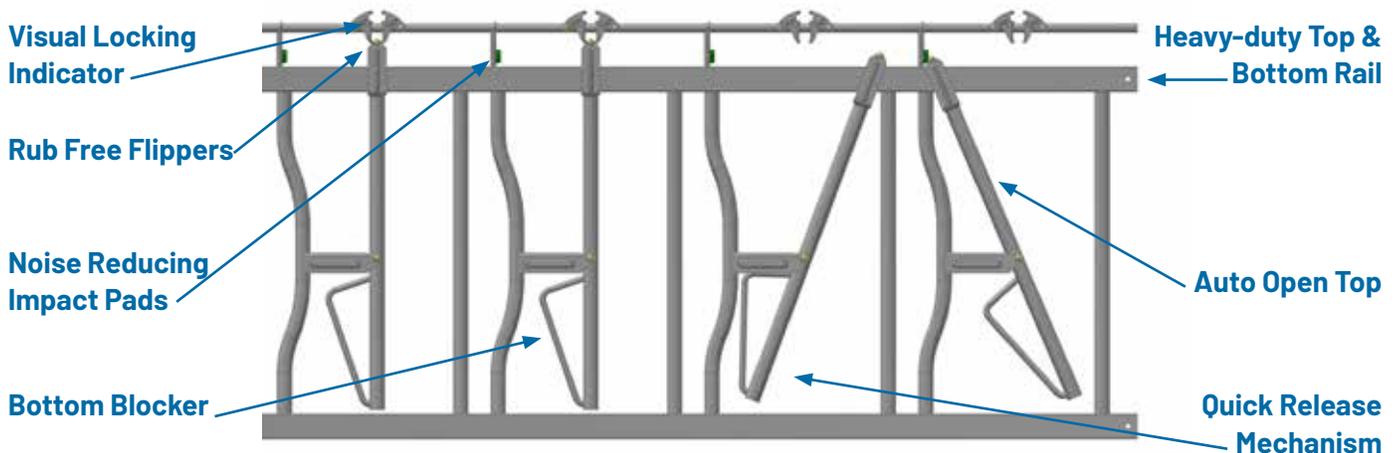
Ideal for high-traffic feeding areas and facilities utilizing feed stalls, the HSL offers the same trusted performance as our Standard Self Locks—enhanced with heavy-duty construction for added durability and reduced structural support requirements.

Standard Features

- 2.75" (70 mm) heavy-duty top rail for superior strength
- 2.75" (70 mm) heavy-duty bottom rail for added stability
- Supports long runs—up to 20 ft (6 m) between posts
- Easy connection for feed stall applications
- Fewer intermediate posts required
- Includes all standard VES-Artex self-lock features

HSL STANDARD SIZES

# of Openings	Length	
	Imperial	Metric
3	8'	2.40 m
5	10'	3.05 m
6	12'	3.66 m
6	13' 5"	4.00 m
7	14'	4.25 m
7	15'	4.56 m
8	16'	4.88 m
10	16'	4.88 m

Visual Locking Indicator

Rub Free Flippers

Noise Reducing Impact Pads

Bottom Blocker

Heavy-duty Top & Bottom Rail

Auto Open Top

Quick Release Mechanism

HSL SELF LOCKS | MATURE COW HOLSTEIN | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
107420	HSLG - 8' (2.44m) Self Locking Head-Rail	3	8'	2.44	40-7/16	1027	31-9/16	802	7-7/16	188	15-5/16	389	14-7/16	367
106420	HSLG - 10' (3.05m) Self Locking Head-Rail	5	10'	3.05	40-7/16	1027	23-3/16	589	7-7/16	188	14-7/8	378	12-13/16	325
107149	HSLG - 12' (3.66m) Self Locking Head-Rail	6	12'	3.66	40-7/16	1027	23-3/16	589	7-7/16	188	14-7/8	378	13-5/8	346

Please contact your VES-Artex representative if the information of a self-lock you're interested in is not listed above. Self-Locks 12' (3.6m) and longer require a mid-support bracket. Please refer to page 71 for mid-support options.

Improve Hygiene, Production & Enrichment

Encourage hygiene, milk production, and environmental enrichment for your herd with the Mighty Moo, a powered cow brush from VES-Artex. The brush automatically rotates when a cow engages with it and can rotate in both clockwise and counter-clockwise directions, ensuring their tail doesn't get stuck. The rocking motion allows the brush to reach where a static brush can't.

- **Durable bristles:** Made from high-quality materials, the bristles are designed to withstand frequent use.
- **Modular components:** Designed for easy assembly and installation, making it simple for your team to set up and integrate into your existing barn infrastructure.
- **Three-year mechanical warranty:** The brush mechanics come with a three-year warranty, providing peace of mind that your investment is protected.

Learn more on page 98.

Ventilation

CATTLE HANDLING

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FEED FRONTS

WIDE SELF-LOCK (WSL)

Extra Room. Easy Entry. Maximum Flexibility.

The VES-Artex Wide Self-Lock (WSL) system is designed to provide extra-wide access for herds that need more space to comfortably enter and exit the feed bunk. With a wider top and bottom opening, the WSL offers a more forgiving fit making it an ideal solution for larger animals, fresh cows, or herds not yet accustomed to self-locking feed fronts.

As the most flexible headlock option in the VES-Artex lineup, the WSL improves cow confidence and reduces hesitation at the bunk, supporting smoother flow and improved feeding behavior.

Built on the same durable platform as our Standard Self Locks, the WSL delivers trusted performance with added comfort and accessibility.
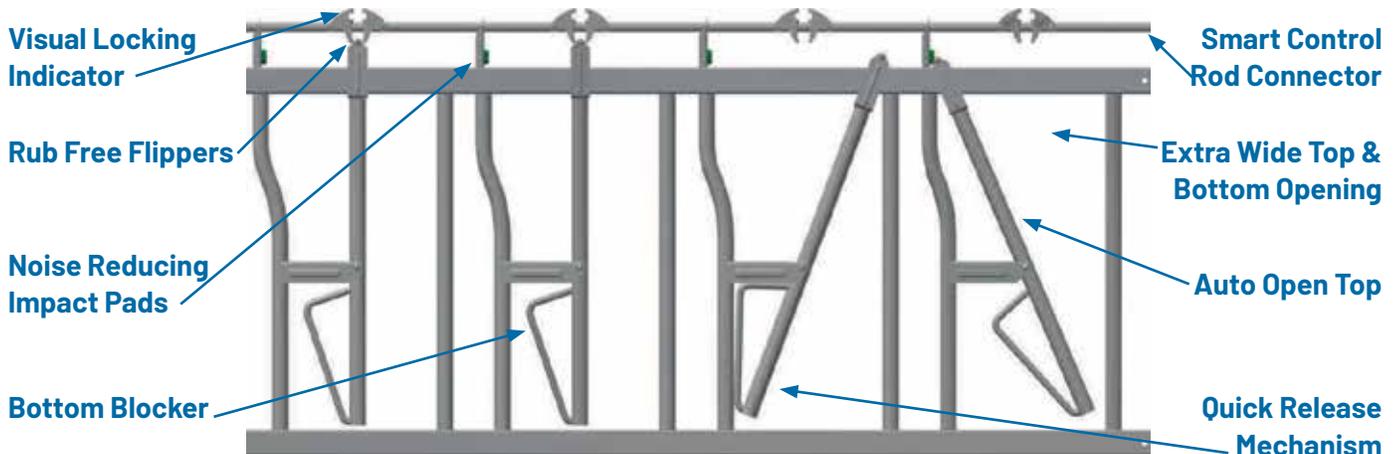
Smart Control Rod Connection

The WSL system features a round control rod with the SMART Control Rod Connector, ensuring fast, accurate installation and easy alignment. This system simplifies setup while allowing quick service and replacement when needed.

- 17" (43 cm) top opening for easy entry
- 17" (43 cm) bottom opening for smooth exit
- Extra-wide design for larger or inexperienced cows
- SMART Control Rod Connector for simple, precise installation
- Includes all standard VES-Artex self-lock features

WSL STANDARD SIZES

# of Openings	Length	
	Imperial	Metric
4	8'	2.44 m
5	10'	3.05 m
6	12'	3.66 m

Visual Locking Indicator

Rub Free Flippers

Noise Reducing Impact Pads

Bottom Blocker

Smart Control Rod Connector

Extra Wide Top & Bottom Opening

Auto Open Top

Quick Release Mechanism

Ventilation

CATTLE HANDLING

Calf Care

Automation

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Lighting

Biosecurity

FEED FRONTS

WSL SELF LOCKS | MATURE COW HOLSTEIN | HOT DIPPED

Item Number	Description	# of Openings	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)		Top Opening (E)		Bottom Opening (F)	
			ft	m	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
107335	WSLG – 8' (2.44m) Self Locking Head-Rail	4	8'	2.44	39-1/16	992	22-11/16	576	7-3/4	197	17	432	17	432
107284	WSLG –10' (3.05M) Self Locking Head-Rail	5	10'	3.05	39-1/16	992	22-13/16	580	7-3/4	197	17	432	17	432
107142	WSLG – 12' (3.66M) Self Locking Head-Rail	6	12'	3.66	39-1/16	992	22-13/16	580	7-3/4	197	17	432	17	432

Please contact your VES-Artex representative if the information of a self-lock you're interested in is not listed above. Self-Locks 12' (3.6m) and longer require a mid-support bracket. Please refer to page 71 for mid-support options.

SMART CONTROL ROD CONNECTOR
Faster Installation. Smarter Connection. Built the VES-Artex Way.

The VES-Artex SMART Control Rod Connector delivers the simplicity installers want with the precision producers depend on. Standard on CSL and WSL Self Lock systems, this innovative design combines the ease of a round control rod with the secure, accurate connection traditionally found only in square rod systems.

No complicated alignment. No wasted time. Just a smarter way to connect.

Why It Matters
- Install Faster: The SMART connector design allows quick, straightforward assembly—reducing installation time and labor costs.
- Precision Performance: Achieve consistent, reliable lock engagement across the entire feed front with a secure, accurate connection.
- Simplified Maintenance: Easier removal and reconnection make adjustments, repairs, and expansions faster and more efficient.
- Built for Real-World Conditions: Engineered to perform in demanding dairy environments with the durability and reliability VES-Artex is known for.

The Bottom Line
Smarter connection. Faster setup. Proven VES-Artex durability.

FEED STALLS

Improve Indexing. Reduce Competition. Maximize Feed Access.

VES-Artex Feed Stalls are designed to further optimize feed bunk utilization by helping cows index properly at the feed front. When paired with self-locking headlocks or feed rails, feed stalls create defined feeding positions—reducing crowding, minimizing bullying, and ensuring every cow has access to her ration.

Built for durability and daily use, feed stalls mount directly to the HSL Self Lock system or feed rails, providing a seamless extension to your feeding setup. Available in pre-galvanized or fully hot-dipped galvanized finishes, VES-Artex feed stalls deliver long-lasting performance in high-moisture barn environments.

The result is improved cow flow, better feed intake consistency, and a calmer feeding environment—supporting both herd health and operational efficiency.

Item Number	Description	Length (A)		Height - Top to Bottom of Frame (B)		Animal Spacing (C)		Neck Opening (D)	
		ft	m	Inch	mm	Inch	mm	Inch	mm
106974	47-1/8" (1198mm) Feed Stall Divider 2-3/8" (60mm). Pre-galvanized.	47 1/8	1198	2 3/8	60	1/8	3	37 11/16	957
108024	54 5/8" (1389mm) Feed Stall Divider. Pre-galvanized.	54	1389	2 3/8	60	1/8	3	37 11/16	957

Item Number	Description	Clamp Pipe Diameter (B)	
		Inch	mm
108026	Feed Stall Mounting Clamp to 2 3/8" (60mm) Rail. Hot dipped. Kit (2xMount/Hdw)	2-3/8	60
106960	Mounting Clamp for 2-3/8" (60mm) Feed Stall Divider to HSL (70mm Rail) Self Locker. Hot Dipped. Kit (2x Mount/Hdw)	2-3/8	60
107584	Feed Stall Mounting Clamp to 3" (60mm) Post. Hot Dipped. Kit (2xMount/Hdw)	2-3/8	60

STANDARD SELF LOCKS | EASY MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	106676	Self Lock Easy Mount Clamp for 8/10 Self Lock	Round	2-7/8 & 3	73 & 76	4-1/4	108	Kit (2 x Clamp/Hdw)
	106497	Self Lock Easy Mount Clamp	Round	2-7/8 & 3	73 & 76	5-1/8	130	Kit (2 x Clamp/Hdw)
	106531	Self Lock Easy Mount Clamp	Round	3-1/2	89	5-1/8	130	Kit (2 x Clamp/Hdw)
	106620	Self Lock Easy Mount Clamp	Round	4	102	5-1/8	130	Kit (2 x Clamp/Hdw)
	106512	Self Lock Easy Mount Clamp	Round	4-1/2	114	5-1/8	130	Kit (2 x Clamp/Hdw)
	107121	Self Lock Easy Mount Clamp	Round	5-9/16	141	5-1/8	130	Kit (2 x Clamp/Hdw)
	107135	Self Lock Easy Mount Clamp	Square	6 x 6	152 x 152	5-1/8	130	Kit (2 x Clamp/Hdw)

STANDARD SELF LOCKS | TILT MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	107340	Self Lock Extended Tilt Mount Bracket (Top)	Round	2-7/8 & 3	73 & 76	4	102	Kit (1 x Bracket w/ Hardware)
	106977	Self Lock Tilt Mount Bracket (Top)	Round	4-1/2	114	4	102	Kit (1 x Bracket w/ Hardware (Including U-Bolts)
	106611	Self Lock Tilt Mount Bracket (Top) – U-Bolt Not Included	Round & Square	2-7/8, 3, 3-1/2	73, 76, 89	4	102	Kit (1 x Bracket w/ Hardware (U-Bolts Not included)

IN STOCK, READY TO SHIP!

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

STANDARD SELF LOCKS | TILT MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	107529	Self Lock Tilt Mount Bracket (Top)	Round	6-5/8	168	4	102	Kit (1 x Bracket w/ Hardware)
	107365	Self Lock Tilt Mount Bracket (Top) for Square Post - Weld On	Square	NA	NA	4	102	Kit (1 x Bracket / Hdw)
	107431	Self Lock Tilt Mount Bracket (Bottom) - Clamp On	Round	3	76	N/A	N/A	Kit (1 x Bracket w/ Hardware)
	107429	Self Lock Tilt Mount Bracket (Bottom) - Clamp On	Round	3-1/2	89	N/A	N/A	Kit (1 x Bracket w/ Hardware)
	107877	Self Lock Tilt Mount Bracket (Bottom) - Bolt On	Round	4	102	N/A	N/A	Kit (Bracket w/ Hardware)
	107432	Self Lock Tilt Mount Bracket (Bottom) - Clamp On	Round	4-1/2	114	N/A	N/A	Kit (1 x Bracket w/ Hardware)
	107435	Self Lock Tilt Mount Bracket (Bottom) - Clamp On	Round	6-5/8	168	N/A	N/A	Kit (1 x Bracket w/ Hardware)
	106661	Self Lock Tilt Mount Bracket (Bottom) - Weld On	Round or Square	Any Size	Any Size	NA	NA	Kit (1 Left, 1 Right)
	106609	Self Lock Tilt Mount Bracket (Bottom) for Square Post - Weld On or Wood Post	Square	Any Size	Any Size	3-15/16	100	Kit (1 Left, 1 Right Brkt, No Hdw)
	106617	Self Lock Tilt Mount Bracket - Weld On (Bottom)	Round	2-7/8, 3 & 3-1/2	73, 76 & 89	N/A	N/A	Kit (1 Left, 1 Right Brkt, No Hdw)
	107364	Self Lock Tilt Mount Bracket (Bottom) - Weld On	Square	NA	NA	2-3/4	70	Kit (1 left, 1 Right Brkt)
	108044	Self Lock Tilt Mount Bracket End of Row (Bottom) - Clamp On	Round	3	76	N/A	N/A	1 EA
	106059	Self Lock Tilt Mount Bracket End of Row (Bottom) - Clamp On	Round	4	102	N/A	N/A	1 EA

STANDARD SELF LOCKS | ANGLE BRACKET MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	106568	Self Lock Angle Bracket Mount	Round	2-7/8 & 3	73 & 76	5 ½	140	Kit (2 x Bracket/ Hdw)
	106569	Self Lock Angle Bracket Mount	Round & Square	2-7/8 & 3	73 & 76	8-1/4	210	Kit (2 x Bracket/ Hdw)
	106570	Self Lock Angle Bracket Mount	Round & Square	2-7/8 & 3	73 & 76	12-3/8	315	Kit (2 x Bracket/ Hdw)
	107241	Self Lock Angle Bracket Mount	Square	3-1/8 x 3-1/8	80 x 80	12-3/8	315	Kit (2 x Bracket/ Hdw)

STANDARD SELF LOCKS | HINGE MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	106803	Self Lock Hinge Bracket	Round	2-7/8 & 3	73 & 76	5-1/2	140	Kit (2 x Brkt/Hdw)
	106721	Self Lock Hinge Bracket	Round	3-1/2	89	5-1/2	140	Kit (2 x Brkt/Hdw)
	106725	Self Lock Hinge Locking Pin	n/a	n/a	n/a	n/a	n/a	1 EA
	106722	Self Lock Wood Plank Bracket	n/a	n/a	n/a	21	533	1 EA

HEAVY DUTY SELF LOCKS | MOUNTS | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	106595	HSL Self Lock Easy Mount Clamp. Hot Dipped.	Round	2-7/8 & 3	73 & 76	5-1/8	130	Kit (2 x Clamp/Hdw)
	106817	HSL Self Lock Tilt Mount Bracket (Top). Hot Dipped.	Round & Square	2-7/8, 3, 3-1/2 & 4	73, 76, 89 & 102	5-1/8	130	Kit (1 x Bracket w/ Hardware (U- Bolts Not included)
	106634	HSL Self Lock Tilt Mount Bracket (Bottom). Hot Dipped.	Square	2-3/4 x 2- 3/4	Wood Posts	4-5/16	110	Kit (1 Left, 1 Right Brkt, No Hdw)
	106687	HSL Self Lock Pinch Mount. Hot Dipped.	Square	6 x 6	152 x 152	4	102	Kit (2 x Clamp/Hdw)
	106957	HSL Self Lock Wood Plank Bracket. Hot Dipped.	n/a	Wood Only	Wood Only	n/a	n/a	1 EA
	106725	Self Lock Hinge Locking Pin. Hot Dipped.	n/a	n/a	n/a	n/a	n/a	1 EA

CURVED SELF LOCKS | MOUNTS | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		Face Length		QTY/Kit
				Inch	mm	Inch	mm	
	107120	CSL Self Lock Easy Mount Clamp. Hot Dipped.	Round	2-7/8 & 3	73 & 76	5-1/8	130	Kit (2 x Clamp/Hdw)
	107263	CSL Self Lock Easy Mount Clamp. Hot Dipped.	Round	3-1/2	89	5-1/8	130	Kit (2 x Clamp/Hdw)
	118468	CSL Self Lock Easy Mount Clamp. Hot Dipped.	Round	4	102	5-1/8	130	Kit (2 x Clamp/Hdw)
	106648	CSL Self Lock Easy Mount Clamp. Hot Dipped.	Round	4-1/2	114	6-1/3	160	Kit (2 x Clamp/Hdw)
	106645	CSL Self Lock Tilt Mount Bracket (Bottom) - Weld On. Hot Dipped.	Round	2-7/8, 3, & 3-1/2	73, 76 & 89	NA	NA	Kit (1 Left, 1 Right Brkt, No Hdw)
	107312	CSL Self Lock Tilt Mount Bracket (Bottom) - Weld On. Hot Dipped.	Square	All Posts	All Posts	NA	NA	Kit (1 Right, 1 Left Brkt, No Hdw)
	107161	CSL Self Lock Extended Tilt Mount Bracket (Top). Hot Dipped.	Round	2-7/8 & 3	73 & 76	4	102	Kit (1 x Brkt/Hdw)
	106644	CSL Self Lock Pinch Mount (Top). Hot Dipped.	Round	2-7/8, 3, 3-1/2, & 4	73, 76, 89, & 102	5-1/8	130	Kit (1 x Brkt/U-Bolts Not Included)
	107525	CSL Self Lock Tilt Mount Bracket (Top) - Weld On. Hot Dipped.	Square	All Posts	All Posts	4	102	Kit (1 x Brkt/Hdw)
	106724	Sloped Feed-Rail Hinge Bracket. Hot Dipped.	Round	3	73/76	N/A	N/A	Kit (2 x Brkt/Hdw)
	106726	Sloped Feed-Rail Hinge Locking Pin. Hot Dipped.	NA	N/A	N/A	N/A	N/A	1 EA
	106727	Sloped Feed-Rail Gate - Wood Plank Mounting Bracket. Hot Dipped.	NA	N/A	N/A	N/A	N/A	Kit (1 x Mount/Hdw)
	107778	CSL Self Lock Angle Bracket Mount. Hot Dipped.	Round	2-7/8 & 3	73 & 76	12-3/8	315	Kit (2 x Bracket/ Hdw)

CONTROL HANDLE | HOT DIPPED

Image	Item Number	Description	Rod	Associated With	QTY/Kit
	106656	Control Handle. Hot Dipped	Round	CSL	Kit(1 x Handle/ Tube Support/ Hardware)
	106651	Control Handle. Hot Dipped	Round	HSL	Kit(1 x Handle/ Tube Support/ Hardware)
	106643	Control Handle. Hot Dipped	Round	Standard	Kit(1 x Handle/ Tube Support/ Hardware)
	106657	Control Handle (2018). Hot Dipped	Round	WSL	Kit(1 x Handle/ Tube Support/ Hardware)

ACCESSORIES | SELF LOCK MID SUPPORT | HOT DIPPED

Image	Item Number	Description	Mounting Style	Face Length		QTY/Kit
				Inch	mm	
	107242	Self Lock Mid Support Curb Face Bracket for Standard & WSL	Flush Mount	3-9/16	90	1 EA
	107526	Self Lock Mid Support Angle Bracket Clamp, Bolt On – For Flush and Tilt Mount - Standard and WSL	Flush and Tilt Mount	2-3/8	60	1 EA
	107850	CSL Self Lock Mid Support Angle Bracket Clamp, Bolt On – For Flush and Tilt Mount	Flush and Tilt Mount	2-3/8	60	1 EA
	107527	Self Lock Mid Support Angle Bracket for HSL Self Locks	Flush and Tilt Mount	3-1/8 x	79 x 70	1 EA

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ACCESSORIES | SELF LOCK BOLT ON TOWERS | HOT DIPPED

Image	Item Number	Description	QTY/Kit
	107582	Bolt On Tower – Standard Self Lock	1 EA
	107785	Bolt On Tower – CSL Self Lock	1 EA
	107944	Bolt On Tower – HSL Self Lock	1 EA
	107960	Bolt On Tower – WSL Self Lock	1 EA

ACCESSORIES | WHEEL KIT

Image	Item Number	Description	Post Size		Compatible with	Wheel Swivel
			Inch	mm		
	106556	Wheel Kit for Hinged Self Locker	49-1/16	1246	Standard Self Lock	Yes
	107114	Wheel Kit for CSL HD Hinged Self Locker	49-1/16	1246	CSL and HSL	Yes

ACCESSORIES | CONTROL ROD CONNECTOR | HOT DIPPED

Image	Item Number	Description	Connector Size		Connector End Shape
			Inch	mm	
	106548	Self Lock Round Operator Bar Connector	6-5/8	168	Round
	106583	Self Lock Round Operator Bar Connector	10-1/2	266	Round
	107567	CSL Self Lock SMART Operator Bar	8-1/8	206	Round
	107570	CSL Self Lock SMART Operator Bar	7-1/8	180	Round
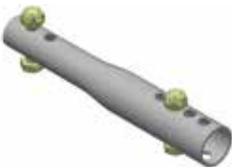
ACCESSORIES | LOCK UP BRACKETS | HOT DIPPED

Image	Item Number	Description
	107082	HSL Self Lock Individual Lock Up Brackets for Self Lock Flippers
	106235	Self Lock Individual Lock Up Brackets for Standard and WSL Self Lock
	107872	CSL Individual Lock Up Pin
	107859	CSL Individual Lock Up Pin Storage Bracket – U-Bolt & Lock Up Pins Not Included

SELF LOCK COMPONENTS | REPLACEMENT PARTS

Image	Item Number	Description	Quantity
	106543	Self Lock Adjustable Upright - Heifer Height	1 EA
	117258	Self Lock Plastic Sleeve for Swing Arm for Standard (SLG) and Wide Self-Lock (WSL)	1 EA
	119855	Self Lock Plastic Sleeve for Swing Arm for Curved Self Locks (CSL)	1 EA
	117255	Self Lock Rubber Dampener - for Standard Self Lock	Kit (1 EA/Hdw)
	107127	Self Lock Adjustable Upright – Mature Cow Height	1 EA
	119842	WSL Self Lock Rubber Bumper	1 EA
	119857	CSL Press In Rubber Bumper	1 EA

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ADJUSTABLE FEED RAIL COMPONENTS | POST & HINGE MOUNT | HOT DIPPED

Image	Item Number	Description	Post Type	Post Size		QTY/Kit
				Inch	mm	
	106436	Sloped Feed Rail Internal Mount	Round	2-7/8 & 3	73 & 76	Kit (2 x Mounts/Hdw)
	106437	Sloped Feed Rail Internal Mount	Round	3-1/2	89	Kit (2 x Mounts/Hdw)
	107513	Sloped Feed Rail Mount Between Posts. Weld-on Mount.	Round	3	76	Kit (2 x Mount/Hdw)
	106724	Sloped Feed-Rail Hinge Bracket	Round	3	76	Kit (2 x Brkt/Hdw)
	106726	Sloped Feed-Rail Hinge Locking Pin	NA	N/A	N/A	1 EA
	106727	Sloped Feed-Rail Gate,	NA	N/A	N/A	Kit (1 x Mount/Hdw)

ADJUSTABLE SLOPED FEED RAIL COMPONENTS | DIVIDER ASSEMBLY | HOT DIPPED

Image	Item Number	Description	QTY/Kit
	106459	Sloped Feed Rail Adjustable Divider	Kit (1 x Divider/Hdw)
	106494	Sloped Feed Rail End of Frame Blocker Need 2 per Panel	Kit (1 x Divider/Hdw)
	107144	Sloped Feed-Rail Clamp	1 Clamp (2 x Bracket/Hdw)

ADJUSTABLE SLOPED FEED RAIL TUBE | HOT DIPPED

Image	Item Number	Description	Length		Outside Diameter		QTY/Kit
			Ft	m	Inch	mm	
	106261	Sloped Feed Rail Top and Bottom Rails	8	2.44	2-3/8	60	1 EA
	106260	Sloped Feed Rail Top and Bottom Rails	10	3.02	2-3/8	60	1 EA
	106259	Sloped Feed Rail Top and Bottom Rails	12	3.6	2-3/8	60	1 EA

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FEED RAILS & FEED RAIL MOUNTING CLAMPS

Image	Item Number	Description	Post Size		Feed Rail Size		Feed Rail Offset		QTY/Kit
			Inch	mm	Inch	mm	Inch	mm	
	106628	Feed Rail Mounting Clamp. Round Post	2-7/8 & 3	73 & 76	2-3/8	60	6	152	Kit (1 x Clamp/Hdw)
	116611	Feed Rail Mounting Clamp	4	102	2-3/8	60	5-15/16	150	Kit (1 x Clamp / Hdw)
	109392	Feed Rail Mounting Clamp	4-1/2	114	2-3/8	60	5-1/8	129.7	Kit (1 x Clamp / Hdw)
	117499	Feed Rail Mounting Clamp	5-9/16	141	2-3/8	60	5-5/8	143.4	Kit (1 x Clamp / Hdw)
	106980	Feed Rail Mounting Clamp for Round Post	6-5/8	168	2-3/8	60	5	127	Kit (1 x Clamp/Hdw)
	106772	Feed Rail Mounting Clamp for Square Post	4	102	2-3/8	60	6	152	Kit (1 x Clamp/Hdw)
	117029	Feed Rail Mounting Clamp for Square Post	5	127	2-3/8	60	5-5/16	151	Kit (1 x Clamp/Hdw)
	107659	Feed Rail Mounting Clamp for Square Post	6	152	2-3/8	60	5-9/16	141	Kit (1 x Clamp/Hdw)
	107090	Feed Rail Mounting Clamp - Bolt On for Wood Post	NA	NA	2-3/8	60	6-9/16"	167	Kit (1 x Clamp / Hdw)

HEAVY-DUTY MANURE GRATES

VES-Artex Manure Grates are engineered to provide safe, reliable crossings while supporting efficient manure management in high-traffic dairy and livestock areas. Designed for durability and animal safety, these grates allow manure to pass through while maintaining secure footing for cattle and equipment.

Constructed with a heavy-duty 4" x 4" angle iron frame, VES-Artex manure grates are built to withstand the weight and movement of skid steers, service vehicles, and livestock without flexing or failure. The 45-degree angled horizontal slats distribute weight evenly, reduce hoof stress, and provide ample traction for cows crossing the grate with confidence.

Available in hot-dipped galvanized or stainless-steel finishes, VES-Artex manure grates deliver long-term corrosion resistance in wet, high-exposure barn environments. Multiple perimeter styles and sizing options ensure compatibility with a wide range of layouts.

Product Details

- Heavy-duty 4" x 4" angle iron framework
- Horizontal slat design for safe animal footing
- 45-degree angled slats for effective load distribution
- Designed for cattle and equipment traffic
- Hot-dipped galvanized or stainless-steel finishes
- Built for long service life in demanding barn conditions

VES-Artex manure grates provide a dependable, low-maintenance solution that improves cleanliness, safety, and efficiency throughout your facility.

Item Number	Grate Style	Finish	Length		Width		Bar Slat Dimension	
			Inch	cm	Inch	cm	Inch	cm
108186	Standard	Galvanized	40	101.6	12	30.5	¼ x 1	0.64 x 2.54
108187	Standard	Stainless	40	101.6	12	30.5	¼ x 1	0.64 x 2.54
108188	Standard	Galvanized	34-7/8	88.6	20	50.8	5/16 x 1-9/16	0.79 x 3.97
115314	Standard	Stainless	34-7/8	88.6	20	50.8	5/16 x 1-9/16	0.79 x 3.97
115716	Heavy-duty	Galvanized	72	182	17	43.18	½ x 2-½	1.27 x 6.35
115717	Heavy-duty	Black	72	182	17	43.18	½ x 2-½	1.27 x 6.35

EMBEDMENTS

Ventilation

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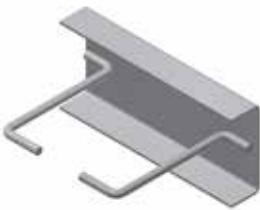Cooling

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EMBEDMENTS

VES-Artex Embedments provide a strong, permanent foundation for cattle handling and freestall systems, ensuring long-term stability in high-stress livestock environments. Designed to be cast directly into concrete, embedments create a secure anchoring point for posts, rails, gates, feed fronts, and other critical barn components.

Manufactured from heavy-gauge steel and finished with hot-dipped galvanization, VES-Artex embedments are built to resist corrosion, moisture exposure, and chemical wear commonly found in dairy and livestock facilities. Their precision-engineered design ensures proper alignment during installation, helping reduce setup time while delivering consistent structural integrity.

Embedments are ideal for new construction and major renovations for long-term durability, clean installation, and reduced maintenance. By eliminating surface-mounted hardware in high-impact areas, embedments improve safety, appearance, and system longevity throughout the barn.

CHANNEL EMBEDMENTS | HOT DIPPED

Image	Item Number	Description	Width		Length		QTY/Kit
			Inch	mm	Inch	mm	
	107008	End Channel For Concrete Wall	8	203	18	457	1 EA
	107388	End Channel For Concrete Wall	8	203	18	457	1 EA
	119523	End Channel For Concrete Wall	8	203	30	762	1 EA
	107009	End Channel For Concrete Wall	6	152	47	1194	1 EA
	107321	End Channel For Concrete Wall	8	203	47	1194	1 EA
	107007	End Channel For Concrete Wall	10	254	47	1194	1 EA
	119622	End Channel For Concrete Wall	14	356	60	1524	1 EA
	107388	Bull Nose End Channel	8	203	18	457	1 EA
	107854	Bull Nose End Channel	10	254	18	457	1 EA
	118039	Bull Nose End Channel	8	203	21	533	1 EA
	119620	Bull Nose End Channel	8	203	48	1219	1 EA
	119619	Bull Nose End Channel	8	203	60	1524	1 EA

COW & FLOW MANAGEMENT

Effective cow flow is essential to maintaining calm, efficient movement throughout the barn. VES-Artex Cow & Flow Management solutions are designed to guide cattle naturally, reduce stress, and improve labor efficiency across all areas of the facility—from pens and crossovers to parlors and holding areas.

Built around proven animal behavior principles, these systems encourage smooth, predictable movement while minimizing crowding, hesitation, and bottlenecks. Strategic use of gates, fencing, posts, and control points helps staff direct cows safely and confidently, reducing handling time and improving overall workflow.

Constructed from heavy-duty, hot-dipped galvanized steel, VES-Artex cow flow components are engineered for long-term durability in high-traffic environments. Modular designs allow systems to be customized for each facility and easily adapted as herd size, management style, or barn layout changes.

By improving movement efficiency and reducing handling stress, VES-Artex Cow & Flow Management solutions support better cow comfort, safer working conditions, and more productive daily operations.

- Encourages calm, natural cow movement
- Reduces stress and congestion in high-traffic areas
- Improves labor efficiency and handling safety
- Modular designs for flexible layouts and future changes
- Heavy-duty, corrosion-resistant steel construction
- Seamless integration with VES-Artex cattle handling systems

ADJUSTABLE GATES

ADJUSTABLE GATES

VES-Artex Adjustable Gates provide unmatched flexibility for managing cow flow in dynamic dairy and livestock environments. Designed to adapt to changing layouts, herd sizes, and management needs, these gates allow producers to fine-tune spacing without replacing equipment—saving time, labor, and cost.
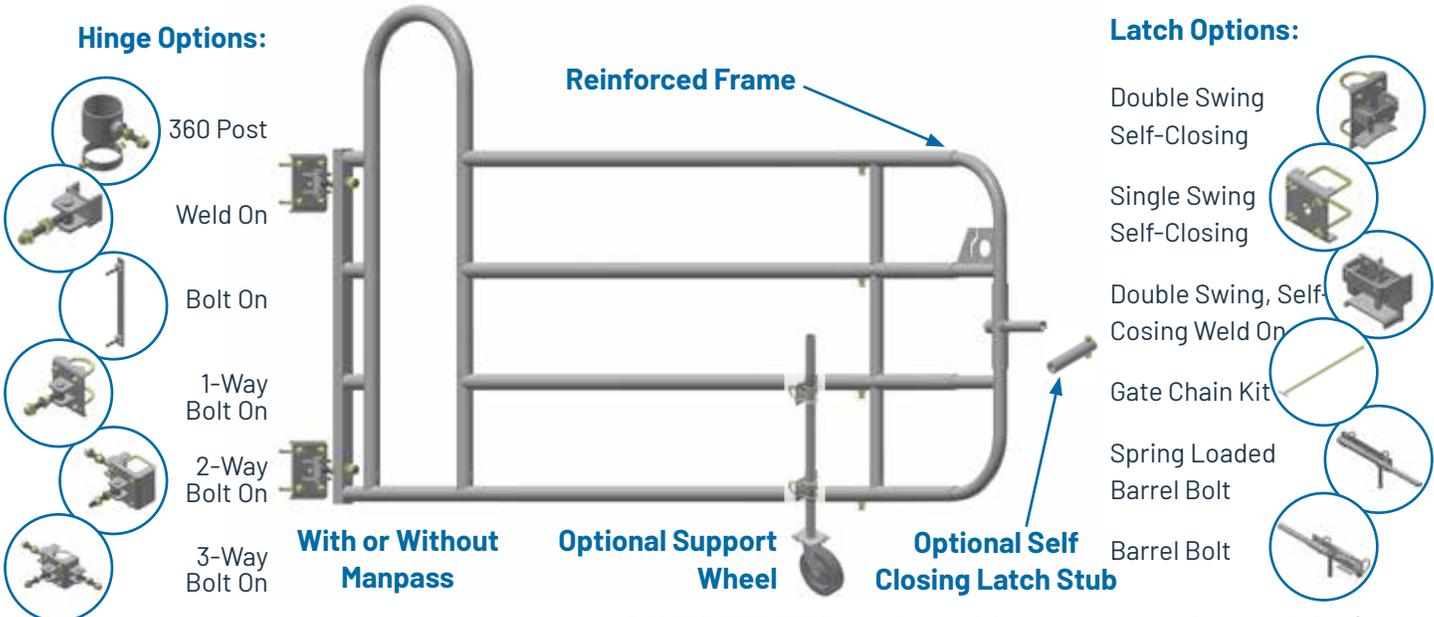
Featuring a telescoping design, VES-Artex adjustable gates expand or contract to fit a wide range of openings, making them ideal for both new construction and retrofit applications. Whether used in alleys, crossovers, holding areas, or pens, these gates deliver reliable containment while allowing smooth, stress-free animal movement.

Constructed from heavy-duty steel tubing and finished with hot-dipped galvanization, adjustable gates are built to withstand constant animal contact, moisture exposure, and daily operation in demanding barn conditions. Their robust design ensures long service life with minimal maintenance.

- Telescoping design for flexible width adjustment
- Heavy-duty steel construction
- Hot-dipped galvanized for corrosion resistance
- Easy installation and reconfiguration
- Compatible with VES-Artex posts, fencing, and cow flow systems
- Ideal for new builds and retrofit facilities

VES-Artex Adjustable Gates give producers the control they need to manage movement efficiently—supporting safer handling, improved workflow, and long-term operational flexibility.

Hinge Options:

360 Post

Weld On

Bolt On

1-Way Bolt On

2-Way Bolt On

3-Way Bolt On

Reinforced Frame

With or Without Manpass

Optional Support Wheel

Optional Self Closing Latch Stub

Latch Options:

Double Swing Self-Closing

Single Swing Self-Closing

Double Swing, Self-Cosing Weld On

Gate Chain Kit

Spring Loaded Barrel Bolt

Barrel Bolt

CATTLE HANDLING

ADJUSTABLE GATES | 3, 4, 5 BAR | NO MAN-PASS | HOT DIPPED

Item Number	Description	Gate Length				Gate Height (B)		Hinge Spacing ©	
		Fully Retracted/No Hinge (A2)		Fully Extended/No Hinge & Stub (A)					
		Ft	m	Ft	m	Inch	mm	Inch	mm
3-Bar Adjustable Gates									
107183	3 Bar Gate	4	1.21	6	1.82	37-7/8	962	27-3/16	690
106342	3 Bar Gate	6	1.82	9	2.74	37-7/8	962	27-3/16	690
107179	3 Bar Gate	9	2.74	12	3.65	37-7/8	962	27-3/16	690
107180	3 Bar Gate	12	3.65	15	4.57	37-7/8	962	27-3/16	690
107181	3 Bar Gate	15	4.57	18	5.48	37-7/8	962	27-3/16	690
107182	3 Bar Gate	18	5.48	21	6.40	37-7/8	962	27-3/16	690
107678	3 Bar Gate	24	7.32	27	8.23	37-7/8	962	27-3/16	690
107921	3 Bar Gate	24	641	21-24	6.4-7.3	37-7/8	962	27-3/16	690
4-Bar Adjustable Gates									
107302	4 Bar Gate	3	0.91	3' 6"	1.06	40-3/4	1035	32-7/8	835
107060	4 Bar Gate	4	1.21	6	1.82	40-3/4	1035	32-7/8	835
107031	4 Bar Gate	6	1.82	9	2.74	40-3/4	1035	32-7/8	835
107043	4 Bar Gate	9	2.74	12	3.65	40-3/4	1035	32-7/8	835
107044	4 Bar Gate	12	3.65	15	4.57	40-3/4	1035	32-7/8	835
107045	4 Bar Gate	15	4.57	18	5.48	40-3/4	1035	32-7/8	835
107124	4 Bar Gate	18	5.48	21	6.40	40-3/4	1035	32-7/8	835
107123	4 Bar Gate	21	6.40	24	7.32	40-3/4	1035	32-7/8	835
107253	4 Bar Gate	24	7.32	27	8.23	40-3/4	1035	32-7/8	835
5-Bar Adjustable Gates									
107187	5 Bar Gate	4	1.21	6	1.82	40-3/4	1035	32-7/8	835
107037	5 Bar Gate	6	1.82	9	2.74	40-3/4	1035	32-7/8	835
107046	5 Bar Gate	9	2.74	12	3.65	40-3/4	1035	32-7/8	835
107047	5 Bar Gate	12	3.65	15	4.57	40-3/4	1035	32-7/8	835
107048	5 Bar Gate	15	4.57	18	5.48	40-3/4	1035	32-7/8	835
107105	5 Bar Gate	18	5.48	21	6.40	40-3/4	1035	32-7/8	835

GATES

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ADJUSTABLE GATES – HEAVY-DUTY | 1, 2, 3, & 4BAR | NO MAN-PASS | HOT DIPPED

| Item Number | Description | Gate Length | | | | Gate Height (B) | | Hinge Spacing (C) | |
| | | Fully Retracted/No Hinge (A2) | | Fully Extended/No Hinge & Stub (A) | | | | | |
		Ft	m	Ft	m	Inch	mm	Inch	mm
119242	1 Bar Heavy Duty Crossover Gate	12	3.66	16	4.88	N/A	N/A	24	610
119519	1 Bar Heavy Duty Crossover Gate	16	4.88	20	6.10	N/A	N/A	24	610
2-Bar Adjustable Heavy Duty Gates									
117477	2 Bar Heavy Duty	12	3.66	15	4.57	20	508	24	610
117478	2 Bar Heavy Duty	15	4.57	18	5.49	20	508	24	610
117479	2 Bar Heavy Duty	18	5.49	21	6.40	20	508	24	610
118934	2 Bar Heavy Duty	21	6.40	24	7.31	20	508	24	610
3-Bar Adjustable Heavy Duty Gates									
115746	3 Bar Heavy Duty	6	1.82	9	2.74	37 7/8	962	27-3/16	690
115742	3 Bar Heavy Duty	9	2.74	12	3.66	37 7/8	962	27-3/16	690
115743	3 Bar Heavy Duty	12	3.66	15	4.57	37 7/8	962	27-3/16	690
115744	3 Bar Heavy Duty	15	4.57	18	5.49	37 7/8	962	27-3/16	690
4-Bar Adjustable Heavy Duty Gates									
117452	4 Bar Heavy Duty	6	1.82	9	2.74	40-3/4	1035	32-7/8	835
120024	4 Bar Heavy Duty	9	2.74	12	3.66	40-3/4	1035	32-7/8	835
120025	4 Bar Heavy Duty	12	3.66	15	4.57	40-3/4	1035	32-7/8	835
120026	4 Bar Heavy Duty	15	4.57	18	5.49	40-3/4	1035	32-7/8	832
Bolt On Man Pass									
120125	3 Bar HD Gate Bolt On Man Pass			2.39	0.73			27 -3/16	690
120280	4 Bar HD Gate Bolt On Man Pass			2.39	0.73			32-7/8	835

120125 3-Bar HD Gate with Bolt On Man Pass

BI-FOLD GATES

VES-Artex Bi-Fold Gates provide a space-efficient, heavy-duty solution for controlling cow flow in tight or high-traffic areas. Designed to fold inward as they open, bi-fold gates reduce swing radius requirements while maintaining strong, reliable containment—making them ideal for crossovers, alleys, holding areas, and parlors.

Constructed from high-strength steel tubing and finished with hot-dipped galvanization, these gates are built to withstand constant animal contact, moisture, and daily use in demanding livestock environments. The folding design allows for smooth operation and quick adjustments, helping staff direct cattle efficiently without disrupting workflow.

VES-Artex bi-fold gates integrate seamlessly with existing fencing, posts, and cow flow systems. Available in multiple sizes and configurations, they offer flexibility for both new construction and retrofit applications.
- Space-saving bi-fold design for tight layouts
- Heavy-duty steel construction
- Hot-dipped galvanized for corrosion resistance
- Smooth, reliable operation in high-traffic areas
- Compatible with VES-Artex posts, fencing, etc.
- Ideal for crossovers, alleys, parlors, and holding areas

VES-Artex Bi-Fold Gates deliver precise control where space is limited—supporting safe movement, improved labor efficiency, and long-term durability throughout your facility.

Item Number	Description	Fate Length (A)		Gate Height (B)		Hinge Spacing (C)	
		Ft	cm	Inch	mm	Inch	mm
107942	Bi-Fold Gate Base - 4 Bar Gate for Connection With Standard 4 Bar Gates	7	213	40-3/4	1035	32-7/8	835
107259	Bi-Fold Gate Base - 4 Bar Gate For Connection With Standard 4 Bar Gates	9	274	40-3/4	1035	32-7/8	835
107308	Bi-Fold Gate Base - 4 Bar Gate for Connection With Standard 4 Bar Gates	10	304.8	40-3/4	1035	32-7/8	835
107609	Bi-Fold Gate Base – For Use with Standard 5 bar gate	7.2	220	40-3/4	1035	32-7/8	835

Item Number	Description
107307	Bi-Fold Hinge Mid Hinge– For Use with Standard Bi-Fold gate
107615	Standard Bi-Fold Gate Mid Hinge Replacement Kit

GATE COMPONENTS | BOLT ON | HOT DIPPED

Image	Item Number	Description	Pipe/Post Type	Pipe/Post Size		QTY/Kit
				Inch	mm	
	106681	Bolt On Hinge	Round Post	2-7/8 & 3	73 & 76	Kit (2 x Hinge Assembly/Hdw)
	106682	Bolt On Hinge	Round Post	3 1/2	89	Kit (2 x Hinge Assembly/Hdw)
	107094	Bolt On Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	106627	Bolt On Hinge	Round Post	4 1/2	114	Kit (2 x Hinge Assembly/Hdw)
	116192	Bolt On Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	116193	2 Way Inline Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	107034	2 Way Inline Hinge	Round Post	3-1/2	89	Kit (2 x Hinge Assembly/Hdw)
	107164	2 Way Inline Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	107740	2 Way Inline Hinge	Round Post	4-1/2	114	Kit (2 x Hinge Assembly/Hdw)
	106693	2 Way Corner Hinge	Round Post	3-1/2	89	Kit (2 x Hinge Assembly/Hdw)
	108027	2 Way Corner Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	107738	2 Way Corner Hinge	Round Post	4-1/2	114	Kit (2 x Hinge Assembly/Hdw)
	117112	2 Way Corner Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	106690	3 Way Hinge	Round Post	3-1/2	89	Kit (2 x Hinge Assembly/Hdw)
	108115	3 Way Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	107739	3 Way Hinge	Round Post	4-1/2	114	Kit (2 x Hinge Assembly/Hdw)
	118173	3 Way Hinge	Round Post	4	102	Kit (2 x Hinge Assembly/Hdw)
	107331	Offset Pipe Hinge, 360 degree Pipe hinges, zinc plated	Round Post	4-5/8	114	Kit (2 x Hinge Assembly/Hdw)
	106790	Pipe Hinge, 360 degree pipe hinges, zinc plated	Round Post	4-5/8	114	Kit (2 x Hinge Assembly/Hdw)

GATE COMPONENTS | WELD ON | HOT DIPPED

Image	Item Number	Description	Pipe/Post Type	Pipe/Post Size		QTY/Kit
				Inch	mm	
	106508	Weld On Hinge, hot dipped	NA	Any Post or Wall		Kit (2 x Hinge)
	107268	Weld-On Adjustable Gate Hinge Kit On Channel (For 4 & 5 Bar Gates Only)	N/A	Any Post or Wall		1 EA
	107587	Adjustable Gate Hinge Kit On C- Channel – Weld On (For 3-Bar Gates Only)	N/A	Any post or wall		1 EA
	107588	Adjustable Gate Hinge Kit On Plate (For 3-Bar Gates Only)	N/A	Any Post or Wall		1 EA
	106618	Adjustable Gate Hinge Kit On Plate (For 4 & 5 Bar Gates Only)	N/A	Any Post or Wall		1 EA

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GATE LATCHES | HOT DIPPED

Image	Item Number	Description	Pipe/Post Type	Pipe/Post Size Inch	mm	QTY/Kit
	106453	Barrel Bolt Latch, hot dipped	N/A	N/A		Kit (1 x Latch/Hdw)
	107510	Spring Loaded Latch	N/A	N/A		Kit (1 x Latch/Hdw)
	107405	Barrel Bolt Latch Catch, hot dipped	Any Post or Wall	N/A		1 EA c/w Hardware
	106695	Barrel Bolt Striker Plate for 4" (102mm) Square Post, hot dipped	Square Post	4 x 4	102 x102	1 Assembly
	108019	Double Swing Self Closing Latch	Round Post	2-7/8 & 3	73 & 76	Kit (1 x Latch/Hdw)
	108020	Double Swing Self Closing Latch	Round Post	3-1/2	89	Kit (1 x Latch/Hdw)
	120410	Double Swing Self Closing Latch	Round Post	4	102	Kit (1 x Latch/Hdw)
	108021	Double Swing Self Closing Latch	Round Post	4-1/2	114	Kit (1 x Latch/Hdw)
	107366	Double Swing Self Closing Latch – Weld on	Round Post	N/A		Kit (1 x Latch / Hdw)
	107412	Double Swing Vertical Action Latch -Weld On	Square Post	N/A		Wood Post/Wall Mount – Kit (1 x Latch / Hdw)
	108016	Single Swing Self Closing Latch	Round Post	2-7/8 & 3	73 & 76	Kit (1 x Latch/Hdw)
	108017	Single Swing Self Closing Latch	Round Post	3-1/2	89	Kit (1 x Latch/Hdw)
	116098	Single Swing Self Closing Latch	Round Post	4	102	Kit (1 x Latch/Hdw)
	107095	Removable Stub – 3" (76mm)	N/A	N/A		Kit (1 x Latch/Hdw)
	107032	Removable Stub – 6" (152mm)	N/A	N/A		Kit (1 x Latch/Hdw)
	107053	Gate Chain Kit – 3" (90mm)	N/A	N/A		Kit includes chain and bolt

CABLE SUPPORT | HOT DIPPED

Image	Item Number	Description	Pipe/Post Type	Pipe/Post Size		QTY/Kit
				Inch	mm	
	107176	Long Gate Cable Support Kit, 35' (11m).	N/A	N/A	N/A	Kit includes cable and connector. Top bracket sold separately.
	105675	Long Gate Cable Kit - 2-3/8" (60mm) Rail - Top Bracket Separate - for Heavy-Duty Gate	N/A	N/A	N/A	
	107177	Gate Cable Support - Top Hinge Mount	Round Post	4-1/2	114	
	107214	Gate Cable Support - Top Hinge Mount	Round Post	4	102	
	107803	Gate Cable Support - Top Hinge Mount	Round Post	5	127	
	107215	Gate Cable Support - Top Hinge Mount	Round Post	5-5/8	143	
	107216	Gate Cable Support - Top Hinge Mount	Round Post	6-5/8	168	
	107217	Gate Cable Support - Top Hinge Mount	Round Post	8-5/8	219	
	107246	Gate Cable Support - Top Hinge Mount for Wood Post	Wall/Square Post	N/A	N/A	
	107178	Gate Cable Support - Gate Eye Mount	All Gates	N/A	N/A	

GATE ACCESSORIES | HOT DIPPED

Image	Item Number	Description	Gate Length (A)	
			Inch	mm
	106558	Gate Wheel Kit	-	-
	107229	Bolt-On Man Pass for 4 & 5 bar gates only	26	661

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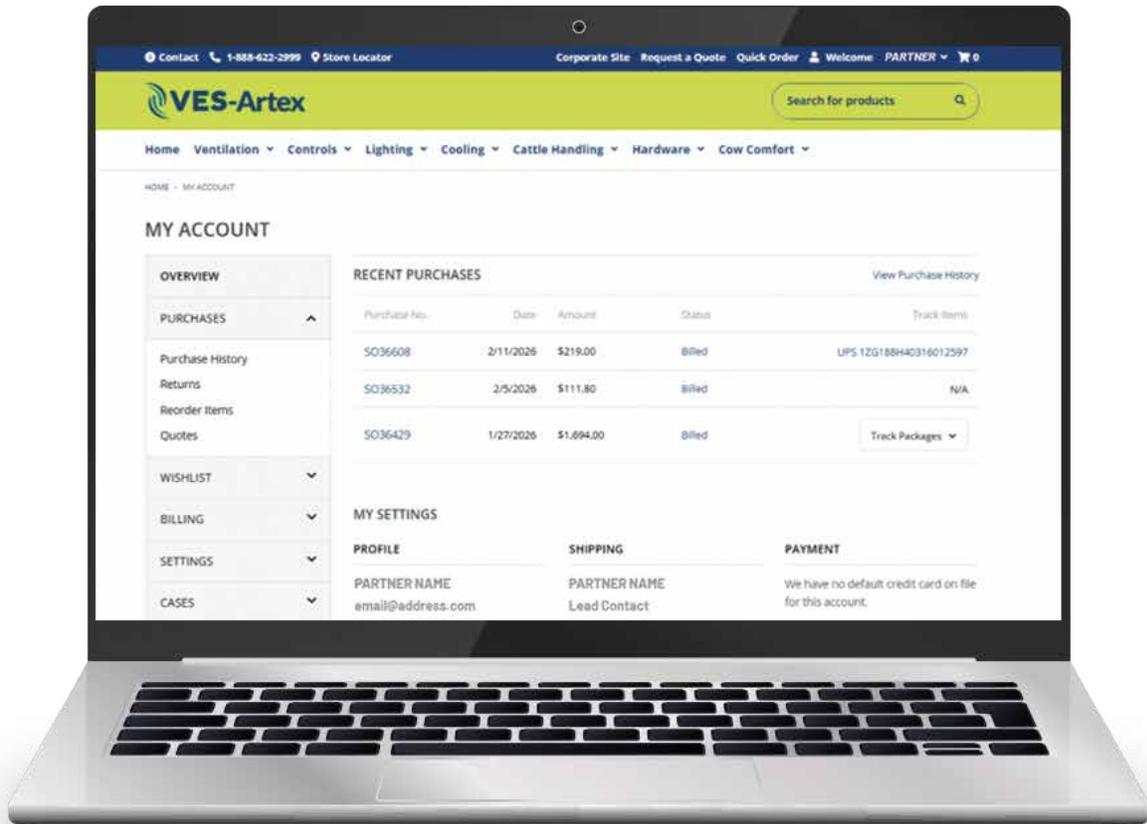
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FLIP-OVER GATES

VES-Artex Flip-Over Gates offer a simple, efficient solution for controlling cow flow while maintaining quick access for people and equipment. Designed to "flip" up and out of the way, these gates allow staff to move freely through pens and alleys without fully opening or removing a gate—saving time during daily routines.

Ideal for crossovers, sorting areas, and employee walk-through points, flip-over gates help maintain consistent cow movement while reducing unnecessary stops and starts. Their intuitive operation supports calm animal behavior and safer handling for barn personnel.

Constructed from heavy-duty steel tubing and finished with hot-dipped galvanization, VES-Artex flip-over gates are built to withstand constant use, moisture, and harsh barn conditions. The durable hinge design ensures smooth, reliable operation over the long term with minimal maintenance.

- Flip-over design for fast, convenient access
- Heavy-duty steel construction
- Hot-dipped galvanized for corrosion resistance
- Smooth, reliable hinge operation
- Ideal for crossovers, walk-throughs, and sorting areas
- Compatible with VES-Artex posts and fencing systems

VES-Artex Flip-Over Gates deliver practical control and easy access—helping improve workflow, reduce labor, and keep cattle moving efficiently throughout your facility.
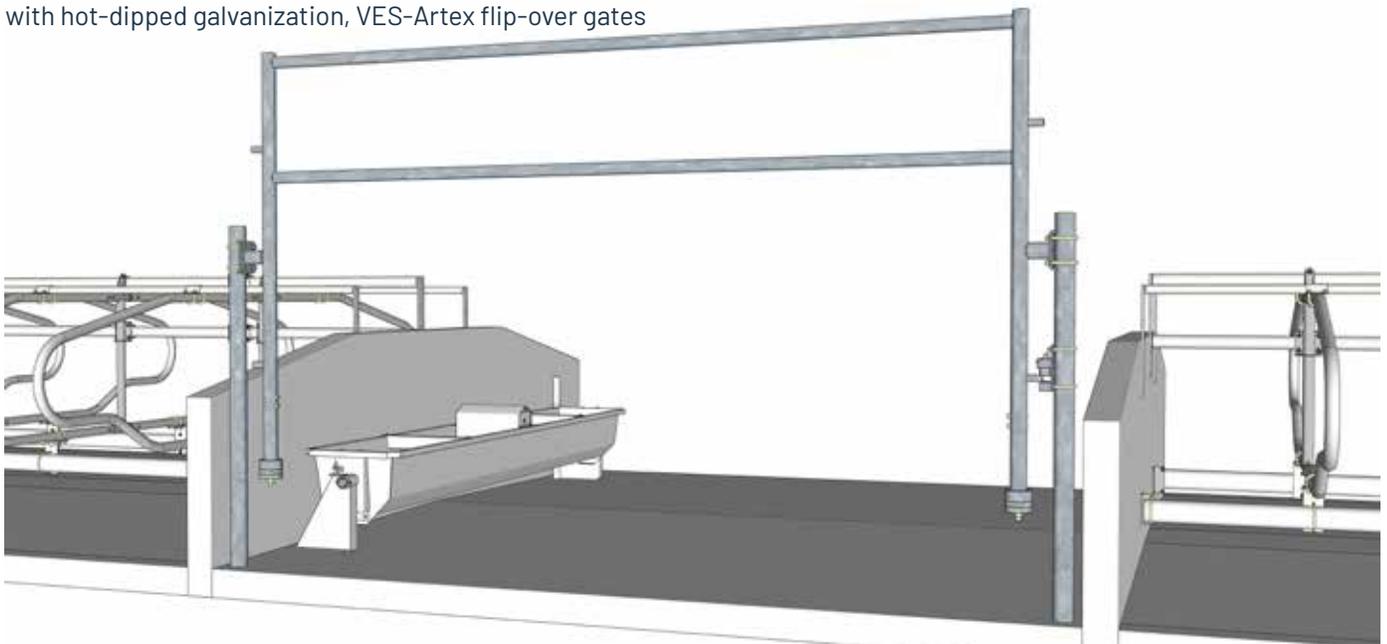
FLIP-OVER GATE COMPONENTS | HOT DIPPED

Item Number	Description	Outside Diameter (OD) (A)		Length (B)		Wall Thickness (C)		Notes
		Inch	mm	Inch	mm	Inch	mm	
106303	Round Post	3-1/2	89	78-3/4	2	3/16	4.75	Pre-galvanized
106302	Round Post	3-1/2	89	94-1/2	2.4	3/16	4.75	-
106419	Round Post	3-1/2	89	118-1/8	3	3/16	4.75	-
106315	Mounting Rail, Straight Pipe	2-3/8	60	19	5.79	1/8	3	Pre-galvanized, Swaged End
107316	Flip Over Gate Arm	2-7/8	73	85-1/8	2.16	3/16	4.6	1 EA (for two rails)

Image	Item Number	Description	Post Size		QTY/Kit
			Inch	mm	
	107314	Flip Over Gate Post Mounting Clamp Weld-on	3-1/2	89	1 EA
	107652	Flip Over Gate Counter Weight Kit (For Approx 8' (2.44m) Gate) - 2 Per Kit	N/A	N/A	2 EA (for approximately 8' (2.44m)
	107653	Flip Over Gate Counter Weight Add On Puck - 2 Required (One Each Side) per 2' (60cm) of Gate Length Past 8' (2.44m) - 2 Per Kit	N/A	N/A	2 EA
	107566	Flip Over Gate Post Mounting Clamp	3-1/2	89	1 EA
	108020	Double Swing Self Closing Gate Latch	3-1/2	89	Kit (1xLatch/Hdw)

Image	Item Number	Description	Diameter (A)		Length (B)		QTY/Kit
			Inch	mm	Inch	mm	
	106490	Kwik Bolt Wedge Anchor	½	12	3-15/16	100	Kit (1 x Wedge Bolt)

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FINGER GATES

VES-Artex Finger Gates are designed to guide cow movement efficiently while allowing controlled, one-way flow through key areas of the barn. Commonly used in sorting lanes, crossovers, and return alleys, finger gates help maintain forward motion and reduce hesitation without the need for constant manual intervention.

The flexible finger-style design allows cows to pass through smoothly while discouraging backflow, supporting calm, natural movement and improving overall traffic flow. This makes finger gates especially effective in high-traffic zones where consistency and efficiency are critical.

Constructed from durable, corrosion-resistant materials, VES-Artex finger gates are built to withstand repeated animal contact and daily use in demanding livestock environments. Their simple, low-maintenance design integrates easily with existing gating and fencing systems.

- One-way flow control for improved cow movement
- Flexible finger design to reduce hesitation and stress
- Helps prevent backflow in high-traffic areas
- Durable construction for long service life
- Low-maintenance, easy-to-install design
- Compatible with VES-Artex flow and gating systems

VES-Artex Finger Gates provide a practical solution for directing cattle movement—supporting smoother routines, reduced labor demands, and more efficient barn operation.

FINGER GATE COMPONENTS | HOT DIPPED

Image	Item Number	Description	Distance from Ground to Finger End		Width		Note
			Inch	cm	Inch	mm	
	107793	Finger Gate Individual Fingers, Hot-dipped. Recommended Spacing 11-1/4" (285cm)	63	160	n/a	n/a	Kit (1 x Finger/Hdw)

Image	Item Number	Description	Length		Width		Note
			Inch	mm	Inch	mm	
	107844	Finger Gate Single Finger Training Pin w/Rubber Handle	10-1/16	256	n/a	n/a	1 EA
	107847	Finger Gate Training Pin Storage - Used for 34506 Training Pins. Holds 6 pins.	11-7/16	290	n/a	n/a	1 EA - Holds (6) Locking Pins

Item Number	Description	Post Size		Width		Note
		Inch	mm	Inch	mm	
107797	Finger Gate Rail Mount For Rectangle 6-5/16" x 3-1/8" (160mm x 80mm) Rail to 4-1/2" (114mm) Post.	4 to 4-4 ½	102 to 114	n/a	n/a	Kit (1 x Mount/Hdw) Post U-Bolts Included
108039	Finger Gate Rail Mount For Rectangle 6-5/16" x 3-1/8" (160mm x 80mm) Rail to 5" (127mm) Post.	5	127	n/a	n/a	Post U-Bolts Included
108038	Finger Gate Rail Mount For Rectangle 6-5/16" x 3-1/8" (160mm x 80mm) Rail to 6-5/8" (168mm) Post.	6-5/8	160	n/a	n/a	Post U-Bolts Included
108037	Swinging Gate Cable Support – Top Hinge Mount	6-5/8	168	n/a	n/a	Top Hinge Mount
116920	Gate Cable Support – for Square Post	7-7/8	200	n/a	n/a	Top Hinge Mount
107772	Swinging Finger Gate Cable Support Kit - 22' (6.7m) Cable Length - Top Post Mount To Be Ordered Separately	22'	6.7 meters	n/a	n/a	Kit includes cable and connector. Top bracket sold separately.
107804	Finger Gate Post Hinge Support Ring for 5" (127mm) OD Post	5	127	n/a	n/a	1 EA

FINGER GATE COMPONENTS | HOT DIPPED

Item Number	Description	Shape	Post Size		Note
			Inch	mm	
107711	Swinging Finger Gate Mounting Post 5" (127mm) OD x 3/16" (4mm) Wall x 236-1/4" (6.0m) Length	5	127	Wall	Length: 3/16" (4mm)
107772	Swinging Finger Gate Cable Support Kit - 22' (6.7m) Cable Length - Top Post Mount To Be Ordered Separately	22	6.7	Cable	Kit - Top Post Mount Ordered Separate
107774	Swinging Finger Gate Hinge Kit For 5" (127mm) Post	5	127	Hinge	Kit
107902	Swinging Finger Gate Latch Kit For 5" (127mm) Post	5	127	Latch	Kit
108034	Swinging Finger Gate Hinge Kit For 6-5/8" (168mm) Post	6-5/8	168	Hinge	Kit
107839	Finger Gate Heat Shrink Post Sleeve Protector for 5" (127mm) OD Post	5	127	Sleeve	1 EA
107841	Finger Gate Heat Shrink Post Sleeve Protector for 3-1/2" (89mm) & 4" (102mm) OD Post	3 ½	102	Sleeve	1 EA
107840	Finger Gate Heat Shrink Post Sleeve Protector for 4-1/2" (114mm) OD Post	4-1/2	114	Round	1 EA

Image	Item Number	Description	Outside Diameter (OD)		Length		Wall Thickness		Note
			Inch	mm	Feet	Meters	Inch	mm	
	107807	Finger Gate Rectangular Mounting Rail	6 5/16 x 3 1/8	160 x 80	3' 3-15/16"	1	1/8"	3.75	1 EA
	107808	Finger Gate Rectangular Mounting Rail	6 5/16 x 3 1/8	160 x 80	4' 11"	1.5	1/8"	3.75	1 EA
	107809	Finger Gate Rectangular Mounting Rail	6 5/16 x 3 1/8	160 x 80	6' 6-3/4"	2	1/8"	3.75	1 EA
	107810	Finger Gate Rectangular Mounting Rail	6 5/16 x 3 1/8	160 x 80	9' 10"	3	1/8"	3.75	1 EA
	107811	Finger Gate Rectangular Mounting Rail	6 5/16 x 3 1/8	160 x 80	19' 8"	6	1/8"	3.75	1 EA
	107497	Finger Gate Rectangular Mounting Rail – Heavy Duty	6 5/16 x 3 1/8	160 x 80	19' 8"	6	3/16"	4.75	1 EA

Image	Item Number	Description	Length		Width		Note
			Feet	Meters	Inch	mm	
	107845	Finger Gate Individual Finger Lifting Device	N/A	N/A	N/A	N/A	1 EA
	107972	Finger Gate Water Trough/Aqua Dump Guard – 37 1/16" (941mm) Width	56-5/8	1438.5	32-15/16	837	1 EA

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ADJUSTABLE FENCING

VES-Artex Adjustable Fencing delivers a flexible, cost-effective solution for managing pens, alleys, and animal flow in dairy and livestock facilities. Designed to adapt as herd size, facility layout, or management needs change, this modular fencing system allows producers to reconfigure spaces without replacing equipment.

Featuring a telescoping design, each fencing section adjusts easily to fit a wide range of openings, making installation fast and future changes simple. Panels are cemented into place without on-site welding, reducing installation time while ensuring long-term structural stability.

All components are constructed from heavy-duty steel and finished with hot-dipped galvanization to resist corrosion in wet, high-traffic barn environments. A wide selection of panels, connectors, and accessories allows the system to be fully customized for each facility.

- Telescoping panels for adjustable width
- Modular design for flexible layouts

- Heavy-duty steel construction
- Hot-dipped galvanized for long service life
- No on-site welding required
- Compatible with VES-Artex gates, posts, and cow flow systems

VES-Artex Adjustable Fencing provides durable containment with the flexibility modern operations need—supporting safer handling, efficient workflows, and long-term adaptability.

FENCES

ADJUSTABLE FENCE

Item Number	Description	Length		Vertical Rail Spacing	
		Feet	Meters	Inch	mm
2-Bar Adjustable Fence					
118217	2 Bar Adjustable Fence	1' – 4'	0.3m – 1.22m	24"	610mm
118161	2 Bar Adjustable Fence	4' – 6'	1.22m – 1.83m	24"	610mm
188166	2 Bar Adjustable Fence	6' – 9'	1.83m – 2.74m	24"	610mm
118169	2 Bar Adjustable Fence	9' – 12'	2.74m – 3.66m	24"	610mm
3-Bar Adjustable Fence					
118218	3 Bar Adjustable Fence	1' – 4'	0.3m – 1.22m	12 - 13/16"	325mm
118152	3 Bar Adjustable Fence	4' – 6'	1.22m – 1.83m	12 - 13/16"	325mm
118156	3 Bar Adjustable Fence	6' – 9'	1.83m – 2.74m	12 - 13/16"	325mm
118159	3 Bar Adjustable Fence	9' – 12'	2.74m – 3.66m	12 - 13/16"	325mm
4-Bar Adjustable Fence					
118219	4 Bar Adjustable Fence	1' – 4'	0.3m – 1.22m	12 - 13/16"	325mm
118139	4 Bar Adjustable Fence	4' – 6'	1.22m – 1.83m	12 - 13/16"	325mm
118151	4 Bar Adjustable Fence	6' – 9'	1.83m – 2.74m	12 - 13/16"	325mm
118141	4 Bar Adjustable Fence	9' – 12'	2.74m – 3.66m	12 - 13/16"	325mm
5-Bar Adjustable Fence					
118228	5 Bar Adjustable Fence	1' – 4'	0.3m – 1.22m	9 - 5/8"	244mm
118231	5 Bar Adjustable Fence	4' – 6'	1.22m – 1.83m	9 - 5/8"	244mm
118234	5 Bar Adjustable Fence	6' – 9'	1.83m – 2.74m	9 - 5/8"	244mm
118235	5 Bar Adjustable Fence	9' – 12'	2.74m – 3.66m	9 - 5/8"	244mm

ADJUSTABLE FENCE HINGES & POSTS

Image	Item Number	Description	Diameter		Vertical Rail Spacing	
			Imperial	Metric	Imperial	Metric
	116192	Rail Fence, Hinge, Standard (Single)	4"	102mm	-	-
	118176	Rail Fence, Hinge, Standard (Single)	2-7/8" – 3"	73mm – 76mm	-	-
	116193	Rail Fence, Hinge, 2 Way (Inline)	4"	102mm	-	-
	118180	Rail Fence, Hinge, 2 Way (inline)	2-7/8" – 3"	73mm – 76mm	-	-
	117112	Rail Fence, Hinge, 2 Way (Corner)	4"	102mm	-	-
	118183	Rail Fence, Hinge, 2 Way (Corner)	2-7/8" – 3"	73mm – 76mm	-	-
	118173	Rail Fence, Hinge, 3 Way	4"	102mm	-	-
	188186	Rail Fence, Hinge, 3 Way	2-7/8" – 3"	73mm – 76mm	-	-
	106322	Round Post	4" x 3/16"	102mm x 4.75mm	94-1/2"	2.4m
	118465	Round Post	3" x 3/16"	76mm x 4.75mm	94-1/2"	2.4m
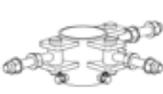
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CABLE FENCING COMPONENTS | HOT DIPPED

Image	Item Number	Description	Length		Cable Size		# of Mounting Hooks	Mounting Type
			Imperial	Metric	Imperial	Metric		
	106787	Post 2-7/8" (73mm) OD x 3/16" (4.6mm) Wall x 78-3/4" (2.00m) Length c/w 5 Welded Closed Hooks	6.56	2	-	-	5	
	106952	Plate w/5 Cable Mounting Hooks – Open	40	1016	-	-	5	Wall/Square Post
	107265	Plate w/Hooks – Open	46	1168	-	-	5	2-7/8"–3" (73 – 76mm) OD Post
	106214	Cable Clamp – M12 – For 1/2" (12mm) Steel Cable	-	-	1/2	12	-	-
	106215	Rope – Wire – 1/2" (12mm) OD – 3281' (1000m) Roll – Cable – Galvanized	-	-	1/2	12	-	-
	106211	Rope – Wire – 3/8" (10mm) OD – 3281' (1000m) Roll – Cable – Galvanized	-	-	3/8	10	-	-
	106213	Turnbuckle – 5/8" Clevis – 3/4"–10 Thread – Max OAL 28-1/2"	-	-	5/8	16	-	-
	106217	Galvanized Tension Springs for Cable Fence	-	-	NA	NA	-	-
	106216	Galvanized Eye Bolt, for Use w/1/2" (12mm) Cable	-	-	12	-	1/2	-

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HEAD CATCHES

VES-Artex Head Catches provide a safe, efficient solution for restraining individual animals during health checks, treatments, and routine management tasks. Designed to minimize stress on cattle while improving handler safety, head catches allow for controlled restraint without the need for additional labor or equipment.

Engineered for durability in demanding livestock environments, VES-Artex head catches are constructed from heavy-duty steel and finished with hot-dipped galvanization to resist corrosion and wear. Their robust design ensures smooth operation and reliable performance, even with frequent use.

Head catches are ideal for use in treatment areas, sorting pens, and handling facilities where quick access and secure restraint are essential. Designed to integrate seamlessly with VES-Artex gating and fencing systems, they support efficient workflows and consistent animal handling.

- Secure, controlled animal restraint
- Heavy-duty steel construction
- Hot-dipped galvanized for long-term durability
- Smooth, reliable operation
- Designed to reduce stress and improve handler safety
- Compatible with VES-Artex cattle handling systems

VES-Artex Head Catches deliver dependable restraint when it matters most—helping producers perform essential tasks efficiently while maintaining animal comfort and safety.

Item Number	Description	Width		Adjustable Neck Opening – Narrowest		Adjustable Neck Opening - Widest	
		Inch	m	Inch	mm	Inch	mm
107380	Cattle Head Catch	42 ½	1.08	6 ½	165	8 ½	216
108089	Cattle Head Catch	37	.94	6 ½	165	8 ½	216

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CATTLE GUARDS

VES-Artex Cattle Guards provide a safe, effective solution for controlling cattle movement while allowing uninterrupted access for vehicles and/or equipment. Designed to discourage livestock from crossing without the need for gates, cattle guards help maintain secure boundaries and improve traffic flow.

Engineered for strength and long-term performance, VES-Artex cattle guards are constructed from heavy-duty steel components capable of supporting farm vehicles, skid steers, and service traffic. The open-bar design creates a visual and physical deterrent for cattle while maintaining safe, reliable crossings for equipment.

Finished with hot-dipped galvanization for superior corrosion resistance, VES-Artex cattle guards are built to withstand moisture, manure exposure, and year-round outdoor conditions. Available in multiple sizes and configurations, they can be integrated into driveways, laneways, and facility entrances for both new construction and retrofit applications.

- Heavy-duty steel construction for vehicle loads
- Open-bar design discourages livestock crossing
- Hot-dipped galvanized for corrosion resistance
- Allows uninterrupted vehicle access
- Reduces labor associated with gates and fencing
- Ideal for driveways, lanes, and controlled access points

Image	Item Number	Description	Length		Width		Details
			Ft	m	Imperial	Metric	
	107681	Cattle Guard, 18' (5.49m) Length, 5' 7-15/16" (1.72m) Width with middle beam supports	18	5.49	5' 7-15/16"	1.72 m	With Middle Beam Supports (Unassembled)
	108088	Cattle Guard, 15' (4.57m) Length, 5' 7-15/16" (1.72m) Width with middle beam supports	15	4.57	5' 7-15/16"	1.72m	With Middle Beam Supports (Unassembled)
	109394	Cattle Guard End Support With Spacers 84" (2.13m)	7	2.13	4-3/4"	120 mm	
	109395	Cattle Guard Main Beam With Spacers	7	2.13	14"	35 cm	
	118685	Mounting Rail 4" (102mm) OD x 5/16" (7.75mm) Wall	12	3.66			
	109397	Mounting Rail 4" (102mm) OD x 5/16" (7.75mm) Wall	14	4.27			
	109398	Mounting Rail 4" (102mm) OD x 5/16" (7.75mm) Wall	16	4.88			
	117473	Mounting Rail 4" (102mm) OD x 5/16" (7.75mm) Wall	19'-8"	6			

AQUA DUMP WATER TROUGHS

VES-Artex Aqua Dump Water Troughs are designed to deliver consistent access to clean, fresh water while minimizing labor and maintenance in cattle handling areas. Built for durability and ease of use, Aqua Dumps allow producers to quickly empty, clean, and refill troughs helping maintain water quality and support overall herd health.

Unlike traditional water troughs that are slow to drain and difficult to clean, Aqua Dumps feature a fast, controlled dumping mechanism and smooth interior surfaces that prevent dirt, feed, and debris from adhering. This makes routine cleaning faster and more effective, even in high-use areas such as pens, crossovers, and treatment zones.

Aqua Dumps are available in floor-mounted or wall-mounted configurations, with optional leg extensions to position the trough at the optimal drinking height for cattle. Multiple float options and a wide range of sizes allow each system to be tailored to your facility layout and herd size.

Constructed for long service life, Aqua Dumps are offered in hot-dipped galvanized steel and are built to withstand daily use, moisture exposure, and demanding barn environments.

- Fast-dumping design for quick cleaning
- Smooth interior surfaces for improved hygiene
- Floor-mount or wall-mount installation options
- Optional leg extensions for optimal height
- Multiple float configurations available
- Hot-dipped galvanized construction for durability
- Wide range of lengths and capacities

Description	Length Range		Capacity Range	
	feet	cm	gallons	liters
Standard Aqua Dump	2-15	150-464	21-172	79-653
Shallow Aqua Dump	4-12	150-391	39.4-123	149-465

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

AQUA DUMP ASSEMBLY KITS | STAINLESS STEEL

Item Number	Description	Length (A)		Volume	
		Ft	cm	Gal US	Liter
106652	Aqua Dump Kit	4	122	46	170
107098	Aqua Dump Kit	6	183	68	260
107271	Aqua Dump Kit	7	213	81	305
107087	Aqua Dump Kit	8	244	92	350
107115	Aqua Dump Kit	10	305	115	435
107099	Aqua Dump Kit	12	366	138	520
116727	Aqua Dump Kit	14	427	160	607
107122	Aqua Dump Kit	15	457	172	653
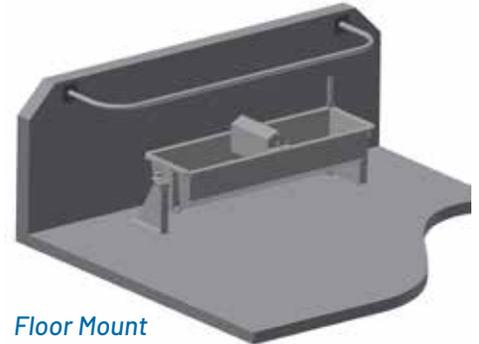
Floor Mount

AQUA DUMP ASSEMBLY KITS | HOT DIPPED

Item Number	Description	Length (A)		Volume	
		Ft	cm	Gal US	Liter
106742	Aqua Dump Kit	2	60	21	79
106530	Aqua Dump Kit	4	122	46	170
106500	Aqua Dump Kit	6	183	68	260
107741	Aqua Dump Kit	7	213	79	303
106502	Aqua Dump Kit	8	244	92	350
106504	Aqua Dump Kit	10	305	115	435
106506	Aqua Dump Kit	12	366	138	520
107771	Aqua Dump Kit	14	427	160	607
107455	Aqua Dump Kit	15	457	173	653
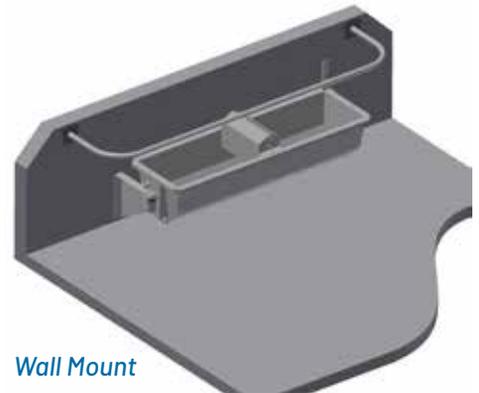
Wall Mount

AQUA DUMP – VALVE FLOAT KIT

Item Number	Description
102727	Valve, Float, Kit, Jobe, TPV1"D

AQUA DUMP TUB ONLY | HOT DIPPED

Item Number	Description	Length (A)		Tub Size (B)		Volume	
		Ft	cm	Inch	mm	Gal US	Liter
106743	Aqua Dump – Tub Only	28-1/4	717	27-15/16	710	21	79
106345	Aqua Dump – Tub Only	50-11/16	1287	50-13/16	1291	46	170
106308	Aqua Dump – Tub Only	74-11/16	1897	74-11/16	1897	68	260
106311	Aqua Dump – Tub Only	98-5/16	2497	98-5/16	2497	92	350
106312	Aqua Dump – Tub Only	122-3/4	3117	122-11/16	3116	115	435
106313	Aqua Dump – Tub Only	146-3/4	3727	146-3/4	3727	138	520

AQUA DUMP GUARD PIPE | HOT DIPPED

Item Number	Description	Length (A)		Distance from Wall (B)		Pipe Size (C)	
		Ft	cm	Inch	mm	Inch	mm
106987	Aqua Dump Guard Pipe	9' 4-3/8"	2854	22-5/8	574	1-7/8	48
106988	Aqua Dump Guard Pipe	10' 4-3/8"	3158	22-5/8	574	1-7/8	48
106989	Aqua Dump Guard Pipe	11' 4-3/8"	3463	22-5/8	574	1-7/8	48
106990	Aqua Dump Guard Pipe	12' 4-3/8"	3768	22-5/8	574	1-7/8	48
107025	Aqua Dump Guard pipe	13' 4-3/8"	4073	22-5/8	574	1-7/8	48
106984	Aqua Dump Guard pipe w/Center Support	12' 4-3/8"	3768	22-5/8	574	1-7/8	48

AQUA DUMP REPLACEMENT PARTS | HOT DIPPED

Item Number	Description	Details
106309	Aqua Dump – Support Leg Assembly, Left Side	1 EA - Leg Only No/Hdw
106307	Aqua Dump – Support Leg Assembly, Right Side	1 EA - Leg Only No/Hdw
116057	End Pivot Assembly (Left)	Kit (1 x Assembly/Hdw)
116056	End Pivot Assembly (Right)	Kit (1 x Assembly/Hdw)
106515	Float Valve Housing Kit - Hot Dipped	Kit (1 x Hood/Hdw)
107102	Float Valve Housing Kit - Stainless Steel	Kit (1 x Hood/Hdw)
106310	Locking Tub Handle	1 EA - Handle
106203	Lynch Pin 40mm (1 9/16") OD w/40mm (1 9/16") Stainless Steel	1 EA
106125	Lynch Pin 41mm (1 5/8") OD w/36mm (1 7/16") Zinc Plated	1 EA
119025	Aqua Dump Plumbing Protection Panel With Removable Poly Panel	1 EA

RISERS | HOT DIPPED

Item Number	Item Number	Description
	106545	Aqua Dump Riser 15cm (6") – Hot Dipped Galvanized
	106546	Aqua Dump Riser 30cm (12") – Hot Dipped Galvanized
	109391	Aqua Dump Riser 6" (15mm) – Stainless Steel
	107663	Aqua Dump Riser 8" (20mm) – Stainless Steel

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

MIGHTY MOO

The VES-Artex Mighty Moo Powered Cow Brush is designed to enhance cow comfort, hygiene, and overall well-being through consistent, effective self-grooming. Built for durability and long-term performance, the Mighty Moo encourages natural grooming behavior that helps reduce stress, improve cleanliness, and support herd productivity.

Featuring a horizontal arm design, the Mighty Moo withstands pressure and friction better than traditional vertical brushes, making it ideal for high-use dairy and livestock environments. Its automated rotating mechanism activates when a cow engages with the brush and rotates in both clockwise and counter-clockwise directions, ensuring thorough grooming while preventing tail entanglement and uneven bristle wear.

The brush's rocking motion allows it to reach key grooming areas—including the head, neck, back, and hindquarters—providing a more complete grooming experience. Constructed with tough, long-lasting bristles, enclosed wiring, and robust gears, the Mighty Moo is engineered to resist heat, vibration, and daily wear without overheating.

By encouraging cows to groom away from headlocks and feed areas, the Mighty Moo also helps reduce manure contamination near the bunk, supporting cleaner feeding zones and improved barn hygiene.

- Automated bi-directional rotating brush
- Horizontal arm design for increased durability
- Rocking motion for full-body grooming

Swinging diameter of 49" (1010mm)
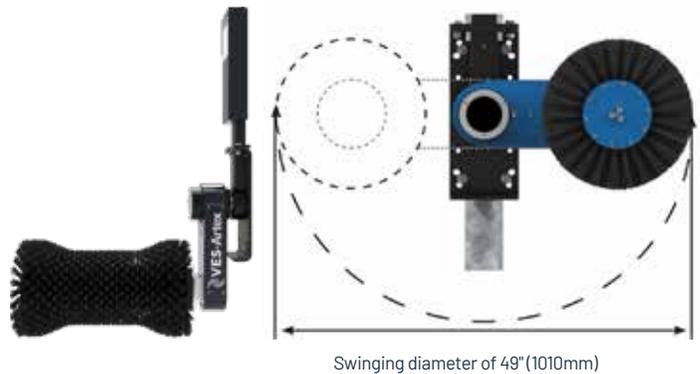
- Heavy-duty bristles for long service life
- Enclosed wiring and robust gear system
- Designed to withstand heat and vibration
- Supports cow comfort, hygiene, and stress reduction

VES-Artex Mighty Moo Powered Cow Brush delivers a reliable, low-maintenance solution that promotes natural behavior, cleaner barns, and healthier, more comfortable cattle.

TECHNICAL INFORMATION	
Brush Frame Dimensions	47 x 32 x 15 inches (1200 x 820 x 390 mm)
Brush diameter	15 inches (390 mm)
Power Supply	110V 60Hz/230V 50Hz
Power usage	0.12kWh
Weight	99 lbs (45 kg)
Brush rotation speed	58 rpm
Movement	Rocking
Direction of Rotation	Clockwise and counter-clockwise
Item Number	118493

COW BRUSHES

Ventilation

CATTLE HANDLING

Calf Care

Automation

Cooling

Lighting

Biosecurity

EZ MOO STATIC COW BRUSH

Encourage natural self-grooming, improve hygiene, and add enrichment to your facility with the VES-Artex EZ Moo Static Cow Brush. Designed as a non-electrical grooming solution, the EZ Moo provides a durable, low-maintenance option for cattle of all ages.

Built to withstand daily use, the EZ Moo features tough nylon bristles mounted into a metal plate encased in rubber, creating a flexible yet rugged brush that holds up under substantial friction. This construction allows for versatile mounting while maintaining consistent grooming performance in high-traffic areas.

The EZ Moo is easy to install on posts, rails, or walls, making it a practical choice for alleys, crossovers, holding areas, and loafing spaces. Its modular design allows producers to customize brush length and placement based on facility layout and animal needs.

Available as a 16' (5 m) roll or 16" (41 cm) bristle segments, each roll includes cutting marks every 41 cm, allowing for precise sizing. One roll provides 12 individual segments, giving you flexibility to create single grooming points or extended brushing zones.

By encouraging cows to groom naturally, the EZ Moo helps reduce stress, supports cleaner hides, and promotes overall herd comfort—without the need for electricity or moving parts.

- Static, non-electrical cow brush
- Durable nylon bristles set in metal plate encased in rubber
- Designed to withstand heavy friction and daily use
- Easy mounting on posts, rails, or walls
- Modular design for customized brush length
- Ideal for cattle of all ages
- Supports hygiene, enrichment, and cow comfort

Available Components

EZ Moo Bristle Section: 115380
EZ Moo Curved Bracket: 115381
EZ Moo Kit (Two Bristle Sections, One Curved Bracket): 115735

The VES-Artex EZ Moo Static Cow Brush delivers a simple, durable solution for improving animal comfort and enrichment—wherever your cattle need it most.

CALF CARE

Give calves the strongest possible start with VES-Artex Calf Zone Systems, designed to support biosecurity, flexibility, and long-term animal health from day one. Built with both calf comfort and producer efficiency in mind, Calf Zone creates a clean, controlled environment that adapts as calves grow.

Calf Zone pens are engineered to mount directly to structural walls or be configured in stand-alone rows, making them ideal for both new builds and retrofits. Removable sidewalls provide pen-to-pen isolation, helping reduce the risk of disease transmission while allowing for fast, efficient cleaning of entire rows.

As calves mature, the removable wall system allows producers to quickly convert individual pens into shared living spaces, supporting social development without requiring new equipment or major layout changes. This modular approach gives you flexibility throughout every stage of calf growth.

Each Calf Zone system is fully customizable, with multiple wall lengths, back wall configurations, and optional bucket and bottle holders to fit your facility layout and management style. Durable materials and thoughtful design ensure long service life in demanding barn environments.

By combining hygiene, adaptability, and calf-focused design, VES-Artex Calf Zone Systems help position young animals for healthier, more productive lives—right from the start.

VES-Artex Calf Zone Systems deliver the control, cleanliness, and flexibility needed to raise healthier calves while simplifying daily management.

Wall Mounted

Open Spindle Back Gate

PVC Back Wall

CALF ZONE

Ventilation

Cattle Handling

CALF CARE

Automation

Cooling

Lighting

Biosecurity

CALF ZONE COMPONENTS

Image	Item Number	Description	Width		Length		Height	
			Inch	mm	Inch	mm	Inch	mm
	107433	Calf Zone 36" x 96" (0.9m x 2.4m) Kit Assembly – 1 Complete Wall Assembly, 1 Double Post, 1 (2 Opening) Gate w/Barrel Bolt Latch Kit, 5L (5Qt) Pail Holder Assembly & Hardware (Buckets Not Included in Assembly)	36	0.9	96	2.4	47 1/4	1.2
	107367	Calf Zone 48" x 96" (1.2m x 2.4m) Kit Assembly – 1 Complete Wall Assembly, 1 Double Post, 1 (2 Opening) Gate w/Barrel Bolt Latch Kit, 10L (10Qt) Pail Holder Assembly & Hardware (Buckets Not Included in Assembly)	48	1.2	96	2.4	47 1/4	1.2
	107369	Calf Zone 48" x 96" (1.2m x 2.4m) Kit Assembly – 1 Complete Wall Assembly, 1 Double Post, 1 (2 Opening) Gate w/Barrel Bolt Latch Kit, 5L (5Qt) Pail Holder Assembly & Hardware (Buckets Not Included in Assembly)	48	1.2	96	2.4	47 1/4	1.2
	107150	Calf Zone 48" x 120" (1.2m x 3.05m) Kit Assembly – 1 Complete Wall Assembly, 1 Double Post, 1 (2 Opening) Gate w/Barrel Bolt Latch Kit, 10L (10Qt) Pail Holder Assembly & Hardware (Buckets Not Included in Assembly)	48	1.2	120	3.05	47 1/4	1.2
	107371	Calf Zone End of Row Package with 1 Double Post for Calf Zone Kits 107369, 107367 & 107433	48	1.2	96	2.4	47 1/4	1.2
	107543	Calf Zone End of Row Package with 1 Double Post for Calf Zone Kit 107150	48	1.2	120	3.05	47-1/4	1.2
	106677	Calf Zone PVC Side Wall	48	1.2	96	2.4	47 1/4	1.2
	106776	Calf Zone PVC Side Wall	48	1.2	120	3.05	47 1/4	1.2
	107138	Calf Zone 36" (0.9m) Back Panel (Spindles w/Hooks)	–	–	30-3/4	0.78	35	0.889
	106752	Calf Zone 48" (1.21m) Back Panel (Spindles w/Hooks)	–	–	41-1/2	1.05	35	0.889
	106239	Wall Mount Sleeve for PVC Wall	2	0.50	47-1/4"	1.2	–	–

CALF CARE

CALF ZONE COMPONENTS

Image	Item Number	Description	Width		Length		Height	
			Inch	mm	Inch	mm	Inch	mm
	106754	Calf Zone PVC Solid Back Panel – 1.22M (4') Zone	–	–	48	1202	48	1200
	106526	Calf Zone PVC Wall Handle	–	–	7-1/16	180mm	–	–
	107512	Calf Zone Double Post Assembly (Front)	–	–	8	203.2	65-13/16	1671.1
	107370	Double Post Assembly for PVC Wall (Back)	–	–	NA	NA	65 4/5	1672
	106801	Calf Zone Two Way Corner Post for PVC Back Panel (Left) with Anchoring Plate	–	–	6	152	48	1219
	106798	Calf Zone Two Way Corner Post for PVC Back Panel (Right) with Anchoring Plate	–	–	6	152	48	1219
	106755	Calf Zone Three Way Post for PVC Back Panel with Anchoring Plate	–	–	8	203	48	1219
	106799	Calf Zone Four Way Post for PVC Back Panel with Anchoring Plate	–	–	8	203	48	1219
	107373	Calf Zone Front Gate – 2 Opening	36	0.9	–	–	34 15/16	888
	107368	Calf Zone Front Gate – 2 Opening	48	1.2	–	–	34 15/16	888

CALF ZONE

Ventilation

Cattle Handling

CALF CARE

Automation

Cooling

Lighting

Biosecurity

CALF ZONE COMPONENTS

Image	Item Number	Description	Width		Length		Height	
			Inch	mm	Inch	mm	Inch	mm
	107555	Back Gate – 1 Opening. Hot Dipped.	36	0.9	–	–	36	914
	107645	Back Gate – 1 Opening. Hot Dipped.	48	1.2	–	–	36	914
	106265	Calf Zone End of Row Wall Gate Mount Post. Hot Dipped.	–	–	42 1/2	1080mm	–	–
	108177	Calf Zone Spring Loaded Barrel Bolt Latch. Hot Dipped.	–	–	–	–	–	–

CALF ZONE ACCESSORIES

Image		Item Number	Description
		106441	Bottle Holder – 2L (2Qt)
		106457	Bottle Holder – 6L (6Qt)
		106243	Hay Feeder
		107206	Hay Feeder – Double Sided
		106614	Bucket Holder Kit for 2 x 5L (5Qt) Buckets w/ Bucket Hold Down Mechanism
		106655	Bucket Holder Kit for 2 x 10L (10Qt) Buckets w/ Bucket Hold Down Mechanism
		107504	Bucket – 5L (5Qt) – Stackable (bucket may be a different color)
		106156	Bucket – 10L (10Qt)
		119226	Calf bottle (2L)
		119227	Calf bottle (4L)
		119228	Nipple, for 2Liter and 4 Liter Calf Bottle, Snap On
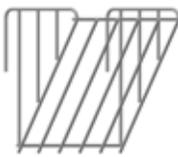
Call **888-622-2999** to order or visit **ves-artex.com** for more info. |

AUTOMATION

Modern livestock facilities demand smarter, more efficient ways to manage environmental conditions, labor, and animal comfort. VES-Artex Automation Solutions are designed to give producers greater control, consistency, and confidence—without adding complexity to daily operations.

By automating critical systems such as ventilation, cooling, lighting, and environmental controls, VES-Artex helps reduce labor demands while maintaining optimal conditions around the clock. Automation ensures precise adjustments based on real-time conditions, eliminating guesswork and delivering consistent performance across seasons and facility types.

Whether you're managing a dairy, livestock barn, or specialty facility, VES-Artex automation adapts to your operation—scaling from simple control upgrades to fully integrated systems. Intelligent controls work behind the scenes to optimize airflow, manage temperature and humidity, and improve energy efficiency, all while supporting animal comfort and productivity.

Designed for reliability and ease of use, VES-Artex automation systems integrate seamlessly with existing infrastructure or new builds. The result is a smarter facility that runs more efficiently, protects your investment, and allows your team to focus on what matters most—animal care and operational performance.

Why Automate with VES-Artex?

- Reduces labor demands and manual adjustments
- Improves consistency in barn environments
- Optimizes ventilation, cooling, and lighting performance
- Enhances animal comfort and productivity
- Increases energy efficiency and system reliability
- Scales easily for retrofits or new construction

VES-Artex Automation puts control where it belongs—in your hands—while ensuring your facility performs at its best, every day.

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

ACE CONTROL PANEL

Panel Option	Features	Power	Adjustable Timing	Auto Function	Manual Function	(2) 500' Zones	7" Touch Screen	Automated Alerts	(4) 500' Zones	Flow Meters Option
	Standard	✔		✔	✔	✔				
	Pro	✔	✔	✔	✔	✔	✔	✔		✔
	Pro Plus	✔	✔	✔	✔	✔	✔	✔	✔	✔

STAFF FAVORITE
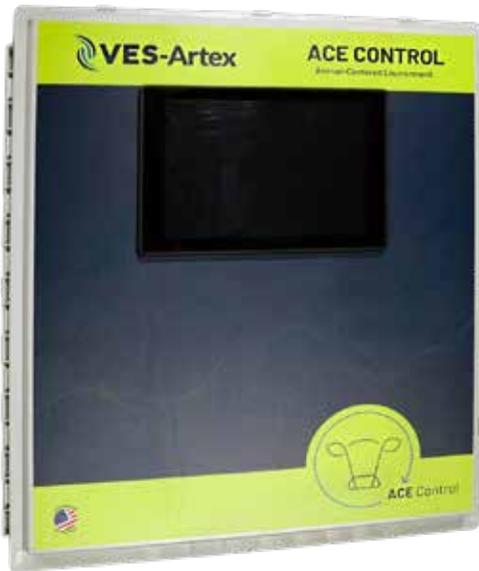
ACE CONTROL PANEL

The VES-Artex ACE Control Panel is the central command system for modern barn automation—designed to deliver precise environmental control, long-term reliability, and seamless integration across your facility. Built for demanding agricultural environments, ACE provides the intelligence needed to automate ventilation, cooling, lighting, and other critical systems with confidence.

Engineered for flexibility, the ACE Control Panel adapts to a wide range of barn layouts and management styles. Whether upgrading an existing control system or installing automation in a new build, ACE delivers consistent performance through real-time monitoring and responsive control logic. This ensures optimal airflow, temperature, and humidity levels—without constant manual adjustments.

The ACE platform supports variable-speed fans, inlets, exhaust systems, lighting schedules, and environmental sensors, allowing producers to fine-tune conditions at the cow level while improving energy efficiency. Intuitive controls make system setup and daily operation straightforward, while advanced automation reduces labor demands and helps protect equipment and livestock year-round.

Designed with serviceability in mind, the ACE Control Panel is built to support long-term system reliability and future expansion. Its robust construction, modern electronics, and compatibility with current and legacy systems make it a dependable solution for facilities focused on performance, consistency, and scalability.

Benefits

- Centralized control for ventilation, cooling, and lighting
- Supports variable-speed fans and automated equipment
- Integrates environmental sensors for real-time adjustments
- Improves consistency and reduces labor demands
- Enhances animal comfort and facility efficiency
- Ideal for retrofits or new construction projects

AUTOMATE THESE SENSORS WITH ACE

Item Number	Compatible Climate Sensors
103273	Sensor, Static Pressure
103382	Sensor, Wind speed Meter (Autoflex)
103099	Sensor, Rain Presence (Autoflex)

Item Number	Description
115411	ACE Control Wireless Fan EP. C520 PLC ONLY, Adds additional wireless fan capacity to Master Panel.
115414	ACE Control Master Panel. C520 PLC, V430 HMI, X510 Router, IO Module Coupler.
115543	ACE Control Master Panel. C520 PLC, No HMI- remote access only, X510 Router, IO Module Coupler
119612	ACE Control Wireless Fan EP. C430 PLC ONLY, Adds additional wireless fan capacity to Master Panel.
119613	Remote IO Panel. IO Module Coupler ONLY, adds additional input/outputs in a separate physical location (opposite end of barn)

AUTOFLEX CONNECT II

The VES-Artex AutoFlex Connect II is a powerful, scalable automation controller designed to manage complex barn environments with ease. This platform allows producers to control and monitor up to 16 independent zones per controller, delivering reliable, real-time management across ventilation, heating, cooling, lighting, and curtain systems.

An intuitive user interface enables full system configuration and monitoring through a local 10-inch touchscreen or remotely from any web-enabled device. Operators can view system performance and make adjustments using a smartphone, tablet, or computer: anytime, anywhere.

Built with a modular architecture, the AutoFlex Connect II can be paired with additional AutoFlex controllers to expand alongside facility growth. Interchangeable smart modules support both fixed- and variable-speed fans, heaters, inlets, and curtain machines, allowing each system to be customized to the unique needs of the operation.

With scheduling capabilities, the AutoFlex Connect II automates lighting, cooling, soaking, manure scraping, and feeding events—ensuring consistent performance 24/7/365 while reducing labor demands.

Ratings & Certifications
CE • CSA • PS • NEMA 4X • UL

Item Number	Description	Modules Included	Modules Included	Length		Height		Width	
				Inch	mm	Inch	mm	Inch	mm
116936	AutoFlex Connect II Control	3-103217, 3-103299, 2-1025907, six empty slots	No	14.9	380	22	560	7.1	180
116937	AutoFlex" Connect II Mini Control	1-103217, 1-103299, 1-102590, three empty slots	No	11.85	300	11	280	3.965	100

Item	Description
102590	4 Inputs, configurable for digital analog
103217	4 Relays
103299	4 Variable 0-10VDC Outputs
103298	1 Variable AC Out put
102288	Curtain Control with Potentiometer Feedback
102289	Curtain Control with 0-10VDC Feedback
117048	Curtain Control with Timed Feedback
117183	Expansion Panel for Autoflex Connect II and Autoflex II Mini

Item	Description	Cable Length	
		ft	m
102682	Sensor, Temperature Probe, 3K	150	45
102683	Sensor, Temperature Probe, 3K	30	9
102684	Sensor, Temperature Probe, 3K	75	20
103273	Sensor, Static Pressure	–	–
103215	Cable, Temp. Probe Extension, 18-22 AWG	1000	300
103295	Sensor, Temp. Probe with Junction Box	1	0.3
103382	Sensor, Wind speed Meter (Autoflex)	–	–
103099	Sensor, Rain Presence (Autoflex)	–	–

PLUS TOUCH

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

PLUS TOUCH CONTROLLER

The Plus Touch Controller delivers intelligent, sensor-driven automation designed to simplify environmental management in modern livestock facilities. Powered by advanced sensing technology, Plus Touch continuously monitors temperature, humidity, ammonia, carbon dioxide, and other critical barn conditions—then automatically adjusts connected systems to maintain a consistent, healthy environment.

Using real-time data, Plus Touch controls fixed- and variable-stage ventilation fans, curtains, cooling soakers, and heaters, optimizing airflow and climate conditions while reducing manual intervention. Its intuitive interface makes setup and day-to-day management straightforward, supported by built-in diagnostics and automated self-tests to ensure reliable operation.

The system features a 5-inch touchscreen display that provides clear, at-a-glance visibility into barn conditions and system performance. Software updates and configuration changes can be completed quickly via a USB connection, keeping the system current without complex service requirements.

Engineered for durability in agricultural environments, the Plus Touch controller is housed in a corrosion-resistant, water-resistant, fire-retardant enclosure. Additional safeguards include overload protection fuses, six pluggable general-purpose relays, and an alarm relay for connection to external alarm systems—delivering peace of mind alongside performance.

- Monitors temp., humidity, ammonia, CO_2, and more
- Automatically controls fans, curtains, heaters, and cooling systems
- Intuitive setup with onboard diagnostics and self-testing
- 5" touchscreen for clear system visibility
- USB-updatable software
- Durable NEMA 4X-rated enclosure
- Six general-purpose relays plus alarm relay output

Ratings & Certifications

CE • CSA • PS • NEMA 4X
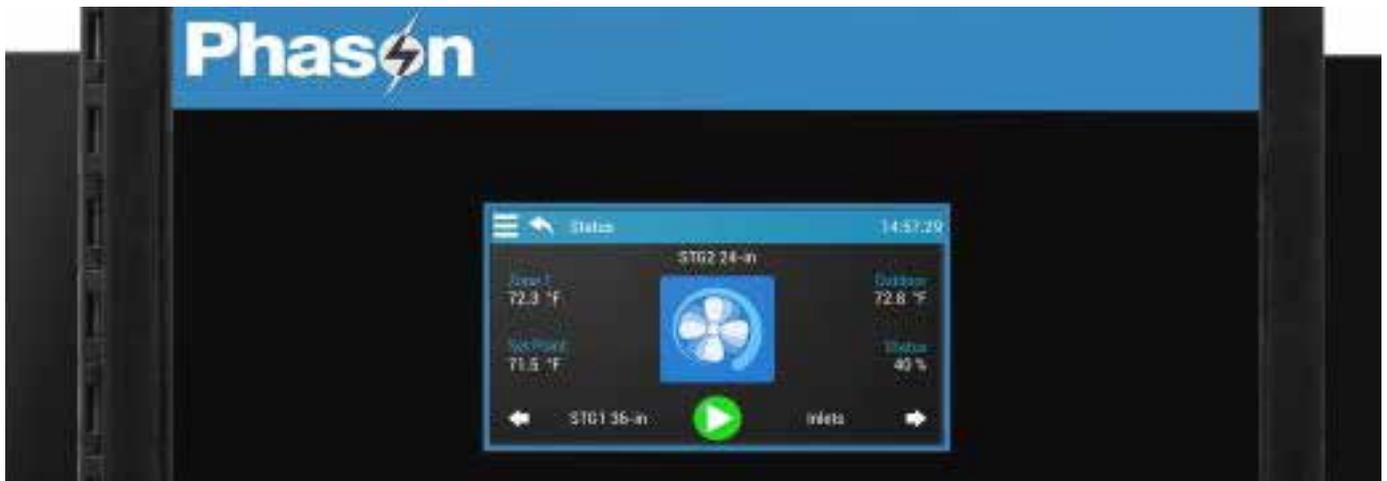
SUPRA TOUCH CONTROL

The VES-Artex Supra Touch Control is a powerful, intuitive barn controller designed to automate and optimize ventilation, cooling, heating, and lighting systems in modern dairy and livestock facilities. Built for precision and reliability, Supra Touch continuously monitors environmental conditions such as temperature, humidity, and air quality, automatically adjusting equipment to maintain a consistent, animal-centered environment that supports cow comfort, herd health, and production performance.

The large, easy-to-use touchscreen interface provides real-time system visibility and simple configuration, allowing operators to monitor barn conditions and make adjustments quickly. With flexible staging and variable speed control capabilities, Supra Touch delivers efficient, responsive performance across a wide range of barn designs and ventilation strategies.

Engineered for harsh agricultural environments, Supra Touch features a durable, sealed enclosure and dependable electronics that ensure long-term reliability and consistent operation.

Features and Benefits

- Automated control of fans, curtains, heaters, lights, and cooling systems
- Intuitive touchscreen interface for easy setup and operation
- Continuous monitoring of temperature and environmental conditions
- Supports variable speed and staged ventilation equipment
- Improves cow comfort, air quality, and operational efficiency
- Durable, corrosion-resistant enclosure built for barn environments
- Helps reduce labor while improving environmental consistency

VES-Artex Automation Advantage

Supra Touch integrates seamlessly with VES-Artex ventilation and curtain systems, giving producers complete control over their barn environment while improving efficiency, reducing labor demands, and supporting long-term herd productivity.

SSVDC CONTROL

The VES-Artex SSVDC Control is a dedicated variable speed controller designed to deliver smooth, precise operation of DC ventilation fans in dairy and livestock facilities. Engineered to maximize efficiency and performance, the SSVDC Control allows producers to fine-tune airflow levels to maintain optimal environmental conditions that support cow comfort, herd health, and production.

With responsive speed adjustment, the SSVDC Control ensures consistent air movement while minimizing energy consumption and mechanical stress on equipment. Its simple interface makes operation easy, while its rugged construction ensures reliable performance in harsh agricultural environments.

The SSVDC Control integrates seamlessly with VES-Artex DC circulation and ceiling fans, providing dependable control for both new installations and retrofit applications.

Features and Benefits

- Variable speed control for DC ventilation and circulation fans
- Improves airflow precision for consistent barn environments
- Enhances energy efficiency and reduces operating costs
- Smooth fan ramp-up and operation for quieter performance
- Easy-to-use interface for simple adjustment and control
- Durable construction designed for agricultural environments
- Compatible with VES-Artex DC fan systems

VES-Artex Automation Advantage

By providing accurate, efficient fan control, the SSVDC Control helps producers optimize ventilation performance, reduce energy usage, and maintain an animal-centered environment year-round.

Item Number	Description
117101	Control, Fan, 1 Variable AC Output, 12.5 Amps, FC-1VAC
117102	Control, Fan, 1 Variable AC Output, Includes Temperature Sensor w/1' (300mm) Cable FC-1T-1VAC
117103	Control, Fan, 1 Variable DC Output, Includes Temperature Sensor w/6' (1.8mr) Cable FC-1T-1VDC
117104	Control, Fan, 1 Solid State Relay, Includes Temperature Sensor w/6' (1.8m) Cable FC-1T-1F
117105	Control, Fan, 1 Variable AC Output, 1 Relay, Includes Temperature Sensor w/6' (1.8m) Cable FC-1T-1VAC-1F
117106	Control, Fan, 2 Variable AC Outputs, 3 Relays, Includes Temperature Sensor w/30' (9m) Cable FC-1T-2VAC-3F
102734	THERMOSTAT, 1 STAGE, 15 AMP

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

LDB-2 LIGHT CONTROL

Reliable Lighting Automation for Livestock and Agricultural Facilities

The VES-Artex LDB-2 Light Control is a dependable lighting controller designed to automate and manage barn lighting systems for improved animal performance, worker safety, and operational efficiency. By providing precise control over lighting schedules and intensity, the LDB-2 helps maintain consistent light cycles that support dairy herd productivity, animal comfort, and daily barn routines.

Built for agricultural environments, the LDB-2 Light Control simplifies lighting management by allowing producers to automate on/off cycles or integrate lighting into a broader barn automation strategy. Consistent lighting programs can improve feeding patterns, support reproductive performance, and enhance working conditions throughout the facility.

Its rugged design and straightforward operation make the LDB-2 an ideal solution for both new construction and retrofit installations.

Features and Benefits

- Automates lighting schedules for consistent barn light cycles
- Supports improved animal performance and productivity
- Enhances worker visibility and barn safety
- Easy-to-use control interface for simple operation
- Durable construction designed for agricultural environments

- Compatible with LED, low bay, high bay, and parlor lighting systems
- Ideal for integration into automated barn control strategies

Technical Features

- 120-230 VAC, 50/60Hz
- Independent ramp-up and ramp-down durations
- Two variable AC channels
- Two DC-signal (0 to 10V) channels
- Two internal disconnect relays
- Two light sensor connections
- Light output calibration
- Real-time clock with power-failure settings protection
- Robust construction ensures it is corrosion-resistant, water-resistant, and fire-retardant

VES-Artex Automation Advantage

The LDB-2 Light Control provides reliable, efficient lighting automation that helps create a consistent, productive environment—supporting herd health while reducing manual labor and energy waste.

AUTOMATION

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

INTELLIGENT SOAKER PRO PANEL

Precision Soaker Control for Livestock Cooling

The VES-Artex Intelligent Soaker Pro Panel (Part Number: 119092) delivers automated, precision control of livestock soaking systems to help producers effectively manage heat stress and maintain optimal animal comfort. Designed specifically for dairy and livestock facilities, this advanced soaker control panel regulates soaking cycles based on programmed timing and environmental conditions, delivering consistent cooling while conserving water.

By automating soaking intervals and integrating with your barn's ventilation and automation strategy, the Intelligent Soaker Pro Panel helps maximize cooling efficiency, reduce labor demands, and improve overall herd performance. Proper soaking, combined with effective airflow, promotes evaporative cooling at the cow level—supporting feed intake, milk production, and reproductive success.

Built with rugged, farm-ready components, this control panel is engineered to perform reliably in harsh agricultural environments.

Features and Benefits

- Automates livestock soaker systems for consistent, effective cooling
- Helps reduce heat stress and support milk production and animal health
- Programmable soaking intervals for optimal water usage and efficiency
- Integrates with ventilation fans and barn automation systems
- Improves labor efficiency by eliminating manual operation
- Durable enclosure designed for agricultural environments
- Supports expansion and integration with advanced control platforms

Applications

- Dairy freestall barns
- Holding areas and milking parlors
- Feed lanes and headlock areas
- Livestock housing and heat abatement zones

Automation That Works for Your Herd

The Intelligent Soaker Pro Panel is a key component in creating an animal-centered environment—delivering precise cooling control that improves cow comfort, enhances productivity, and supports efficient barn management year-round.

SOAKER LINE CONTROL

Automated Cooling Control for Soaking and Fogging Systems

The VES-Artex Soaker Line Control (Part Number: 102442) provides precise, automated management of evaporative cooling systems to help protect cow comfort and maintain peak herd performance during heat stress conditions. Designed to monitor barn temperatures and activate soaking lines or high-pressure fogging systems automatically, this control ensures cooling cycles operate exactly when needed—reducing labor demands while improving cooling efficiency.

With programmable temperature-based operation and multiple relay stages, this controller delivers reliable performance for soaking, misting, and auxiliary cooling equipment. The rugged, sealed enclosure is built to withstand harsh agricultural environments, making it an ideal solution for dairy barns, livestock facilities, and other agricultural cooling applications.

Flexible monitoring, automation, and remote probe capability allow producers to maintain consistent barn conditions, supporting animal health, milk production, and operational efficiency.

Key Features

- Automates soaking lines, misters, and fogging systems based on temperature
- Two automatic modes: Soaking and Fogging/Mister operation
- Programmable temperature range: 32°F to 113°F (0°C to 45°C)
- Includes 30 ft (9.1 m) temperature probe, extendable up to 500 ft (152 m)
- Optional humidity monitoring with high-humidity bypass
- Six relay stages for controlling solenoids, pumps, or fans
- Durable, sealed enclosure for agricultural environments

Certifications

CSA Certified | NEMA 4X Rated

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

VARIABLE FREQUENCY DRIVE

CONFIGURED Keypad Motors		208/240 1 PH	208/240 3 PH	400/480 3 PH
HP / KW	Fan HP	Part Number	Part Number	Part Number
3/2.2	2.0 – 3.0	117409	117413 *	117418
4/3	4	117411	117415 *	117420
5/4	5	Not available	117485 *	117486
7.5/5.5	4 with single phase input	Not available	117416 *	117421
5/4	5	Not available	117485 *	117486

UNCONFIGURED Keypad Motors		208/240 1 PH	208/240 3 PH	400/480 3 PH
HP / KW	Fan HP	Part Number	Part Number	Part Number
1.5/1.1	0.75 – 1.50	104853	104854 *	104855
3/2.2	2.0 – 3.0	104850	104852 *	104851
4/3	4	Not available	117483 *	117484
5/4	5	Not available	117315 *	109221

Item Number	Description	Compatible with motors:
117807	EMC Filter 1–3 HP	117413, 117415, 104854, 104852
117896	EMC Filter 4–5 HP	117485, 117416
119531	EMC Filter 7.5 HP	119514

Disconnect Option - All Motors	Description
117227	Switch, Rotary Disconnect, 3PH, 600VAC, 25A, 7.5HP@240V, 10HP@480V, 4.7"x4.8"x4.5" NEMA 4X enclosure

VARIABLE FREQUENCY DRIVE (VFD)

Optimize ventilation performance and reduce energy consumption with the VES-Artex Variable Frequency Drive (VFD). Designed to work seamlessly with ventilation control systems, the VFD automatically adjusts fan speed in real time based on barn temperature and environmental conditions—delivering the exact airflow required to maintain ideal cow comfort and air quality.

By eliminating constant full-speed operation, the VFD improves energy efficiency, lowers operating costs, and extends fan and motor life. Automated speed adjustments reduce manual intervention, allowing staff to focus on herd management while ensuring consistent environmental control.

Whether used with circulation fans, exhaust fans, or inlet fans, VES-Artex VFDs provide smooth, reliable, and responsive ventilation control for dairy barns, livestock housing, and agricultural facilities.

Key Benefits

- Automatically adjusts fan speed based on temperature and ventilation demand
- Reduces energy consumption and operating costs
- Improves cow comfort, air quality, and environmental consistency
- Extends motor and fan lifespan through reduced mechanical stress
- Minimizes manual adjustments and labor requirements
- Enables precise airflow control across changing seasonal conditions

Ratings and Certifications

CE | UL | RoHS | UKCA | EAC | NEMA 4X

AUTOMATION

WIRELESS VARIABLE FREQUENCY DRIVE

Precision Wireless Fan Control for Maximum Efficiency and Performance

The VES-Artex Wireless Variable Frequency Drive (VFD) combines advanced Lenze motor technology with VES-Artex ventilation expertise to deliver intelligent, energy-efficient fan control. Designed to work seamlessly with environmental controllers, the wireless VFD automatically adjusts fan speed based on real-time barn conditions—maintaining optimal airflow for cow comfort while significantly reducing energy consumption.

Wireless VFDs provide sensor-less motor control, enabling smooth acceleration and deceleration, dynamic braking, and precise speed regulation without additional sensors. This advanced control capability helps reduce mechanical wear, extend equipment life, and lower operating costs. By ensuring fans run only at the speed required, facilities can reduce energy usage by up to 75%, depending on operating conditions.

Built for demanding agricultural environments, each wireless VFD features a rugged IP66 (NEMA 4X) rated enclosure, protecting internal components from dust, moisture, and corrosive conditions. Integrated Safe Torque Off (STO) functionality enhances maintenance safety by preventing unexpected motor restarts. A USB micro diagnostic interface and compatibility with keypad or WLAN modules provide flexible commissioning, troubleshooting, and system expansion.

Wireless VFDs are a key component of a fully integrated

VES-Artex control system, enabling remote communication, streamlined installation, and scalable automation for modern dairy, livestock, and industrial ventilation systems.

KEY BENEFITS

- Automatically adjusts fan speed based on environmental conditions
- Reduces energy consumption by up to 75%
- Wireless integration for streamlined installation and expansion
- Precise motor control improves efficiency and extends equipment life
- Rugged IP66 (NEMA 4X) enclosure for harsh agricultural environments
- Safe Torque Off (STO) protection enhances maintenance safety

NEMA

Note: Wireless VFDs are supplied as part of a complete VES-Artex control system. Contact your VES-Artex representative to design a customized solution for your facility.

Item Number	Description	Notes
118463	Wireless VFD Interface Panel	for up to 150 wireless VFD's
118878	Barn Network Switch	5 ports for 4 access points
118410	Barn Network Switch	8 ports for 4 access points
103347	WiFi Access Point	provides 300' diameter coverages

Ventilation

Cattle Handling

Calf Care

AUTOMATION

Cooling

Lighting

Biosecurity

VARIABLE FREQUENCY DRIVE

Configured Wireless Motors		208/240 1 PH	208/240 3 PH	400/480 3 PH
HP / KW	Fan HP	Part Number	Part Number	Part Number
1.5/1.1	0.75 – 1.50	117393	117397 *	117402
3/2.2	2.0 – 3.0	117395	117399 *	117404
4/3	4	Not available	117489 *	117490
5/4	5	Not available	117400 *	105416

VFD's with Hand-off Auto Switch and Disconnect	Description
118879	VFD, i550 Protec, 2HP, 480V, 3PH Input, WiFi, Filtered, with Disconnect, PM Compatible,
118880	VFD, i550 Protec, 4HP, 480V, 3PH Input, WiFi, Filtered, with Disconnect, PM compatible

Item Number	Description	Compatible with motors:
117807	EMC Filter 1-3 HP	117397, 117399
117896	EMC Filter 4-5 HP	117489, 117400

Disconnect Option - All Motors	Description
117227	Switch, Rotary Disconnect, 3PH, 600VAC

STAFF FAVORITE

AUTOMATE SUCCESS WITH ACE CONTROL

- Centralized control for ventilation, cooling, and lighting
- Supports variable-speed fans and automated equipment
- Integrates environmental sensors for real-time adjustments
- Improves consistency and reduces labor demands
- Enhances animal comfort and facility efficiency
- Ideal for retrofits or new construction projects
- Learn More on Page 107

AUTOMATION COMPARISON CHART

QUICK-REFERENCE OF PHASON CONTROL OFFERINGS

	Features/Capabilities	Autoflex Connect	Supra-Touch	Plus-Touch	FC-1T-2vAC-3F	FC-1T-2VAC-1F	FC-1T-1VAC	FC-1VAC	FC-1T-1VDC	FC-1T-1F	NVC-2	ECC-1	LDB-2
	Variable Stages (AC)	+	4	2	2	1	1	1	–	–	–	–	2
	Fixed Stages (ON/OFF)	+	12	6	3	1	–	–	–	1	3	6	–
	Variable Stages (1–10 DC)	+	4*	4*	–	–	–	–	1	–	–	–	2
	Expansion Capable	✓	–	–	–	–	–	–	–	–	–	–	–
	Remote Monitoring	✓	–	–	–	–	–	–	–	–	–	–	–
CONTROLLING	Variable Cooling	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–
	Fixed-Stage Cooling	✓	✓	✓	✓	–	–	–	–	✓	–	–	–
	Variable Heating	✓	✓	✓	–	–	–	✓	–	–	–	–	–
	Fixed-Stage Heating	✓	✓	✓	✓	✓	–	–	–	–	✓	–	–
	Inlets/Actuators	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Curtain Machines	✓	✓	✓	–	–	–	–	–	–	✓	–	–
	Air Curtains	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Duty Cycles	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Variable Frequency Drives	✓	✓	✓	✓	–	✓	–	–	–	–	–	–
	Manual Control/Override	✓	✓	✓	✓	–	–	✓	✓	–	✓	–	✓
	Heat Mats	✓	–	–	–	–	–	–	–	–	–	–	–
	Dimmable Lights	✓	–	–	–	–	–	–	–	–	–	–	✓
	Evaporative Cooling	✓	–	–	–	–	–	–	–	–	–	✓	–
	Timed Events	✓	–	–	–	–	–	–	–	–	–	–	–
	Feed Loops/Chain Disks	✓	–	–	–	–	–	–	–	–	–	–	–
PROGRAMMING	Control Zones/Channels	16	4	2	1	1	1		1	1	1	1	2
	VentGrid™	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Modifiers	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Growth Curves	✓	✓	✓	–	–	–	–	–	–	✓	–	✓
MONITORING	Temperature (zone/ambient)	✓	✓	✓	✓	✓	✓	–	✓	✓	✓	✓	–
	Temperature (outdoor)	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Humidity	✓	✓	✓	–	–	–	–	–	–	–	✓	–
	Carbon Dioxide (CO_2)	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Ammonia (NH_3)	✓	✓	✓	–	–	–	–	–	–	–	–	–
	Static Pressure	✓	–	–	–	–	–	–	–	–	✓	–	–
	Barometric Pressure	✓	–	–	–	–	–	–	–	–	–	–	–
	Wind Speed/Direction	✓	✓	–	–	–	–	–	–	–	–	–	–
	Current	✓	–	–	–	–	–	–	–	–	–	–	–
	Water/Pulse	✓	✓	–	–	–	–	–	–	–	–	–	–
	Rain	✓	✓	–	–	–	–	–	–	–	–	✓	–
	Light Levels	✓	✓	–	–	–	–	–	–	–	–	–	✓

+ Depends on the number and type of module selected. * with the optional variable DC module.

DOL 16 Light
Part #: 102343
CE, RoHS, IP76

DOL 53 Ammonia
Part #: 102345
CE, RoHS, UKCA, IP65

DOL 114 Humidity & Temperature
Part #: 102341
CE, RoHS, UKCA, EAC, IP67

DOL Weather
Part #: 102346
CE, RoHS, IPX6

Phason SPS-2 Static Pressure
Part #: 103273

CLIMATE SENSORS

VES-Artex Climate Sensors are essential components of automated barn control systems, delivering accurate, real-time data that drives smarter ventilation, cooling, and environmental management. Installed at the herd level, these sensors measure critical conditions such as temperature, humidity, and other climate variables—allowing controls to automatically adjust fans, curtains, fogging, and soaking systems to maintain optimal cow comfort.

By monitoring the barn's true microclimate, climate sensors help create a consistent environment that supports higher milk production, improved fertility, stronger immune response, and overall herd health. Automated adjustments reduce manual intervention while ensuring the facility responds to changing weather and barn conditions.

Built for durability in harsh agricultural environments, VES-Artex Climate Sensors integrate seamlessly with ACE Control Panels and other VES-Artex automation systems, making them suitable for natural, cross, and tunnel ventilated barns as well as retrofit and new construction projects.

KEY BENEFITS

- Provides real-time temperature and climate monitoring at the herd level
- Enables automatic adjustment of ventilation and cooling equipment
- Improves cow comfort, productivity, and herd health
- Supports energy-efficient, automated barn management
- Durable construction for long-term agricultural use
- Compatible with all VES-Artex automation systems

Accurate climate monitoring is the foundation of effective barn automation—helping you create and maintain the ideal environment for your herd year-round.

Item Number	Description	Length	
		Feet	Meters
102682	Sensor, Temperature Probe, 3K	150	45
102683	Sensor, Temperature Probe, 3K	30	9
102684	Sensor, Temperature Probe, 3K	75	20
103273	Sensor, Static Pressure	-	-
103379	Cable, Temperature Probe Extension, 18-22 AWG	985	305
103295	Sensor, Temperature Probe with Junction Box	1	0.3
103382	Wind speed	25	7.5
103099	Sensor, Rain Event	9	30

COOLING

Maintaining proper temperature control is essential to protecting herd health, supporting milk production, and ensuring overall facility efficiency. Heat stress can reduce feed intake, fertility, and production while increasing health risks and labor demands. VES-Artex cooling solutions are engineered to help producers create a consistent, animal-centered environment that keeps cattle comfortable and productive—even during the hottest conditions.

Our cooling systems use proven evaporative cooling and soaking strategies to lower effective temperature at the cow level. By combining water application with strategic airflow, these systems help dissipate heat, regulate body temperature, and encourage natural behaviors such as lying time, feeding, and rumination. When integrated with automated controls and ventilation equipment, cooling cycles operate efficiently and precisely based on real-time barn conditions.

VES-Artex offers a complete lineup of cooling components, including high-pressure fogging systems, soaking lines, misting kits, and automated control panels. Each solution is designed for durability, easy integration, and dependable performance in harsh agricultural environments.

Whether used as part of a new installation or retrofit, VES-Artex cooling systems help improve animal welfare, enhance production performance, and reduce labor demands—delivering measurable value to your operation year after year.

Cooling Research

Providing dairy cows with an optimal level of cooling, reduces the total cost of heat stress and its mitigation by an average of 43% across the U.S.
https://doi.org/10.3168/jds.S0022-0302(03)74040-5

Reproductive losses can occur even with the body temperatures of less than 39°C or 102.2°F, over that, conception rates can drop as much as 30%.
https://doi.org/10.3168/jds.2008-1370

Heifer calves from uncooled dry cows have lower pre-pubertal growth rates, poorer reproductive performance, and produce less milk in their first lactation than heifers that are from cooled dry cows.
https://doi.org/10.3168/jds.2016-11072

FOUR WAYS OF COW COOLING

Shade Air   **Velocity**   **Water**   **Time**

HIGH-PRESSURE FOGGING SYSTEMS

VES-Artex High-Pressure Fogging Systems provide an effective and energy-efficient method for reducing barn temperatures and improving animal comfort during periods of heat stress. By delivering ultra-fine water droplets that rapidly evaporate in the air, these systems lower the ambient temperature without wetting animals, bedding, or equipment. This evaporative cooling process creates a more comfortable environment that supports feed intake, milk production, reproductive performance, and overall herd health.

Designed for seamless integration into any ventilation strategy, high-pressure fogging systems work in conjunction with circulation, inlet, and exhaust fans to distribute cooled air evenly throughout the facility. When paired with automated controls, fogging cycles activate based on temperature and humidity conditions, ensuring precise cooling while minimizing water and energy use.

Constructed with durable, corrosion-resistant components, VES-Artex fogging systems are engineered to withstand harsh agricultural environments and provide long-term, reliable performance.

Key Benefits

- Reduces barn temperature through efficient evaporative cooling
- Improves cow comfort, production, and reproductive performance
- Minimizes moisture buildup on bedding and flooring
- Reduces heat stress during peak summer conditions
- Integrates easily with automated ventilation and control systems
- Uses less water than soaking

System Features

- High-pressure pumps for ultra-fine fog atomization
- Corrosion-resistant stainless steel and durable plumbing components
- Flexible installation for freestall barns, holding areas, and parlors
- Compatible with VES-Artex ventilation fans and automation controls

Automation Ready

High-Pressure Fogging Systems can be fully integrated with VES-Artex control platforms, allowing automatic operation based on environmental conditions for consistent cooling and optimal efficiency.

Create a Complete Cooling Strategy

For maximum effectiveness, pair VES-Artex High-Pressure Fogging Systems with louvered circulation fans and automated controls to deliver consistent, animal-centered cooling throughout your facility. Work with our team of experts to determine the optimal High-Pressure Fogging solution to maximize your cooling.

Ventilation

Cattle Handling

Calf Care

Automation

COOLING

Lighting

Biosecurity

FEEDLANE SOAKING SYSTEMS

VES-Artex Feedlane Soaking Systems provide targeted, effective cooling exactly where cows spend a significant portion of their day—at the feed bunk. By applying controlled amounts of water directly to the cow's back and hide, feedlane soaking helps dissipate body heat and reduce core temperature. When combined with proper airflow from circulation fans, this evaporative cooling process delivers immediate and lasting relief from heat stress.

Maintaining cow comfort at the feedlane is essential for preserving feed intake, milk production, and reproductive performance during warm weather. Feedlane soaking encourages cows to remain at the bunk longer, supporting consistent dry matter intake and overall herd productivity while minimizing the negative impacts of heat stress.

VES-Artex Feedlane Soaking Systems are built with durable, corrosion-resistant components and are designed for easy integration into both new and existing facilities. When paired with VES-Artex automation controls, soaking cycles activate automatically based on temperature and humidity conditions—ensuring efficient water use and consistent cooling without requiring manual operation.

Key Benefits

- Reduces heat stress by cooling cows at the feed bunk
- Encourages feed intake and supports milk production
- Improves cow comfort and overall herd health
- Minimizes water waste with controlled soaking cycles
- Supports automated, labor-saving barn management

System Features

- Durable piping and nozzle assemblies designed for agricultural environments
- Uniform water distribution across the feedlane
- Flexible installation for freestall barns and feeding areas
- Compatible with new construction and retrofit applications
- Inlet connector with solenoid, water filter and ball valve
- Galvanized water pipe with pipe connectors
- Anti Drip Nozzles spaced every 5' (1.5 m) along pipe
- Soaker pipe mount bracket
- Environmental controller which adjusts soaking system cycle based on temperature

Automation Ready

Feedlane Soaking Systems integrate seamlessly with VES-Artex control panels, allowing producers to automate cooling cycles based on real-time barn conditions for consistent, efficient performance.

Complete the Cooling Strategy

For maximum effectiveness, combine VES-Artex Feedlane Soaking Systems with circulation fans and ventilation controls to accelerate evaporation and deliver optimal cooling at the cow level.

Pipe Diameters		Pipe Lengths	
Inch	mm	Feet	Meter
2-3/8	60	5	1.52
2-7/8	73	10	3.05
3	89	20	6.1

COOLING

FEEDLANE SOAKING PIPE

Item Number	Description	Outside Diameter (OD)		Wall Thickness		Length		Type
		Inch	mm	Inch	mm	Feet	Meters	
107507	Soaker Pipe – 2-3/8" (60mm) OD x 5'(1.52M) Length w/60" (1.52m) Threaded Hole Spacing - 1 Hole	2-3/8	60	3/16	4	5	1.52	1 hole
107106	Soaker Pipe – 2-3/8" (60mm) OD x 10'(3.05M) Length w/60" (1.52m) Threaded Hole Spacing - 2 Holes	2-3/8	60	3/16	4	10	3.05	2 holes
105863	Soaker Pipe – 2-3/8" (60mm) OD x 20'(6.1M) Length w/60" (1.52m) Threaded Hole Spacing - 4 Hole	2-3/8	60	3/16	4	20	6.1	4 holes
107506	Soaker Pipe – 2-7/8" (73mm) OD x5'(1.52M) Length w/60" (1.52m) Threaded Hole Spacing - 1 Hole	2-7/8	73	3/16	4	5	1.52	1 hole
107107	2-7/8" (73mm) OD x 3/16" (4mm) Wall x 10'(3.05m) Length w/60" (1.52m) Threaded Hole Spacing - 2 Holes	2-7/8	73	3/16	4	10	3.05	2 holes
106970	Soaker Pipe – 2-7/8" (73mm) OD x 3/16" (4mm) Wall x 20'(6.1m) Length w/60" (1.52m)Threaded Hole Spacing - 4 Holes	2-7/8	73	3/16	4	20	6.1	4 holes
107508	Soaker Pipe – 3-1/2" (89mm) OD x 3/16" (4mm) Wall x 5'(1.52m) Length w/60" (1.52m) Threaded Hole Spacing - 1 Hole	3-1/2	89	3/16	4	5	1.52	1 hole
106971	Soaker Pipe – 3-1/2" (89mm) OD x 3/16" (4mm) Wall x 20'(6.1m) Length w/60" (1.52m) Threaded Hole Spacing - 4 Holes	3-1/2	89	3/16	4	20	6.1	4 holes

FEEDLANE SOAKING BRACKETS

Image	Item Number	Description	Pipe Size		Post Size		Offset		Qty/Kit
			Inch	mm	Inch	mm	Inch	mm	
	107092	Soaker Pipe Mounting Bracket	2-3/8	60	Square Wood Post		1-15/16	50	Kit (1 x Clamp / Hdw)
	107280	Soaker Pipe Mounting Bracket	2-3/8	60	2-7/8	73	7-5/16	186	Kit (1 x Clamp / Hdw)
	107091	Soaker Pipe Mounting Bracket	2-3/8	60	2-7/8 to 3	73-76	5-7/8	149	Kit (1 x Clamp / Hdw)
	107721	Soaker Pipe Mounting Bracket with 45 degree	2-3/8	60	2-7/8 to 3	73-76	8-15/16	227	Kit (1 x Clamp / Hdw)
	107143	Soaker Pipe Mounting Bracket	2-3/8	60	3	76	7-5/16	186	Kit (1 x Clamp / Hdw)
	107345	Soaker Pipe Mounting Bracket	2-3/8	60	3-1/2	89	7	178	Kit (1 x Clamp / Hdw)
	107281	Soaker Pipe Mounting Bracket	2-3/8	60	4	102	7-1/4	184	Kit (1 x Clamp / Hdw)
	107737	Soaker Pipe Mounting Bracket	2-3/8	60	4-1/2	114	7-1/4	184	Kit (1 x Clamp / Hdw)
	107151	Soaker Pipe Mounting Bracket	2-3/8	60	5-1/2	141	7	178	Kit (1 x Clamp / Hdw)

FEEDLANE SOAKING HARDWARE

Image	Item Number	Description	Pipe Cup Size		Post Size		Length		Qty/Kit
			Inch	mm	Inch	mm	Feet	Meters	
	107378	Soaker Pipe Mounting Bracket, Square Post	2-3/8	60	5 x 5	127 x 124	7-5/8	193.8	Kit (1 x Clamp / Hdw)
	107547	Soaker Pipe Mounting Bracket, Square Post	2-3/8	60	6 x 6	152 x 152	7-5/16	185.7	Kit (1 x Clamp / Hdw)
	107361	Soaker Pipe Mounting Bracket	2-7/8	73	2-7/8 to 3	73-76	7-5/16	186	Kit (1 x Clamp / Hdw)
	107423	Soaker Pipe Mounting Bracket – Extended	2-7/8	73	3	76	9-3/4	248	Kit (1 x Clamp / Hdw)
	107418	Soaker Pipe Mounting Bracket	2-7/8	73	3-1/2	89	6-13/16	174	Kit (1 x Clamp / Hdw)
	107494	Soaker Pipe Mounting Bracket, Square Post	2-7/8	73	4 x 4	102 x 102	7-5/8	193.7	Kit (1 x Clamp / Hdw)
	107502	Soaker Pipe Mounting Bracket	2-7/8	73	6-5/8	168	7-3/8	187	Kit (1 x Clamp / Hdw)
	107501	Soaker Pipe Mounting Bracket	2-7/8	73	8-5/8	219	7-3/8	187	Kit (1 x Clamp / Hdw)
	107551	Soaker Pipe Mounting Bracket	2-7/8	73	Square Wood Post		6-1/16	154	Kit (1 x Clamp / Hdw)
	108549	Soaker Pipe Mounting Bracket	3-1/2	89	2-7/8 to 3	73-76	7-13/16	199	Kit (1 x Clamp / Hdw)
	107788	Soaker Pipe Mounting Bracket, Square Post	2-3/8	60	7" square	178 square	7-7/8	201	Kit (1 x Clamp / Hdw)
	108864	Soaker Pipe Mounting Bracket	3-1/2	89	3-1/2	89	7-13/16	199	Kit (1 x Clamp / Hdw)
	107097	Soaker Pipe Mounting Bracket with 45 degree angle	2-3/8	60	Self Lock Mounted		7-1/2	191	1 EA c/w Hardware
	107152	Soaker Pipe Mounting Bracket with 45 degree angle	2-7/8	73	Self Lock Mounted		7-3/4	197	1 EA c/w Hardware
	107153	Soaker Pipe Mounting Bracket with 45 degree angle	3-1/2	89	Self Lock Mounted		8-1/16	205	1 EA c/w Hardware
	107721	Soaker Pipe Mounting Bracket with 45 degree angle	2-3/8	73	2-7/8	73	8-3/4	222.4	Kit (1x clamp/hdw)
	116903	Soaker Nozzle, 1.2GPM, 5 piece, Stainless steel tip with red orifice and stainless steel ball	NA	NA	NA	NA	NA	NA	1 EA

COOLING

FEEDLANE SOAKING HARDWARE

Image	Item Number	Description	Wall Thickness		Length		Outside Diameter (OD)	
			Inch	mm	Inch	mm	Inch	mm
	107072	Soaker Pipe Adaptor, Rolled Groove to NPT	3/16	4	6	152	2-3/8	60
	107073	Soaker Pipe Adaptor, Rolled Groove to NPT	3/16	4	6	152	2-7/8	73
	107074	Soaker Pipe Adaptor, Rolled Groove to NPT	3/16	4	6	152	3-1/2	89

Image	Item Number	Description	Outside Diameter (OD)	
			Inch	mm
	106196	Soaker Pipe Connection Coupling	2-3/8	60
	106197	Soaker Pipe Connection Coupling	2-7/8	73
	106198	Soaker Pipe Connection Coupling	3-1/2	89
	106206	Soaker Pipe Tee	2-3/8	60
	106207	Soaker Pipe Tee	2-7/8	73
	106208	Soaker Pipe Tee	3-1/2	89
	109007	Soaker Pipe Elbow 90° Grooved Ends for Use with coupling 108481	2-3/8	60
	109008	Soaker Pipe Elbow 90°- Grooved Ends for Use with Coupling 108483	3-1/2	89
	108881	Soaker Pipe Elbow 90° - Grooved Ends for Use With Coupling 108482	2-7/8	73

Image	Item Number	Description
	107156	2-3/8" (60mm) - Ball Valve Full Size - Brass - NPT Thread – ¼" turn – 150 GPM
	107148	2-7/8" (73mm) - Ball Valve Full Size - Brass - NPT Thread – ¼" turn – 150 GPM
	117500	3 ½" (89mm) - Ball Valve Full Size - Brass - NPT Thread– ¼" turn – 360 GPM

INTELLIGENT SOAKER SYSTEM

The VES-Artex Intelligent Soaker System delivers precision cooling designed to protect your herd from heat stress while maximizing efficiency and minimizing water use. By combining advanced controls with strategically placed soaking lines, the system automatically applies water at the optimal time and duration to cool cows effectively without over-soaking bedding or walkways.

Unlike manual soaking methods, the Intelligent Soaker uses real-time environmental data to activate cooling cycles based on temperature, humidity, and programmed setpoints. This automated approach ensures cows receive consistent cooling throughout the day, helping maintain feed intake, milk production, and reproductive performance—even during periods of extreme heat.

Built for durability in harsh agricultural environments, the Intelligent Soaker integrates seamlessly with VES-Artex ventilation and automation systems to create a complete, animal-centered cooling strategy. When paired with circulation fans, the soaking process accelerates evaporative cooling, delivering fast, effective relief exactly where cows need it most.

Automation Ready

The Intelligent Soaker integrates with VES-Artex control systems, allowing full automation and coordination with ventilation fans, curtains, and fogging systems for complete environmental management.

Key Benefits

- Automatically cools cows based on real-time barn conditions
- Reduces heat stress, supports milk production and fertility
- Optimizes water usage with precision-controlled soaking cycles
- Eliminates manual operation and reduces labor demands
- Enhances overall cow comfort and herd performance

System Features

- Programmable temperature-based activation and cycle timing
- Durable, corrosion-resistant components for long service life
- Uniform water delivery for consistent cooling coverage
- Flexible installation for feedlanes, holding areas, and freestall barns
- 100 soaking units per 500' (152 m) run
- 5' or 6' (1.5m or 1.8m) spacing between soaking units
- 600' (182 m) total of electrical wiring
- 7' (2.1 m) installation height for Holsteins
- 20-35 PSI of water pressure is required
- Water quality should be tested and treated as needed
- Stainless steel nozzle and tip provide durability

Complete the Cooling Strategy

For maximum efficiency, combine the Intelligent Soaker with VES-Artex circulation fans and automation controls to create a fully integrated, animal-centered environment that keeps cows comfortable and productive year-round.

COOLING

Item Number	Description
118478	Intelligent Soaker 2.0 5'Kit. Includes LED Harness, Soaking Unit, and Nozzle for (1) Soaking Connection
118479	Intelligent Soaker 2.0 20'Kit. Includes LED Harness, Soaking Unit, and Nozzle for (4) Soaking Connection
118480	Intelligent Soaker 2.0 6'Kit. Includes LED Harness, Soaking Unit, and Nozzle for (1) Soaking Connection
118481	Intelligent Soaker 2.0 24'Kit. Includes LED Harness, Soaking Unit, and Nozzle for (4) Soaking Connection
118482	Intelligent Soaker 2.0 Panel Kit. Includes (2) 100' Extensions and (1) Power Box. Maximum of (2) 500' Zones.
118448	Intelligent Soaker 2.0, Soaking Unit
118477	Soaker Nozzle, for Intelligent Soaker. 1.2GPM. 3 Piece, SS Tip w/Red Orifice, SS Collar, and SS Body. Does Not Include Ball and Spring or Plunger.
118449	Cable Assembly, 5' Intelligent Soaker Section, w/1 Nozzle Connection, w/LED Indicator
118450	Cable Assembly, 20' Intelligent Soaker Section, w/1 Nozzle Connection, w/LED Indicator
118451	Cable Assembly, 6' Intelligent Soaker Section, w/1 Nozzle Connection, w/LED Indicator

SOAKING CALCULATOR APP

VES-Artex has a **Soaking Calculator App** that uses geographical information and historical weather data to provide an estimate for the hours your cows experience heat stress and a comparison of three soaking system options. To deploy, visit your app store on your mobile device and search **VES-Artex Soaking Calculator**.
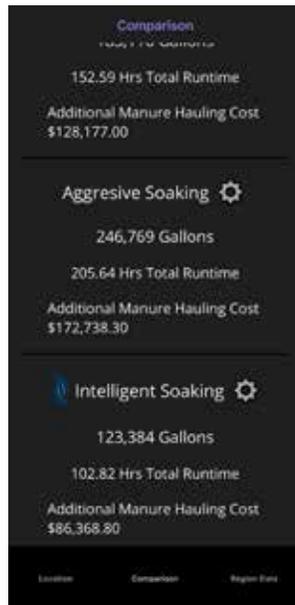
COOLING

INTELLIGENT SOAKER PRO PANEL

The VES-Artex Intelligent Soaker Pro Panel (part number 119092) is the command center for advanced evaporative cooling management. Designed to give producers full visibility and control, this intuitive touchscreen interface allows you to monitor, program, and adjust soaking cycles with precision—ensuring cows receive consistent cooling exactly when they need it.

Each Pro Panel includes two 100' extension wire harnesses, enabling control of two zones with up to four 100' Intelligent Soaker runs per zone. This flexible configuration makes it ideal for feedlanes, holding areas, and large freestall barns where targeted cooling is essential.

When paired with a barn temperature and humidity sensor, the Pro Panel automatically adjusts soaking cycles based on real-time environmental conditions—reducing heat stress while optimizing water usage. An external controller can also be integrated for expanded system coordination within your overall ventilation strategy.

Built with internet connectivity in mind, the Intelligent Soaker Pro Panel provides remote access from any smart device. Receive weekly water usage reports via email and monitor system status anytime, anywhere. Integrated water flow meters deliver real-time insight into water volume, temperature, and flow rate—helping you manage performance, efficiency, and sustainability with confidence.

Key Features

- Full-color touchscreen interface for easy programming
- Controls two zones with up to four 100' runs per zone
- Optional temperature and humidity sensor integration
- Remote access and weekly water usage reporting
- Integrated water flow meters for real-time monitoring
- Flexible manual or automated operation modes

Why It Matters

Precision soaking protects milk production, supports reproductive performance, and improves overall cow comfort while reducing labor demands and controlling water consumption. The Intelligent Soaker Pro Panel ensures your cooling strategy is proactive, measurable, and fully aligned with an animal-centered environment.

Custom Fabrication That Keeps Your Project Moving

Ventilation

Cattle Handling

Calf Care

Automation

COOLING

Lighting

Biosecurity

VES-ARTEX NOW OFFERS IN-HOUSE CUSTOM STEEL FABRICATION

No two dairies are the same. Barn layouts vary, airflow challenges differ, and the right solution often requires more than an off-the-shelf component.

That's why VES-Artex now offers expanded in-house custom steel fabrication, giving producers and dealers the flexibility to get exactly what their facility needs without the delays.

With the addition of a press brake, plasma table, and pipe bender, our team can design and fabricate steel components faster and with greater precision than ever before. Bringing these capabilities in-house means shorter lead times, faster adjustments, and the ability to respond quickly when projects evolve in the field.

Whether you're tackling a retrofit, expansion, or a completely custom ventilation challenge, VES-Artex can build the components needed to keep your project moving. Our engineering, service, and installation teams work together to ensure every piece fits properly and performs exactly as intended once it's in the barn.

Custom solutions. Faster turnaround. Built for the realities of the farm.

What custom project can we start for you today?

LIGHTING

Precision lighting supports peak animal performance by aligning light delivery with physiological needs throughout every season.

A modern, animal-centric lighting strategy uses energy-efficient LED industrial fixtures engineered to match a cow's core retinal sensitivity—providing up to 16 hours of optimized light per day to promote comfort, productivity, and overall well-being.

Lighting in your barn is a strategic investment influencing animal health, staff safety, regulatory compliance, and financial success. By choosing the right barn lighting solutions and implementing them effectively, dairy producers can create a brighter and more prosperous future for their business and herd.

WHAT ARE THE BENEFITS OF PROPER LIGHTING?

Animal Well-Being

Proper lighting enables staff to monitor and clean all areas effectively, preventing contaminated milk and lowering somatic cell counts. Animals experience improved health, increased feed intake, and better growth rates.

Staff Safety & Morale

Well-lit environments enhance staff safety, boost morale, and increase job retention rates as they can continue to reach specific quotas and hit bonuses. If staff members can see what they're doing, they can work quickly and efficiently.

Compliance & Regulation

By meeting governmental regulations and safety guidelines, lighting solutions ensure compliance, which ensures you don't have to waste money on fines and fees. Thus, enhancing the farm's reputation and financial performance.

HIGH BAY LIGHTING

Ventilation

Cattle Handling

Calf Care

Automation

Cooling

LIGHTING

Biosecurity

AGM5 PEAK ARRAY

The AGM5 Peak Array is the new release of the AGM3. It still has the namesake "peak" which keeps birds from nesting on top. The Peak Array is constructed from durable, corrosion-resistant aluminum. It is UL Listed with an IP65 rating. All units are dimmable which means they are easily incorporated into any long-day lighting strategy.

After the peak, the most noticeable physical component of this light is its square shape. This unique design spreads the light in a wide footprint which reduces hot spots, shadows, and glare for the herd. Without these stressors, the herd is more relaxed. The AGM5 differs from the AGM3 in that the LED lights are positioned at an angle, furthering the wide footprint.

Product Details

- Color Temperature: 5000K
- Ratings: IP65, UL, DLC Premium
- Warranty: 6 years
- 6kV combi-wave surge rating per ANSI C82.77-5 CAT C
- Optional electrical insulation to isolate from metal roofing
- Housing is reusable at the end of LED's life

Item Number	Fixture Watts	Maximum Lumen Output	Lumens per Watt (lm/W)	Voltage	Dimmable	Order Online
118524	100	16,000	160	120 V	0-10V Dimmable	✓
118464	100	16,000	160	480 V	0-10V Dimmable	✓
119074	150	25,000	167	480 V	0-10V Dimmable	✓

AGM3 PEAK ARRAY

The premier high bay lighting solution for dairy barns. The body style features its namesake "peak" which keeps birds from nesting on top. The Peak Array is constructed from durable, corrosion-resistant aluminum. It is UL Listed with an IP65 rating. All units are dimmable which means they are easily incorporated into any long-day lighting strategy.

After the peak, the most noticeable physical component of this light is its square shape. This unique design spreads the light in a wide footprint which reduces hot spots, shadows, and glare for the herd. Without these stressors, the herd is more relaxed.

Product Details

• Color Temperature: 5000K
• Ratings: IP65, UL, DLC Premium
• Warranty: 7 years
• 6kV combi-wave surge rating per ANSI C82.77-5 CAT C
• Optional electrical insulation to isolate from metal roofing
• Housing is reusable at the end of LED's life

Item Number	Fixture Watts	Maximum Lumen Output	Lumens per Watt (lm/W)	Voltage	Dimmable	Order Online
117466	100 W	16,000	164	120/277 V	0-10V Dimmable	✔
117467	100 W	16,000	164	480 V	0-10V Dimmable	✔
117468	150 W	25,000	167	120/277 V	0-10V Dimmable	✔
117469	150 W	25,000	167	480 V	0-10V Dimmable	✔
117470	200 W	33,000	165	120/277 V	0-10V Dimmable	✔
117471	200 W	33,000	165	480 V	0-10V Dimmable	✔

LIGHTING

OPTIMAL ARRAY

This is the optimal premium LED high bay light. It is ideal for long-day lighting systems and uses fewer fixtures than other inexpensive lights. Its unique design is perfect for "dusty" locations like the freestall areas. The heat sink allows for the top to be smooth, so birds cannot nest on the fins. Premium efficiency, premium life and premium light spread makes it an ideal choice for the dairy industry.

The Optimal Array is a tier above all other UFO or circular style lights because it uses energy more efficiently and its internal components have more durable construction.

Product Details

- Color Temperature: 5000K
- Power Factor: >0.95
- Warranty: 5 years
- Adjustable wattage
- Ratings: IP65, ETL, CE, FC, SAA, RoHS, DLC Listed Premium
- Ambient Operational Temperature: –40^{0}F to 113^{0}F (–40^{0}C to 45^{0}C)

Item Number	Fixture Watts	Lumen Output	Voltage	Dimmable	Order Online
118916	80 – 120 - 150 W	14,320 / 21,480 / 27,000	120-277 V	0-10V Dimmable	✓
118917	80 – 120 - 150 W	14,320 / 21,480 /27,000	277 - 480 V	0-10V Dimmable	✓

Ventilation · Cattle Handling · Calf Care · Automation · Cooling · LIGHTING · Biosecurity

UFO HIGH BAY LIGHT

The VES-Artex UFO High Bay Light delivers powerful, uniform illumination designed to meet the demanding conditions of dairy barns and livestock facilities. Its compact, round design provides excellent light distribution across large areas while minimizing shadows and dark zones that can disrupt herd movement and behavior.

Constructed with a rugged, corrosion-resistant housing and sealed against dust and moisture, the UFO High Bay Light is engineered for reliable, long-term operation in harsh agricultural environments. Its energy-efficient LED technology reduces operating costs.

Product Details

- Color Temperature: 5000K, 5700K
- Ratings: IP65, ETL, UL, DLC Premium
- Warranty: 5 years
- High-efficiency LED output (24,000 lumens) for reduced energy consumption
- Compact, sealed housing for durability in agricultural environments
- Compatible with dimming controls for automated lighting strategies

Item Number	Fixture Watts	Maximum Lumen Output	Lumens per Watt (lm/W)	Voltage	Dimmable	Order Online
104462	150 W	24,000	160	277-480 V	0-10V Dimmable	✔
104463	200 W	24,000	160	277-480 V	0-10V Dimmable	✔

LIGHTING

ECO UFO LED LIGHT

The VES-Artex Eco UFO LED Light delivers dependable, energy-efficient illumination for dairy barns, livestock housing, and agricultural buildings. Its compact, round design provides consistent light coverage that improves visibility while minimizing shadows and glare. Proper lighting helps support cow comfort, natural activity patterns, and effective long-day lighting programs that contribute to herd productivity and overall facility performance.

Built with durability in mind, the Eco UFO LED Light features a corrosion-resistant housing and sealed components to withstand harsh barn environments. Its high-efficiency LED technology reduces energy consumption and maintenance costs, making it a practical, cost-effective solution for both new installations and retrofit projects.

Product Details

- Color Temperature: 4000K, 5000K, 5700K
- Ratings: IP65, UL Listed, CUL, DLC
- Warranty: 5 years
- Operarational Temperature: –32° to 140° F, –36° to 60° C
- Energy-efficient LED design reduces operating costs
- Durable, sealed housing for long service life
- Compatible with automated and long-day lighting control systems

Item Number	Fixture Watts	Maximum Lumen Output	Lumens per Watt (lm/W)	Voltage	Dimmable	Order Online
119189	150 W	24,000	160	277-480 V	0-10V Dimmable	✓
119189	200 W	32,000	160	277-480 V	0-10V Dimmable	✓
119189	240 W	38,400	160	277-480 V	0-10V Dimmable	✓

Ventilation

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AURORA ARRAY

The VES-Artex Aurora Array low baylight is engineered to deliver consistent, comfortable illumination in dairy barns, calf facilities, parlors, and other low-mount applications. Its low-profile design distributes light evenly across the pen, reducing shadows and glare that can cause stress and hesitation in livestock. By creating a calm, well-lit environment, the Aurora Array supports cow comfort, safe movement, and optimized production.

The Aurora Array is our leading tri-proof linear light. Tri-proof lights are moisture, corrosion, and explosion-proof. Ideal for ceilings 14' (4.3m) and under, this light makes a big impact. Completely sealed and safe to use in harsh environments, it can be used in the parlor, walkways, and low bay areas. The aluminum housing allows heat to escape quickly which extends the life of each unit.

Product Details

- Color Temperature: 3000K, 4000K, 5000K
- Efficacy: 120/140/160 lumens per watt
- All units are 1 – 10 V dimmable
- All units are 120 – 277 Volt
- Ratings: IP65, ETL, CE, RoHS, UL Listed, DLC
- Warranty: 5 years
- Operarational Temperature: –30° to 112° F, –30° to 45° C
- Low-profile design ideal for lower mounting heights
- Energy-efficient LED reduces operating costs
- Compatible with automated lighting control systems

Fixture (Length)	Item Number	Power (Watt)	5000K		4000K		3000K		Order Online
			Lumens per Watt (lm/W)	Typical Lumen Output	Lumens per Watt (lm/W)	Typical Lumen Output	Lumens per Watt (lm/W)	Typical Lumen Output	
4 ft (1.2m)	117572	20	170	3400	167	3332	162	3230	✔
		30	162	4860	159	4763	154	4617	✔
8 ft (2.4m)	117573	40	160	6400	157	6272	152	6080	✔
		50	160	6400	157	6272	152	6080	✔

ECO VAPOR TIGHT LED

A dependable low bay lighting solution built for demanding agricultural and industrial environments. The VES-Artex Eco Vapor Tight LED is ideal for offices, hallways, equipment rooms, workshops, utility areas, and low-clearance barns where moisture, dust, and debris are common.

Designed with a wide 110° beam angle, this fixture delivers broad, even light distribution—reducing shadows and minimizing the number of fixtures required for full coverage. Its slim, enclosed profile helps protect internal components from moisture and airborne contaminants, making it a smart choice for livestock facilities and wash-down areas.

Constructed with durable extruded opal prismatic housing and UV protection, the Eco Vapor Tight LED ensures long-lasting performance and consistent light quality in harsh environments.

Product Details

- Color Temperature: 3000K/4000K/5000K
- Efficacy: 135 lumens per watt
- Power Factor: >0.90
- Ratings: IP65, ETL, DLC certified
- Warranty: 5 years
- Adjustable wattage and color temperature output
- Each unit is 120 – 277 Volt
- Operation Temperature: –4°F to 104°F (-20°C to 40°C)

Fixture (Length)	Item Number	Fixture (Watt)	Lumens per Watt (lm/W)	Typical Lumen Output	Order Online
4 ft (1.2m)	119191	40	135	5400	✓
		50	135	6750	✓
		60	135	8100	✓

Precision lighting to optimize animal health and productivity

A strategic LED lighting system provides the right amount of light to optimize animal well-being and maximize productivity. Automating the lighting system saves you money, time, and gives you peace of mind knowing that your herd is benefiting from the lighting strategy.

Short-day lighting is defined 6-8 hours of brightness a day with 20-foot candles (220 Lux.)
When short-day lighting is used during the dry period, research shows milk production increases in the first 120 days-in-milk compared to lighting the barn for 12 hours per day.

Long-day lighting is defined as 16-18 hours of brightness a day with 20-foot candles (220 Lux.)
When long-day lighting is used for growing heifers and lactating animals, research shows increased milk production, reproduction, feed efficiency, and better heifer growth compared to lighting the barn 12 hours a day, or less during short winter days.

HYGIENE ARRAY

Our Hygiene Array is a low-profile, impact resistant (IK10 certified) linear light producing up to 8,000 lumens for use primarily in parlors. Mount it on the butt tray of a parallel parlor or the water ring of a rotary parlor. Their low-profile housing IK10 impact certification ensures their durability in harsh environments.

The plug-and-play quick connectors and cabling provide an easy installation process. Use a single luminaire or connect up to 80′ (24.4m) luminaries in a single run. Designed with an embedded aluminum heatsink for cooling, each light lasts longer in hot and cold environments than other LED and incandescent lights. The Hygiene Array is superior chemical and UV resistant with an IP68/IP69K rating. Stainless mounting brackets provide reliable installation and the connection wiring cable lengths are available from 1′ to 20′ (0.3m to 6m).

Product Details

- Color Temperature: 5000K
- Efficacy: Up to 160 LPW
- Voltage: 120-277V
- IP Ratings: IP68, IP69K, UL, NEMA4X, NEMA 6P, DLC Premium
- Warranty: 5 years
- Delivered light output: Up to 8,000 lumens
- Run length can extend up to 80′ (24.4m) of luminaries, not including jumpers.
- Operation Temperature: -40°F to 131°F (-40°C to 55°C)

Item Number	Fixture	Maximum Lumen Output	Lumens per Watt (lm/W)	Voltage
115574	2 FT - Single End	2,000	160	120/277 V
115575	2 FT- Dual End	2,000	160	120/277 V
115576	4 FT - Single End	4,000	160	120/277 V
115577	4 FT - Dual End	4,000	160	120/277 V
115578	6 FT - Single End	6,000	160	120/277 V
115579	6 FT - Dual End	6,000	160	120/277 V
115580	8 FT - Single End	8,000	160	120/277 V
115581	8FT - Dual End	8,000	160	120/277 V

WALL PACK

With advanced LED technology, the wall packs consume significantly less electricity compared to traditional lighting options. They are constructed with high-quality materials to provide reliable outdoor lighting for years, reducing the need for frequent replacements.

The large LED semi-cutoff wall pack light fixture features a high-pressure die-cast aluminum housing and hinged front frame with 1/2" coin plugs with o-rings for conduit & photocell. A bronze powder coat anti-static finish provides years of protection. These wall packs are IP54 rated ensuring their durability and longevity.

Product Details

- Color Temperature: 5000K
- Power Factor: >0.9
- Voltage: 120-277V
- Not dimmable
- IP Ratings: IP54, IP65, CE, UL
- Warranty: 5 years
- Operational Temperature: –13°F to 104°F (–25°C to 40°C)

Item Number	Power (Watt)	Typical Lumen Output	Lumens/Watt	Length		Height		Width		Order Online
				Inch	mm	Inch	mm	Inch	mm	
102642	40W/60W/80W	10,000	110	14-3/16	360	9-1/8	232	7-5/16	186	✔
102644	100W/120W	14,400	120	18-5/16	465	9-1/8	232	9-1/4	235	✔

ECO WALL PACK

Economic full-cut wall packs are fantastic lighting choices for outdoor use. With over 3,000 LED chips, these lights have a high transmittance rate to properly illuminate walkways, entryways, warehouses, etc. The full-cut construction minimizes light pollution without compromising illumination. Each unit offers wattage options. There is also a built-in photocell, automatically turning the light on at dusk and off at dawn.

These LED wall packs are constructed with heavy die-cast aluminum alloy housing. They feature a bronze powder coated anti-static finish which provides years of protection. These wall packs are I65 waterproof rated. Wall mount installation hardware is included.

Product Details

- Color Temperature: 5000K
- Power Factor: >0.9
- Voltage: 120-277V
- IP Ratings: IP65, CE, UL, DLC
- Warranty: 5 years
- Operational Temperature: –33°F to 140°F (–36°C to 60°C)

Item Number	Watts	Typica Lumen Output	Lumens per Watt (lm/W)	Voltage	Order Online
119188	60 W	7,800	130	120-277 V	✔
	80 W	10,400	130	120-277 V	✔
	100 W	13,000	130	120-277 V	✔
	120 W	15,600	130	120-277 V	✔

Ventilation

Cattle Handling

Calf Care

Automation

Cooling

LIGHTING

Biosecurity

ENVIROWALL POLYCARBONATE PANELS

EnviroWall Polycarbonate allows natural light to come through without harmful UV rays. That's right, 35% of sunlight is allowed through, but heat and harmful UV rays are completely denied. Connect light sensors to an overarching lighting control system to leverage natural lighting with the indoor lighting structure. This means indoor lighting will dim and shut off as natural light increases, resulting in big savings on energy and bulb life. The polycarbonate panels are corrosion and impact-resistant which means harsh weather conditions, such as hail, does not damage the panels. They are a cost-effective alternative to steel siding and can also be used as interior baffles.
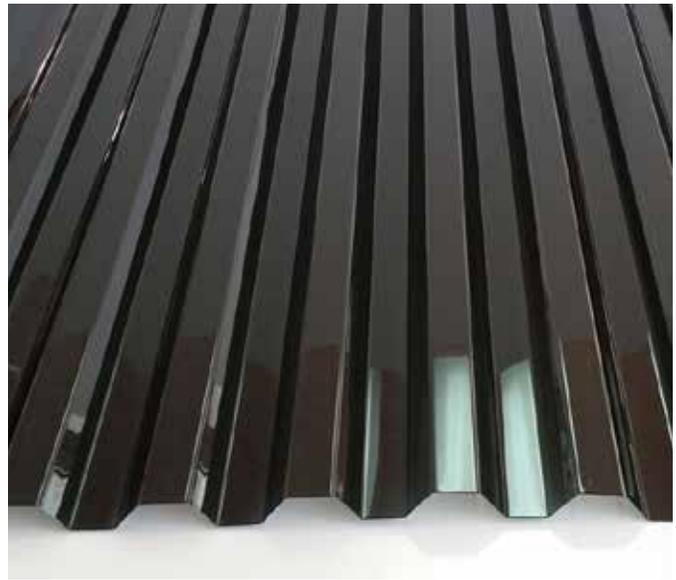
| Item Number	Height		Width		Colors
	Feet	Meters	Feet	Meters	
103282	12'	3.6			
103283	14'	4.3	49.6"	15.1	Solar Grey
103284	16'	4.9			

ACRYLOY PANELS

Acryloy panels are a composite matrix of polyester resin and chopped strand fiberglass reinforcement. This glass reinforcement is multi-directional and provides equal strength in all directions. The ability to absorb various forces without damage to its structural integrity is critical to the long-term performance of the panels. Acryloy panels are about 0.060" (1.5cm) thick.

Product Details

- The conductivity (K factor) ASTM C177 is 1.04. The resulting U-value for the panel is 17.3.
- The resulting R-value is 0.058.

Item Number	Description
115323	Siding Panel, Acryloy, 7.2 x 1.5 Profile x 46.5"
115397	Screw – Hex – Acryloy & Metal x 1-1/4", TEKS, (100 Pc/Pkgs)
115398	Screw – Hex – Acryloy & Wood x 1-1/2", TEKS, (100 Pc/Pkgs)
115399	Screw – Hex – Acryloy, Lap/Seam Fastener x 1-1/4", (100 Pc/Pkgs)
115400	Closure Strips, Acryloy, 7.2 x 36"

LIGHTING
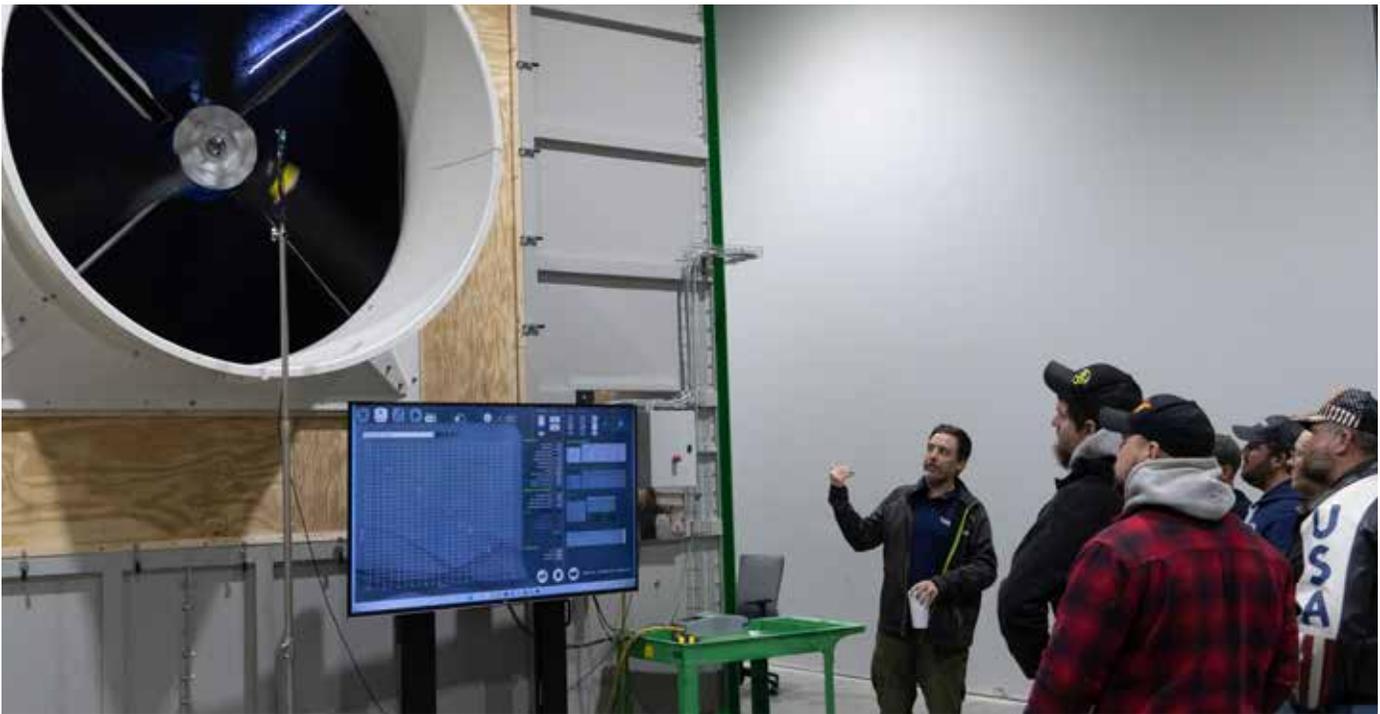
Built on Proof, Not Promises

At VES-Artex, performance isn't assumed—it's tested.

Our state-of-the-art ventilation test chamber allows our engineering team to evaluate airflow, pressure, efficiency, and durability under controlled conditions before a product ever reaches the barn. Every fan, ventilation component, and airflow solution is measured against real-world performance standards to ensure it delivers the airflow and reliability dairy producers depend on.

By testing ventilation systems in a controlled environment, we can fine-tune designs, improve efficiency, and validate performance across a wide range of operating conditions. The result is equipment that performs exactly as expected once it's installed in the field—helping maintain consistent barn climates, improve cow comfort, and support herd productivity.

Innovation doesn't happen by accident. It happens in the lab before it ever reaches your barn.
VES-Artex. Tested. Proven. Built for the realities of dairy ventilation.

Call **888-622-2999** to order or visit **ves-artex.com** for more info. | **139**

BIOSECURITY

Protecting herd health starts at the point of entry. Effective biosecurity protocols are essential to prevent the introduction and spread of pathogens that can impact animal welfare, milk production, and overall farm profitability. Every person, vehicle, and piece of equipment that enters your facility has the potential to carry contaminants, making prevention a critical component of modern dairy management.

VES-Artex Biosecurity solutions are designed to help producers establish clear sanitation procedures and maintain cleaner, safer environments. From sanitation stations that promote proper hygiene to durable tools engineered for daily cleaning and maintenance, our products support proactive disease prevention and operational efficiency.

By integrating biosecurity practices into your daily routine, you can reduce health risks, protect your investment, and ensure long-term performance from your herd. VES-Artex provides the reliable, easy-to-use equipment you need to make biosecurity a seamless part of your operation.

SANITATION STATION

The VES-Artex Sanitation Station provides a centralized, organized solution to help staff and visitors follow proper hygiene protocols before entering or exiting animal areas. By creating a dedicated space for cleaning and disinfecting footwear, tools, and hands, the Sanitation Station helps reduce the risk of introducing and spreading harmful pathogens within your facility.

Designed for durability in harsh agricultural environments, each station is constructed from corrosion-resistant materials and built to withstand daily use. Its practical layout keeps essential sanitation supplies accessible and visible, encouraging routine compliance and making biosecurity procedures easy to follow.

Whether installed at barn entrances, calf areas, or transition zones, the VES-Artex Sanitation Station supports herd health, protects productivity, and reinforces your commitment to a clean, well-managed operation.

Item Number: 119096

HEAVY-DUTY SCRAPER

Built to handle the toughest cleaning jobs, the VES-Artex Heavy-Duty Scraper aids in maintaining a clean, biosecure facility. Designed to efficiently remove manure, mud, bedding, and organic buildup, this scraper helps reduce pathogen load in high-traffic areas such as entryways, feed lanes, and sanitation stations.

Constructed with a durable, corrosion-resistant blade and a rugged handle, the Heavy-Duty Scraper delivers reliable performance in harsh agricultural environments. Its wide scraping surface allows staff to clean boots, equipment, and concrete surfaces quickly and effectively, supporting daily hygiene protocols without damaging flooring.

Item Number:
24"	119171
30"	119172

SCRUB BRUSH

Complete your sanitation routine with the VES-Artex Scrub Brush, designed to deliver detailed, effective cleaning. Ideal for boots, tools, and equipment, this brush helps remove stubborn organic material that can harbor bacteria and pathogens, supporting a stronger biosecurity program.

Durable, stiff bristles are engineered to loosen and remove debris without excessive wear, while the corrosion-resistant construction ensures dependable performance in demanding agricultural environments. Compact and easy to handle, the scrub brush allows staff and visitors to thoroughly clean critical contact points before entering or exiting animal areas.

Item Number: 119173

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With 50+ years of experience serving the agricultural industry, VES-Artex is a proven global technology solutions provider for environmental systems and we can't wait to connect with you! Let's build solutions together! Call **888-622-2999** or visit **ves-artex.com** for more info.