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PRODUCTS CATALOG

Happy pigs, happy farm

“At Farmjoy, happiness begins with pigs
— and grows into farms.”



About Farmjoy

Farmjoy provides integrated solutions for modern pig farming. We focus on improving farm productivity, animal welfare and long-term sustainability. By combining practical engineering with industry experience, we support pig producers in building efficient, reliable and future-ready farms. Our approach is based on system integration — connecting housing, feeding, climate control and project delivery into one coordinated solution. This helps simplify farm management, improve animal comfort and optimize production performance.

Our Integrated Solution Portfolio Includes:

Farmjoy EPC Design & Delivery

Planning, engineering and complete project delivery for modern pig farming facilities.

Steel Structure Building System

Durable and efficient pig house structures designed for optimal ventilation, long-term use and flexible farm layouts.

SowEase Welfare Housing

Reliable feeding technologies ensuring consistent feed delivery and efficient farm operation.

FeedX Smart Feeding

Reliable feeding systems ensuring consistent feed delivery, improved efficiency and reduced labor.

Airiya Climate & Ventilation

Advanced environmental control solutions that create stable, healthy conditions for pigs.

Composting & Nutrient Recycling

Efficient manure management systems that convert waste into valuable organic fertilizer.

At Farmjoy, we believe that a modern pig farm should be a place where animals are raised with care and farmers work with confidence.

Farmjoy — Solutions for those who take pig farming seriously.

Directory

1.Farm Design & Turnkey Solutions

Farm Design	01
Turnkey Solutions	05

2.Penning & Housing Systems

Welfare Farrowing Crates-Sow Ease™	07
Welsafe Farrowing Crate-Sow Joy™	10
Standard European Farrowing Crate-Fl	13
European Farrowing Crate-X	14
Breeding Stalls	15
Gestsion Stall-G1	17
Gestsion Stall-G2	19
Fattening Pen	21
Nursery Pen	23
Boar Pen	25
Boar Semen Collection Stall	26
ESF Selfifeeder	27

3.Feeding & Drinking Systems

Feeding System	29
Galvanized Silo	31
Chah Disc Driving Wnit	32
Corner	33
Chain Disc	34
Feed Dispenser	35
Telescopic Drop Tube	36
Feed Silo Boot	37
Silo Distributor	38
Auger & Anchor Bearing & PVC Feed Pipe	39

Stainless Steel Dry - Wet Feeder	41
Stainless Steel Dry Feeder	42
Dry - Wet Fet	43
Drinking Bowl - RB	44
Drinking Bowl - LB	45
Drinker	46

4.Climate Control & Environment

Climate & Ventilation System - Airiya	47
Plastic Frame Cooling Pad	49
PVC Cooling Pad	52
PP Plastic Cooling PAD	53
Paper Cooling PAD	55
AIR Scrubber	57
Scrubber Packing	58
AIR Filtration Solution For Farms	59
Positive Pressure Air Filter	60
AC Fan	61
EC Fan	63
Side Wall AirInlet	65
Louver AirInlet	66
FJ - 2816 Climate Controller	67
FJ1 & FJ - 210 Alarm	68

5.Flooring & Manure Solutions

Plastic Slat	69
Castiron Slat	70
SMC Slat	71
Tri - Bar Slat	72
Manure Plug	73
Manure Composting System	74

6.Case Studies

Pig farm design & turnkey solutions

Specially Designed for Medium-Sized Farms:
 We understand that medium-sized farms face unique challenges — they need the efficiency of large-scale operations but often lack the resources for complex system integration. That's why we offer comprehensive turnkey solutions that cover every stage:

- Project Planning & Design
- Equipment Manufacturing & Supply
- On-Site Installation
- Farm Training & Technical Support
- After-Sales Service & Maintenance

From concept to completion, we are your single, trusted partner — ensuring seamless integration, optimal performance, and long-term success.



1.Decontamination & Drying

2.Farrowing Area

- Farrowing Crates
- Bowl Feeder
- Smc.....

3.Manure Handling

- Separation Platform
- Oxidation Pond
- Storage Pond
- Anaerobic Fermenter
- Membrane Composting Fermentation

4.Nursery Area

- Nursery
- Plastic Feeder
- Stainless Steel Feeder
- Plastic Feeder
- Drinking Plate
- Scraper / Plug
- Lamp & Climate Cover.....

5.Auto Feeding

- Silos
- Chain Disc / Auger
- Liquid Feeding
- Large Diameter Feeding.....

6.Breeding Area

- Insemination Stall
- Gestation Stall
- Gilts Stall
- Free Access Stall
- Esf
- Boar Stall
- Bowl
- Feeder.....

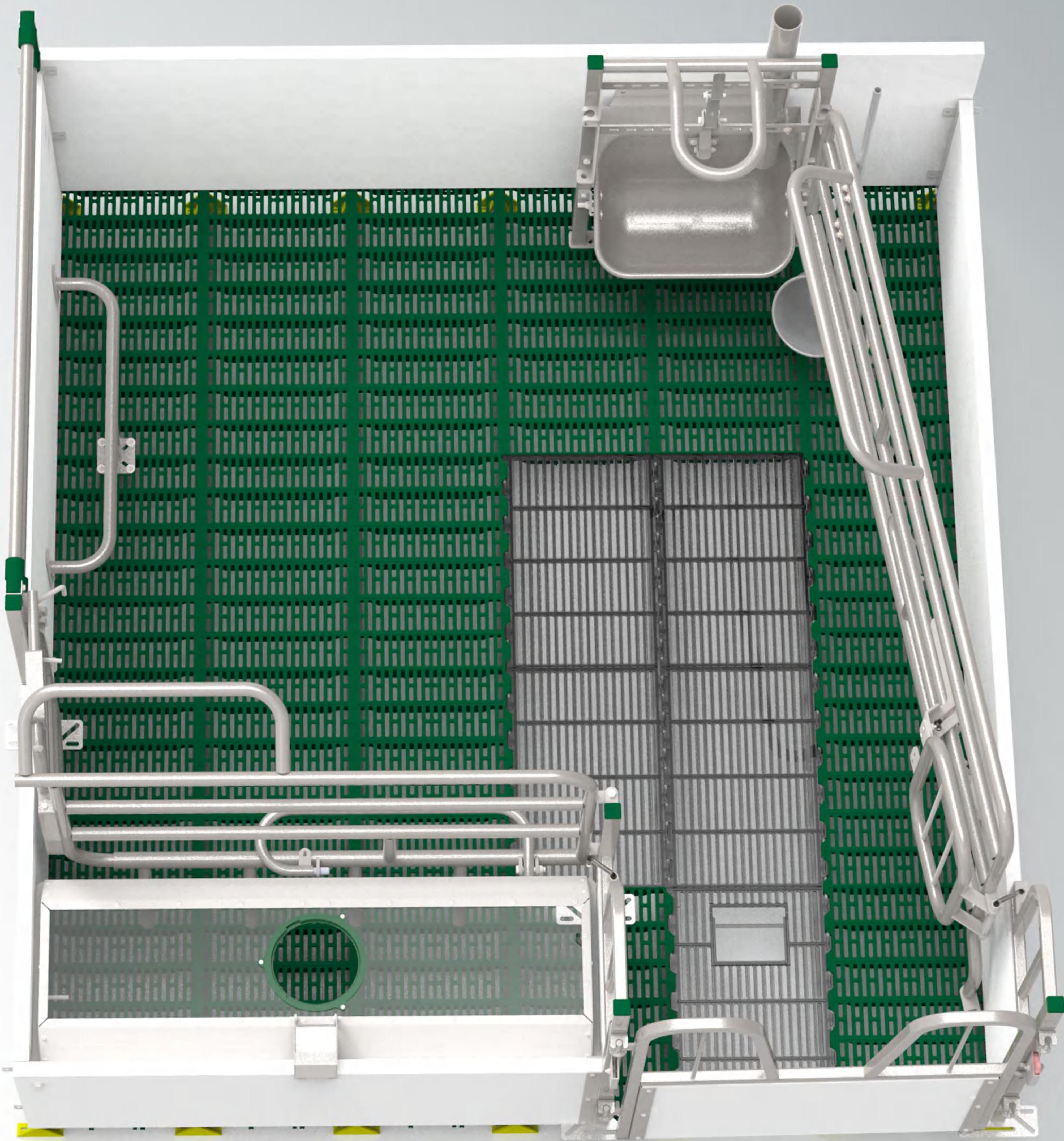
7.Ventilation

- Fan
- Inlet
- Curtain
- Cooling Pad
- Heating
- Fresh Air Filter
- Air Washer.....

8.Fattening Area

- Fattening
- Trough / Stainless Steel
- Seeder
- Drinking Bowl / Nipple
- Scraper / Plug

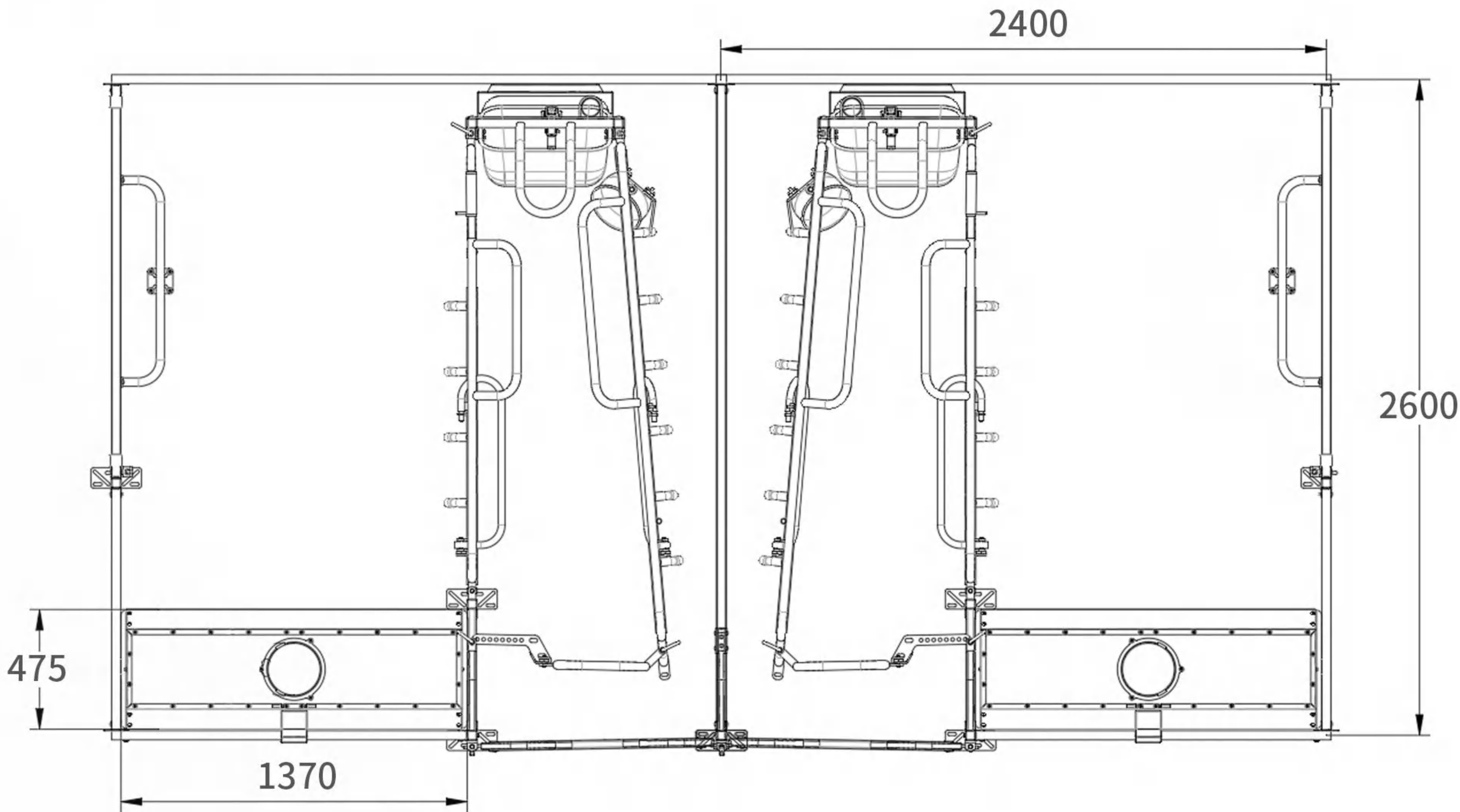
Welfare Farrowing Crates-SowEase™



Features

Optimal productivity requires a safe, comfortable farrowing environment for sows and piglets. Our high-quality farrowing pens are designed to enhance animal welfare and maximize production efficiency.

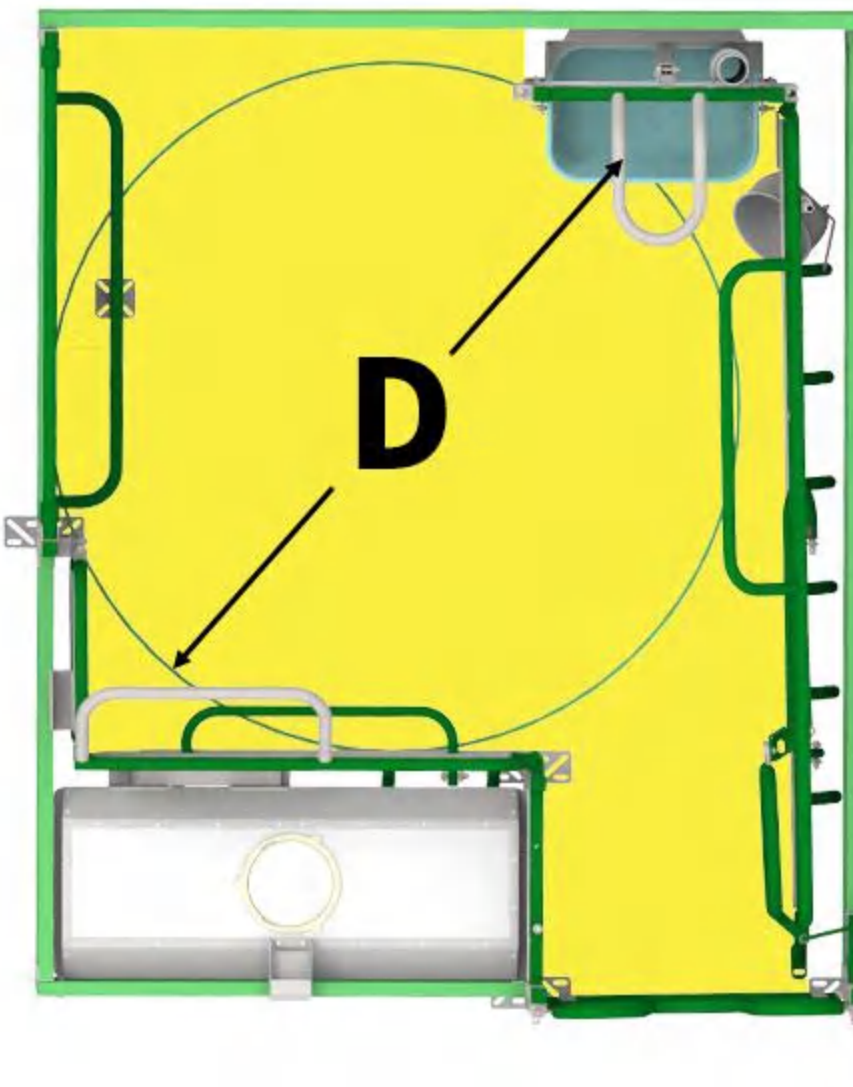
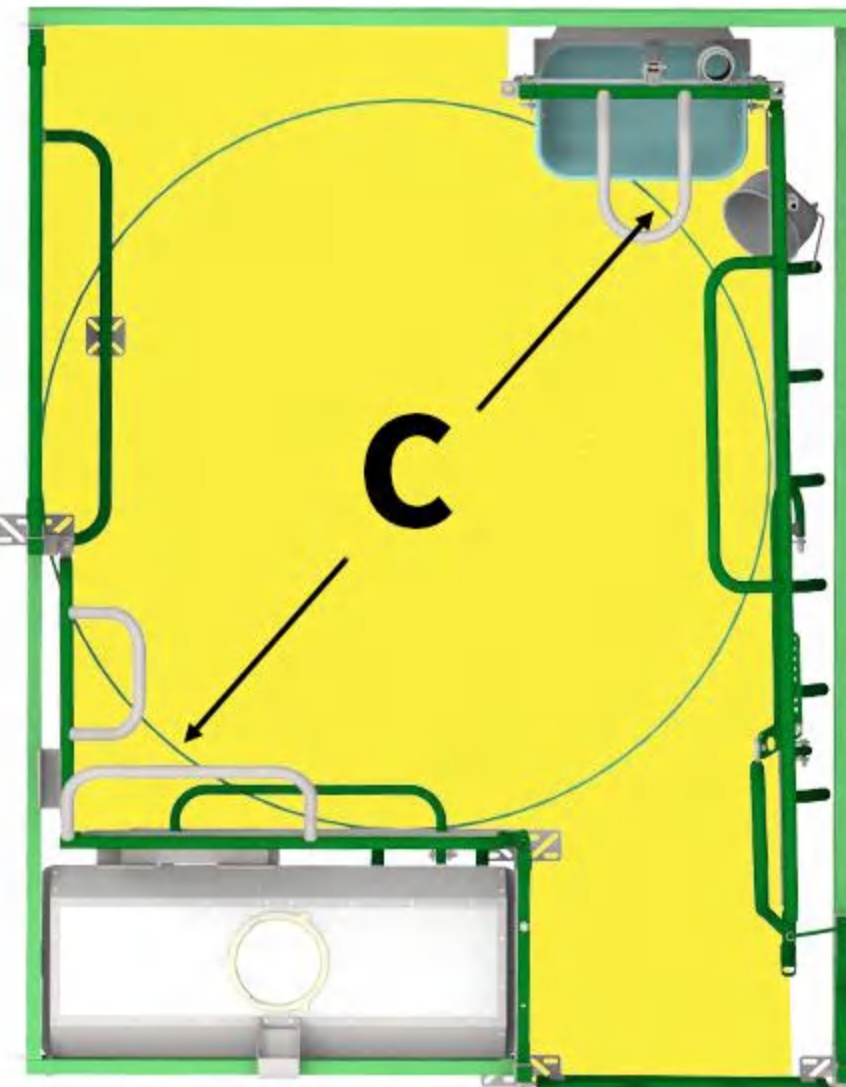
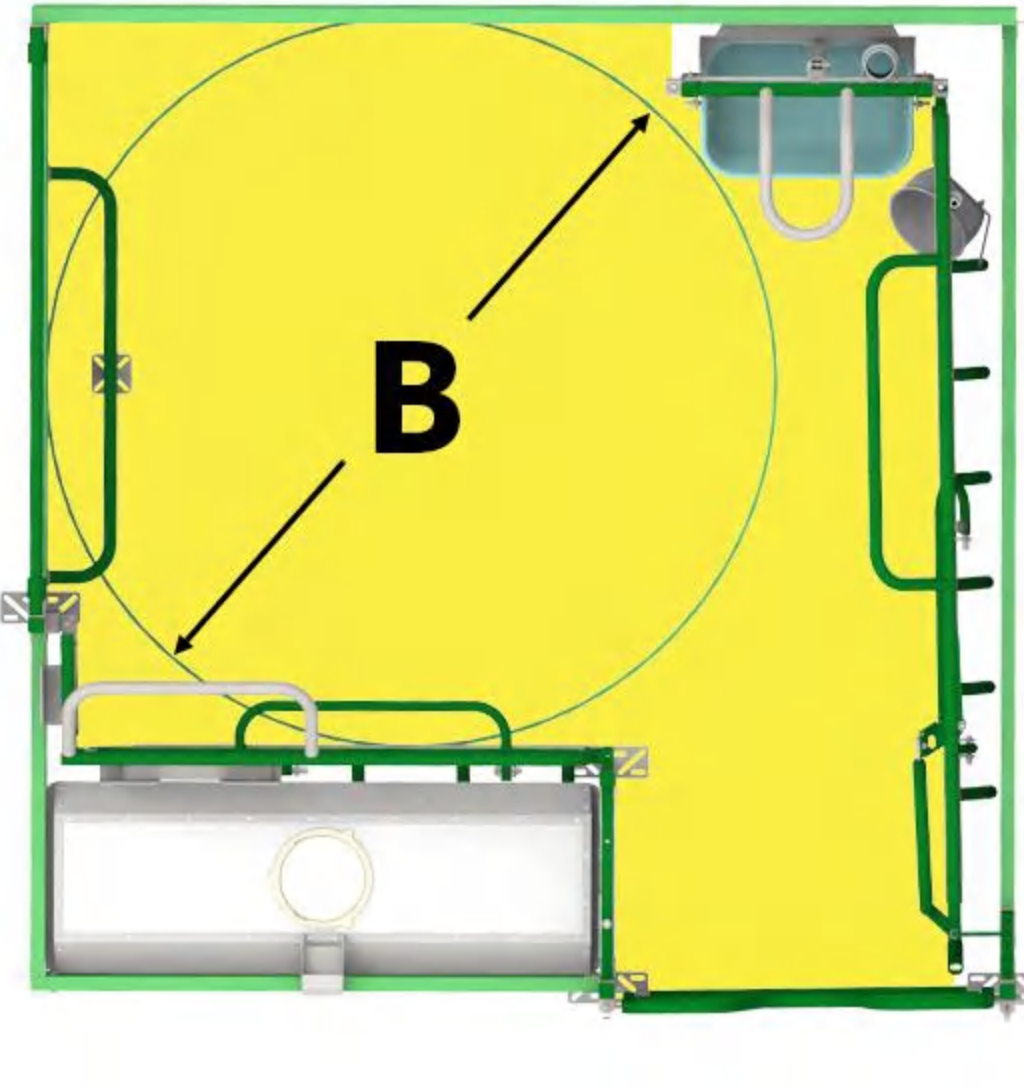
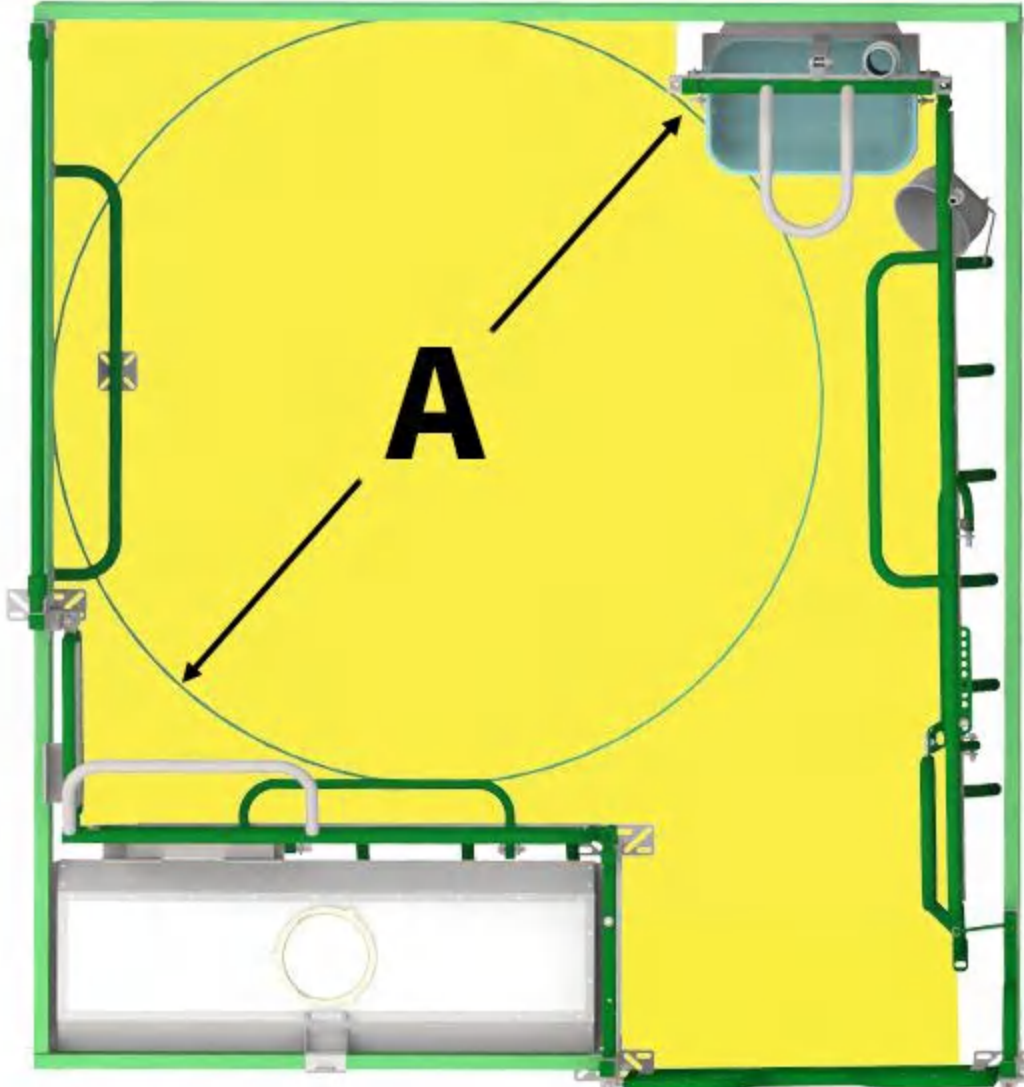
Dimension



Free Access isn't just 'no cage' — it's about respecting sow behavior. Our Open Crates offer 3.0-4.0 m² of activity space for sows (1.5x more than standard crates), allowing natural nesting before farrowing and free movement after

DIFFERENT SIZE OF WELFARE

	Crates Size (m x m)	Free Space (m ²)	Diameter (m)	Free Area (%)
A	2.6x2.4	4.65	1.9	74.5%
B	2.4x2.4	4.21	1.8	73.1%
C	2.6x2.0	3.73	1.8	71.7%
D	2.4x2.0	3.35	1.7	69.8%

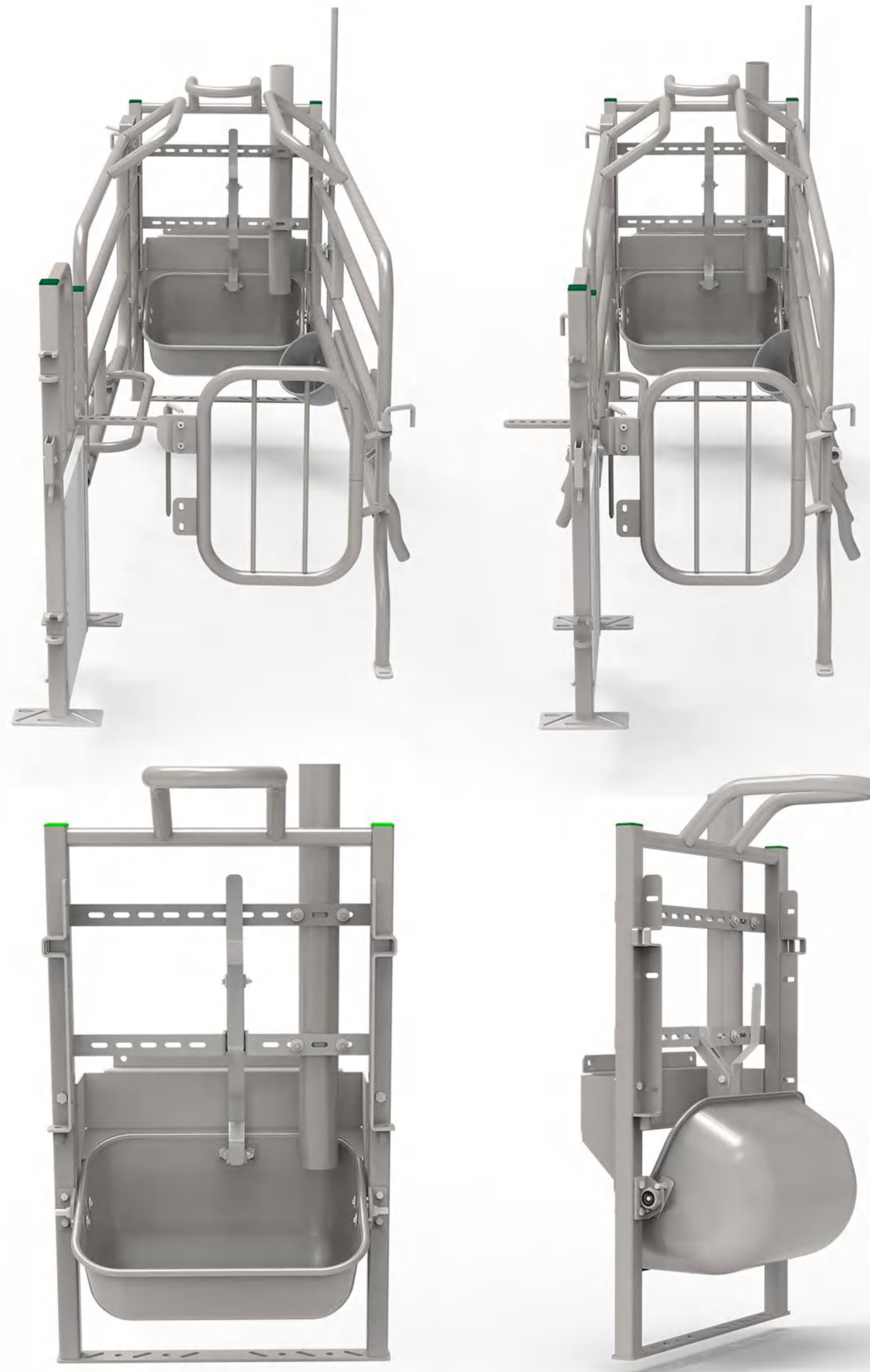


Adjustable WIDTH

The rear gate features a manually adjustable width system for flexible pen configuration.

Side panels connect to the central frame through vertical support posts with multiple evenly-spaced mounting holes.

Simply reposition the pins or bolts in different holes to adjust the gate width according to sow size and operational needs.



Bowl Trough

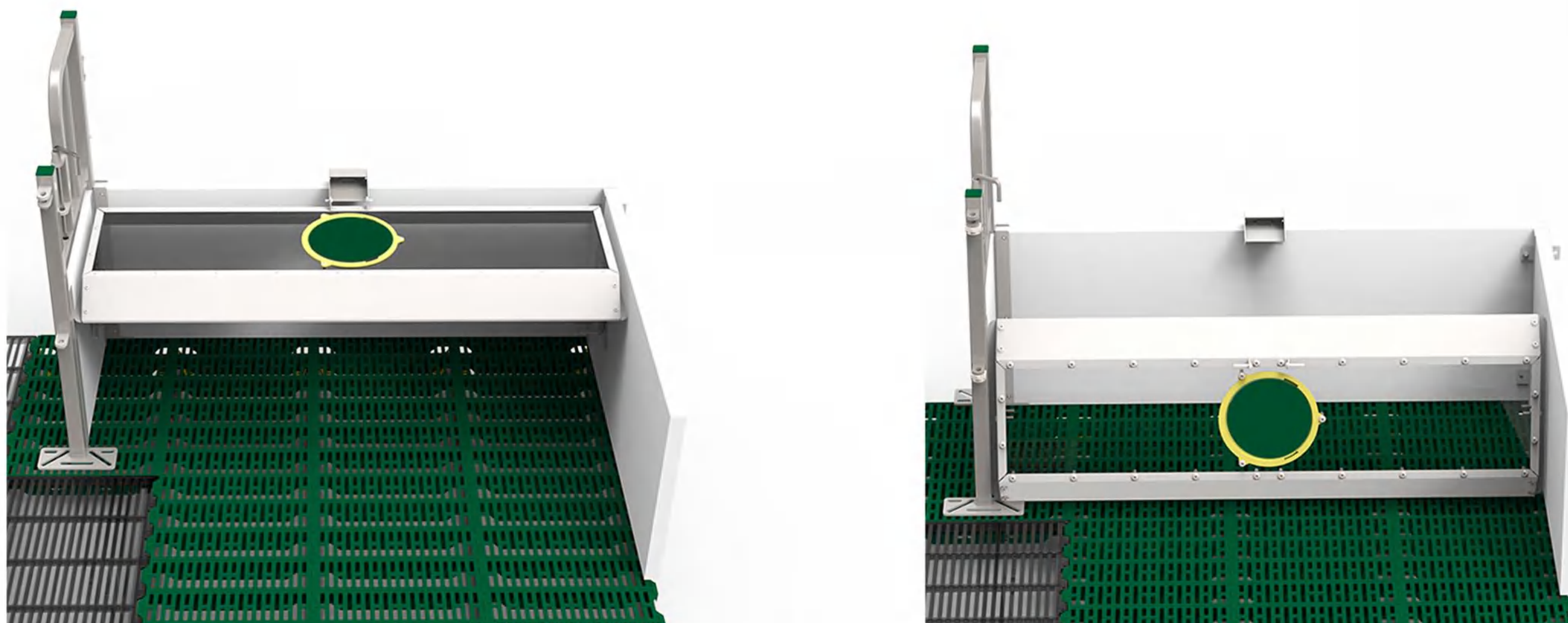
Complete stainless steel construction with matching bolts ensures rust-free durability.

Smooth, stable folding edges prevent mouth injuries and infection.

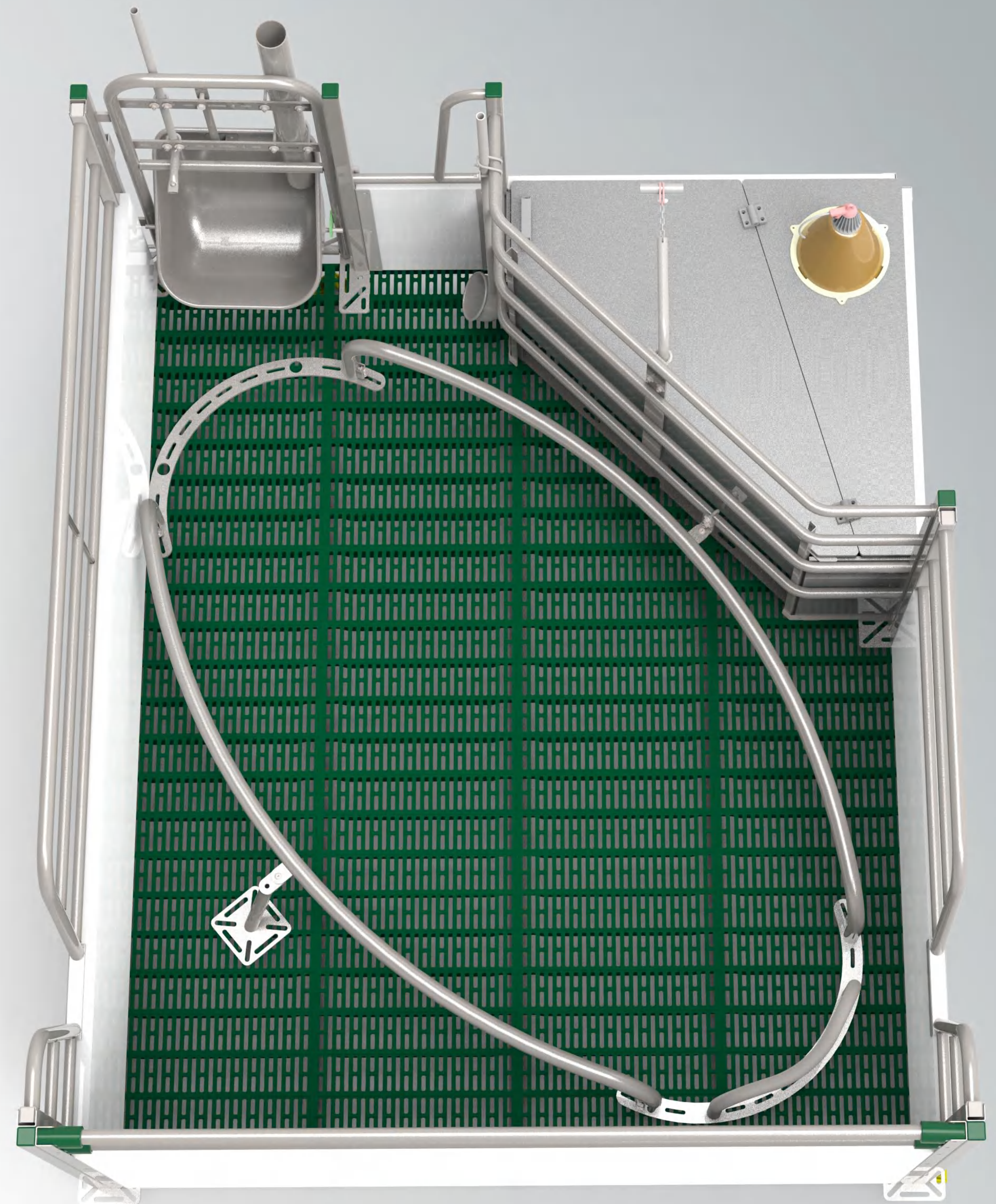
Large capacity design with flip-over feature enables effortless cleaning and maintenance.

Warm Cover

The flip-up wram cover offers a draft-free, enclosed environment with sealed construction for optimal warmth. When the farmer needs to handle the piglets or clean the interior of the incubator, the this warm cover can be laid down to form a temporary area with an open top and enclosed sides.



Welsafe Farrowing Crate-SowJoy™



Features

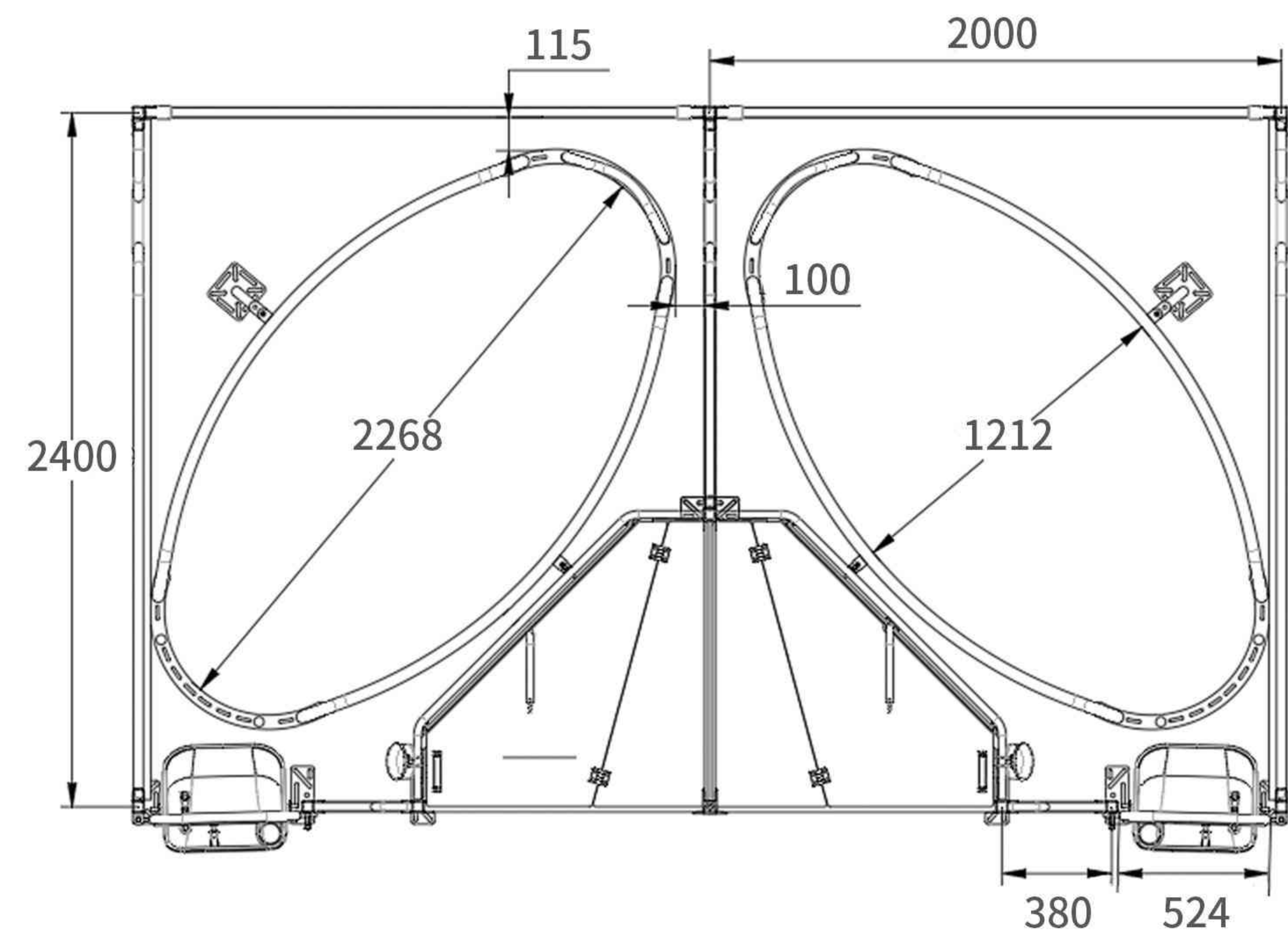
Free Movement Design:

Diagonal circular fence supports 360° sow rotation, meeting pre-farrowing nesting and post-farrowing posture adjustment needs.

Piglet-Friendly Warming Zone:

Enlarged warming space + flip-up cover shield , reducing piglet chilling risk.

Dimension

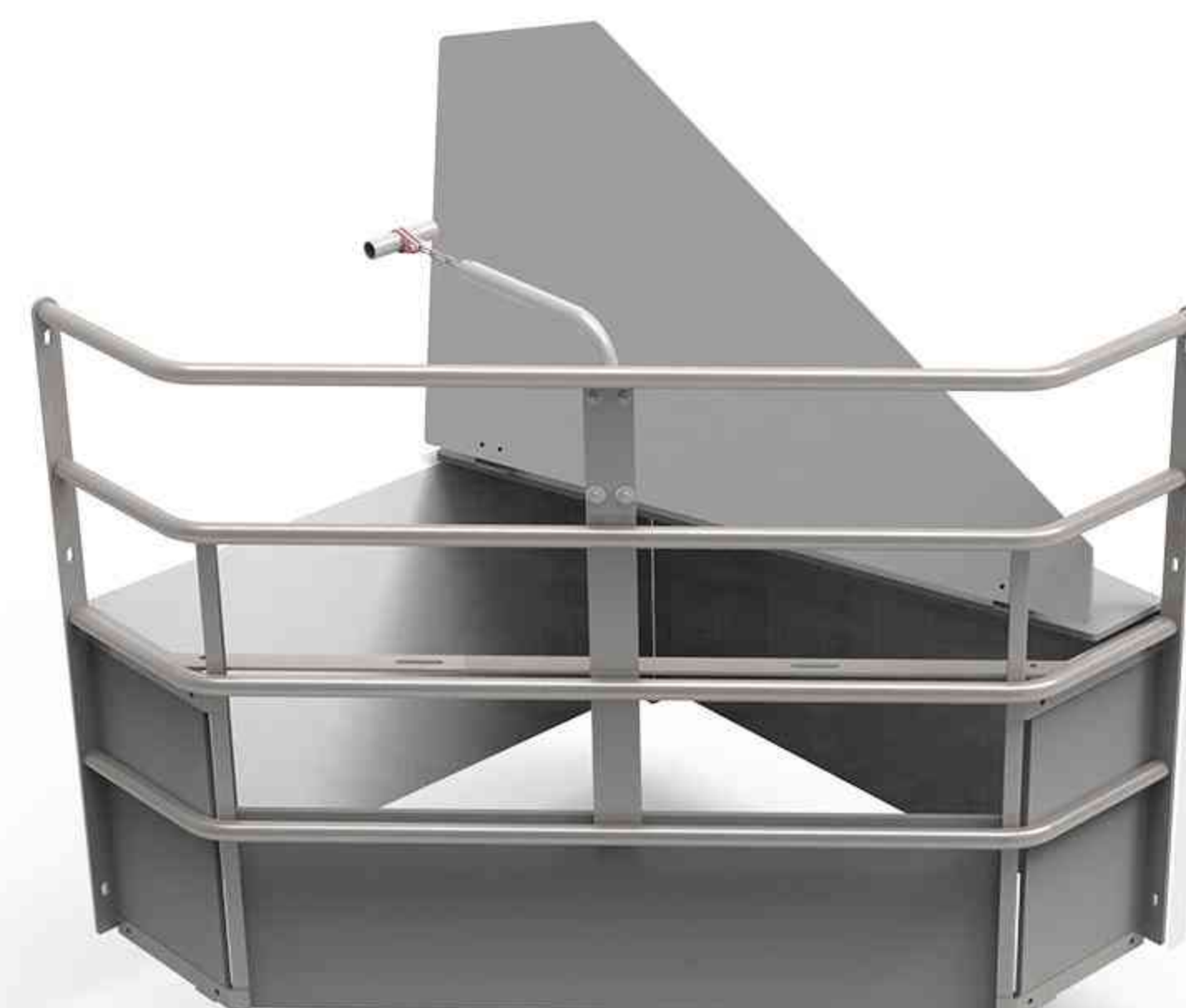


Maternity Ring

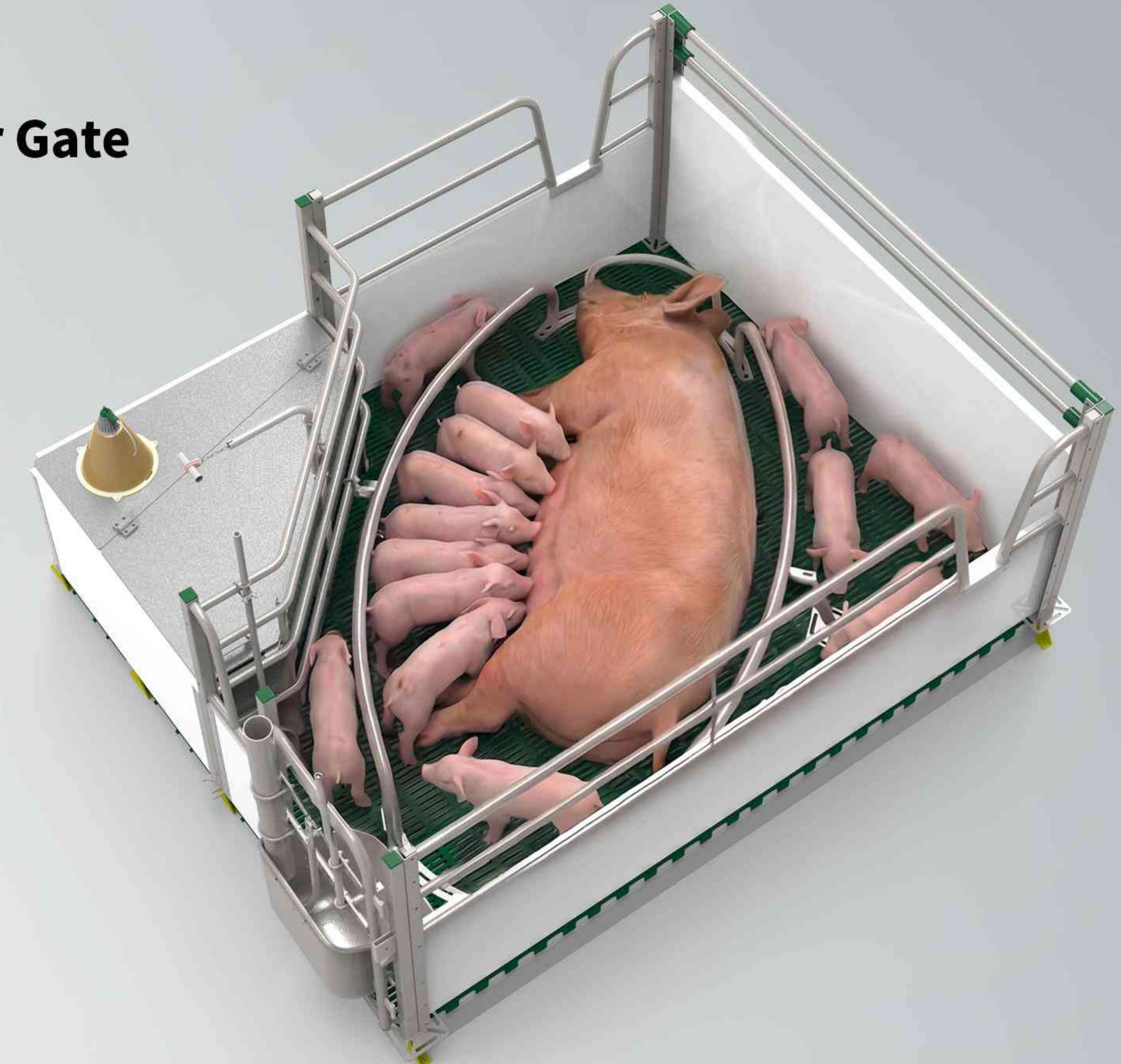
- Sows in farrowing crates have a facial injury rate of up to 67% post-farrowing, compared to only 10% in farrowing pens.
- Piglets in farrowing crates requiring medication (51%) far exceeds those in farrowing pens (30%).
- At weaning, 70% of sows in farrowing crates suffer udder damage, versus only 10% in farrowing pens.
- Farrowing pens allow sows to freely adjust their orientation, spending 75% of time not facing the feed trough.

piglet nest

The flip-up piglet nest offers a draft-free, enclosed environment with sealed construction for optimal warmth. Features easy piglet access through an adjustable opening and a sloped lid for simple cleaning. Ideal for open farrowing systems prioritizing piglet comfort and hygiene.



Step-Over Gate



The innovative H-frame gate features a strategic top gap design that allows workers to easily step over without opening doors, streamlining daily operations.

The solid lower panel effectively prevents pig escape while the curved handrail provides secure support for staff.

This design eliminates the need for door operation, saving time and preventing accidental pig escapes.



High Back Bowl Trough

Complete stainless steel construction with matching bolts ensures rust-free durability.

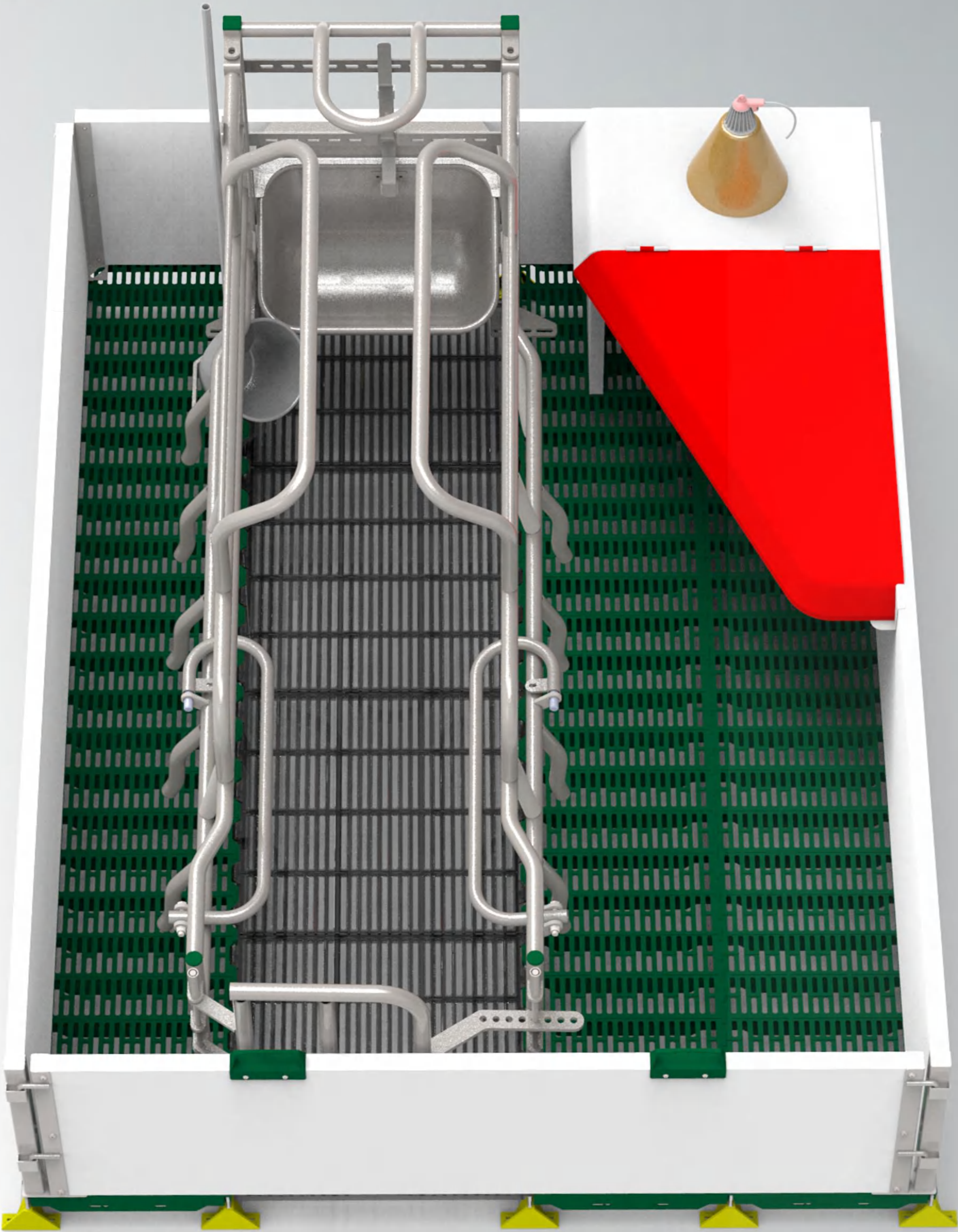
Smooth, stable folding edges prevent mouth injuries and infection.

Large capacity design with flip-over feature enables effortless cleaning and maintenance.

A higher back of the trough can prevent sows from pushing the feed to the outside of the trough.



Standard European Farrowing Crate-FI



Features

The standard farrowing crate remains a reliable and widely adopted solution for modern pig farming, offering proven benefits in piglet survival and operational efficiency. It is particularly suitable for farms prioritizing high production output and cost-effective management.

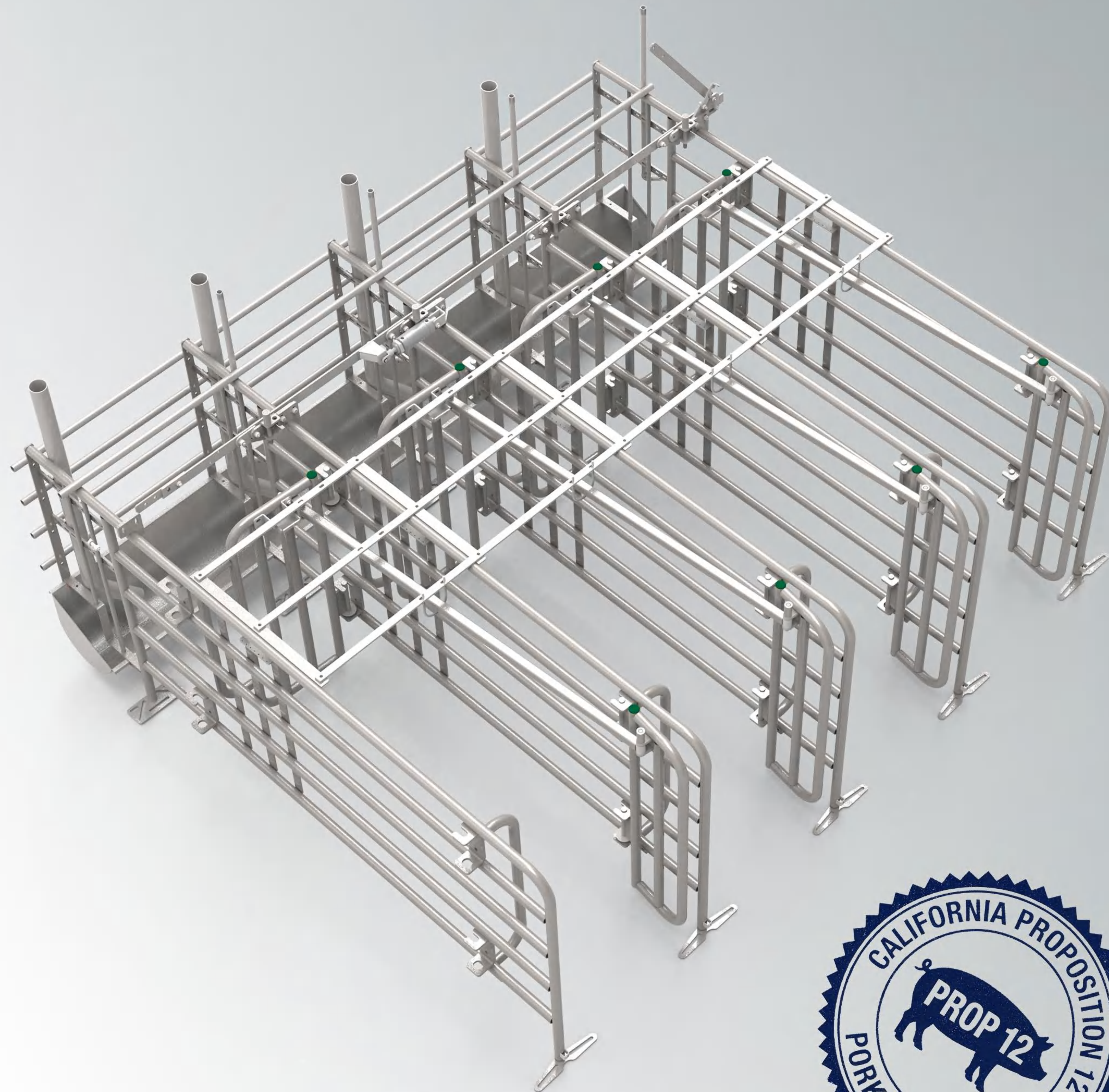
European Farrowing Crate-Xl



Features

The European-style farrowing crate represents a significant evolution in pig farming infrastructure, designed to optimize the sow's farrowing and lactation periods. It combines advanced European breeding concepts with modern engineering to prioritize both animal welfare and production efficiency.

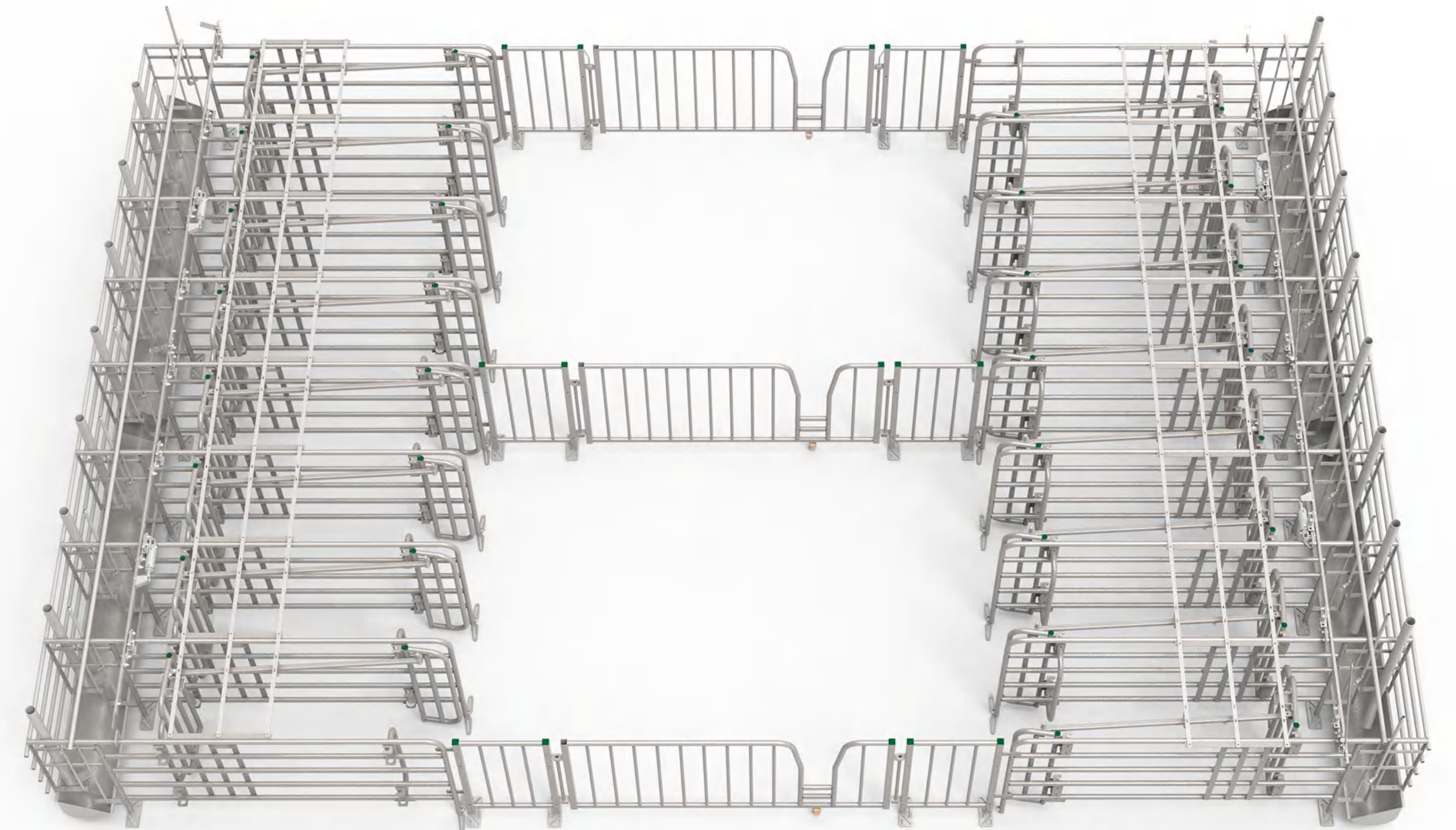
Free Access Stall



Features

Our Free Access Stalls balance animal welfare with farmer work efficiency, providing spacious, secure environments that allow free and comfortable movement. Our farrowing crates are specifically designed to meet the unique needs of pregnant sows, prioritizing comfort and space to ensure an optimal, stress-free farrowing period for expectant mothers and their piglets.

Welfare Breeding Gestation Unit



Locking system

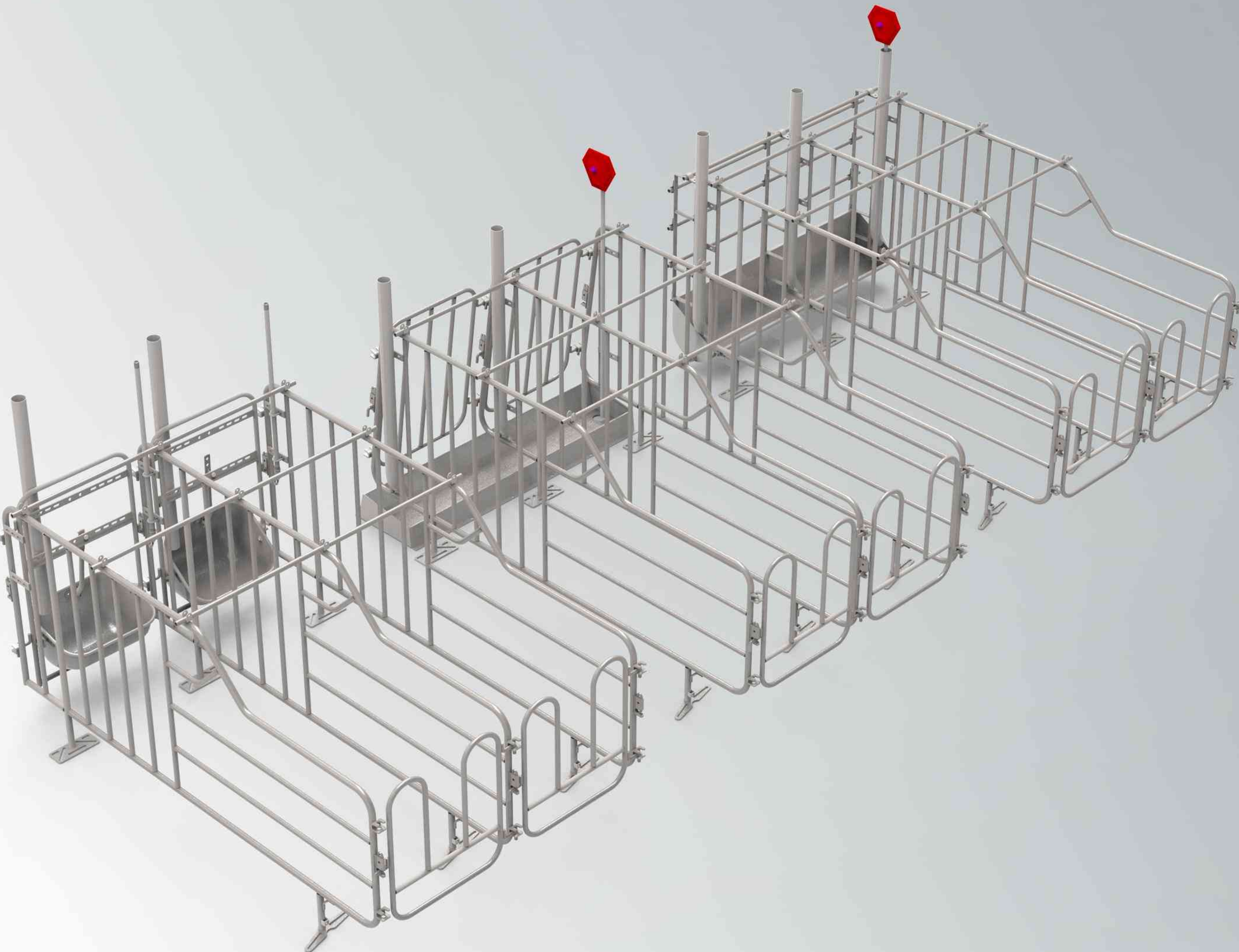
The Free Access Stall is equipped with a locking system that prevents two sows from entering the stall simultaneously. If this does happen, our flexible connecting rod ensures that the rear sow can always exit without harm. The locking system also allows for locking all stalls at once - either automatically or manually - or locking just a single stall.



Advantages

- Thoroughly tested for sow and staff functionality.
- Side-Opening rear gate provides easy sow access.
- Unobstructed overhead design ensures clear visibility.
- One-hand operable central locking system on each stall.
- Closed head partitions create a calm feeding environment.

Gestsion Stall-G1

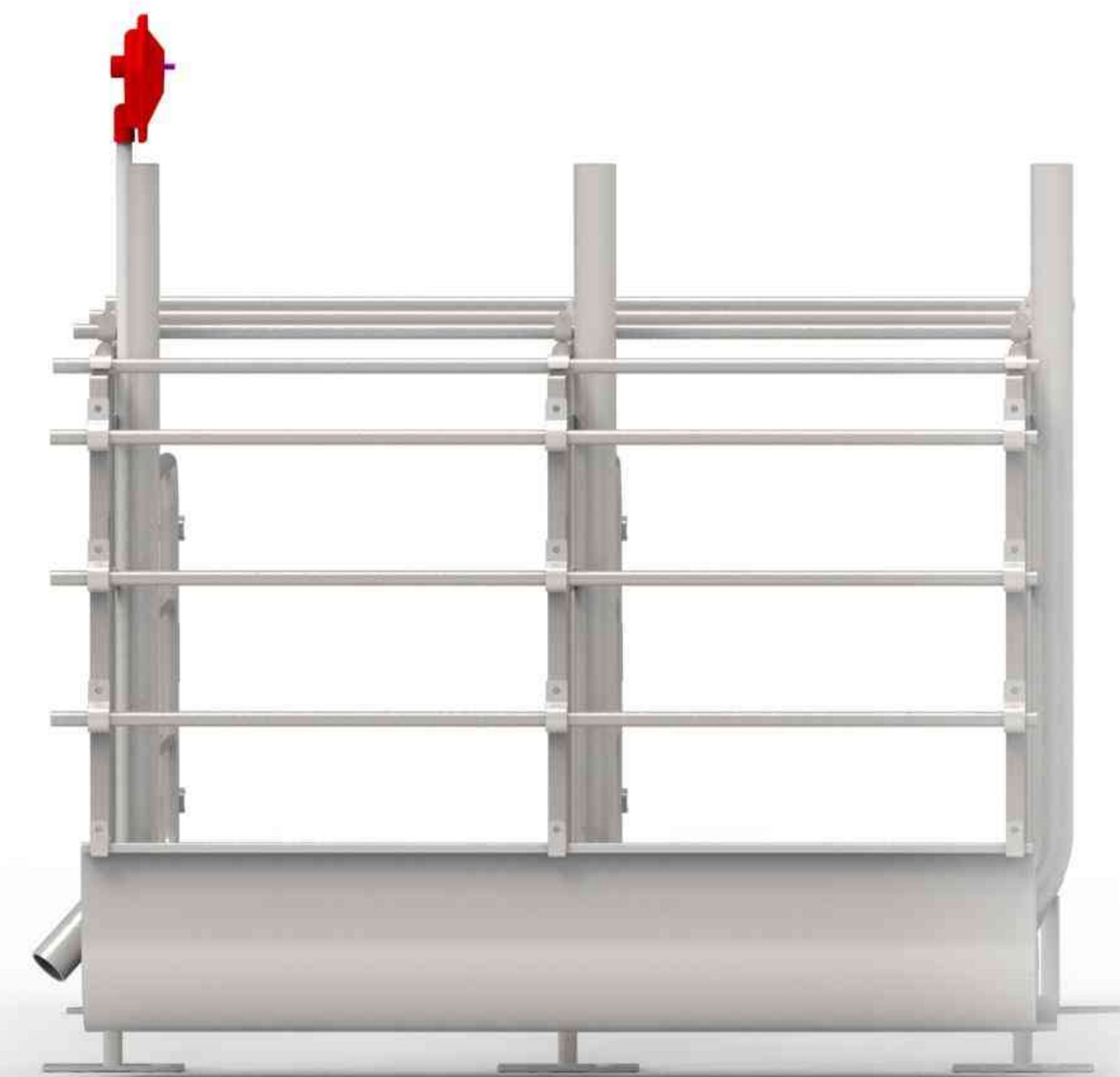


Features

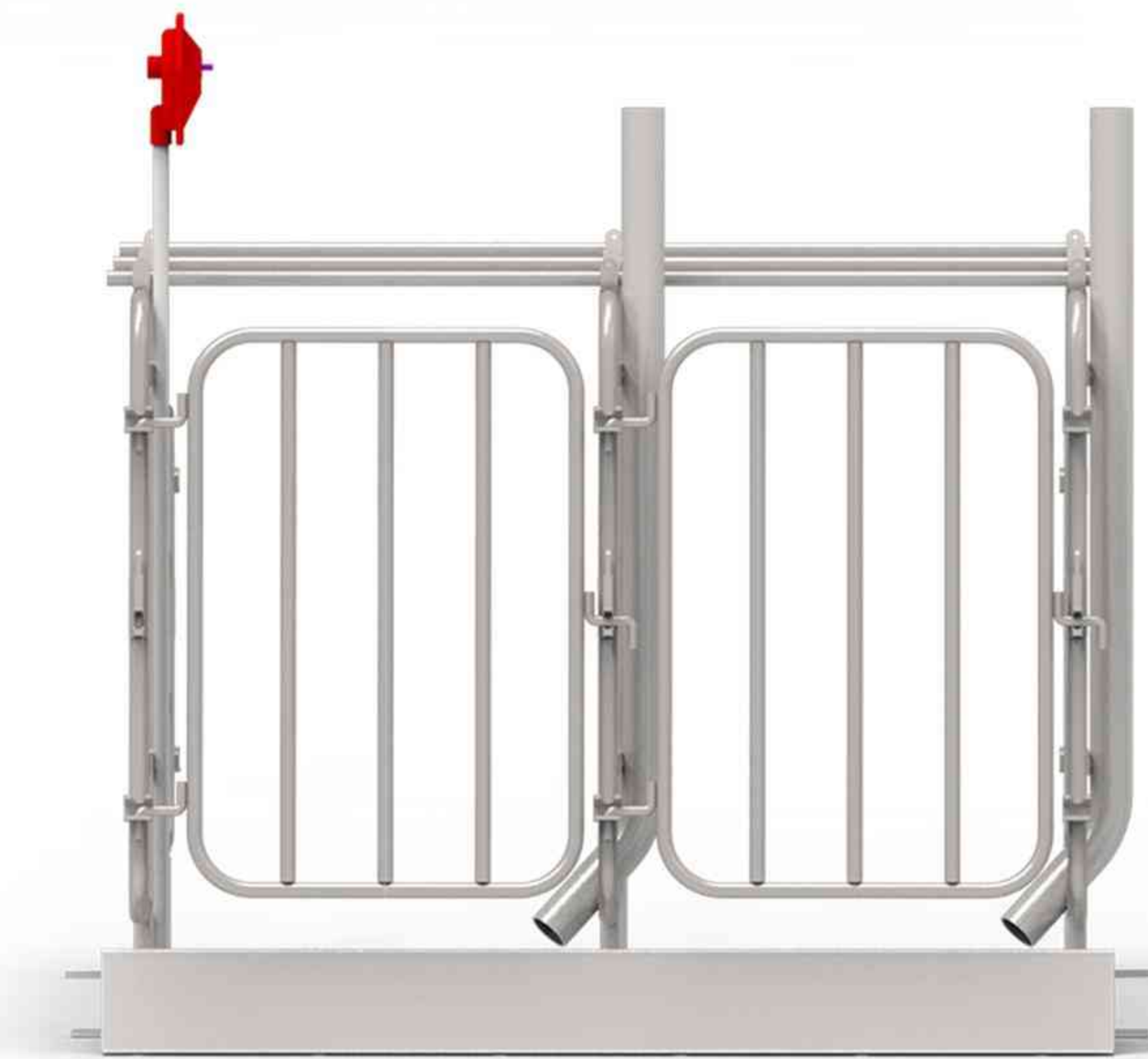
The Geststion Stall-G1 is a premium solution for modern intensive pig farming, specifically designed for pregnant sow management. Constructed from high-strength not-dip galvanized steel pipes ($\Phi 32\text{mm}$ or $\Phi 26\text{mm}$ diameter, 2.0-2.5mm wall thickness) with 80+ micron zinc coating, ensuring 15-20 years of rust-free durability in harsh barn environments.

Advantages

Features adjustable front and rear gates for easy access, integrated feeding trough, and anti-jumping bars. The open pipe structure maximizes ventilation, simplifies cleaning.



High-Back-Lift-Trough can prevent sows from pushing the feed to the outside of the trough. Space between trough and ground allowing the sows to utilize the space underneath.

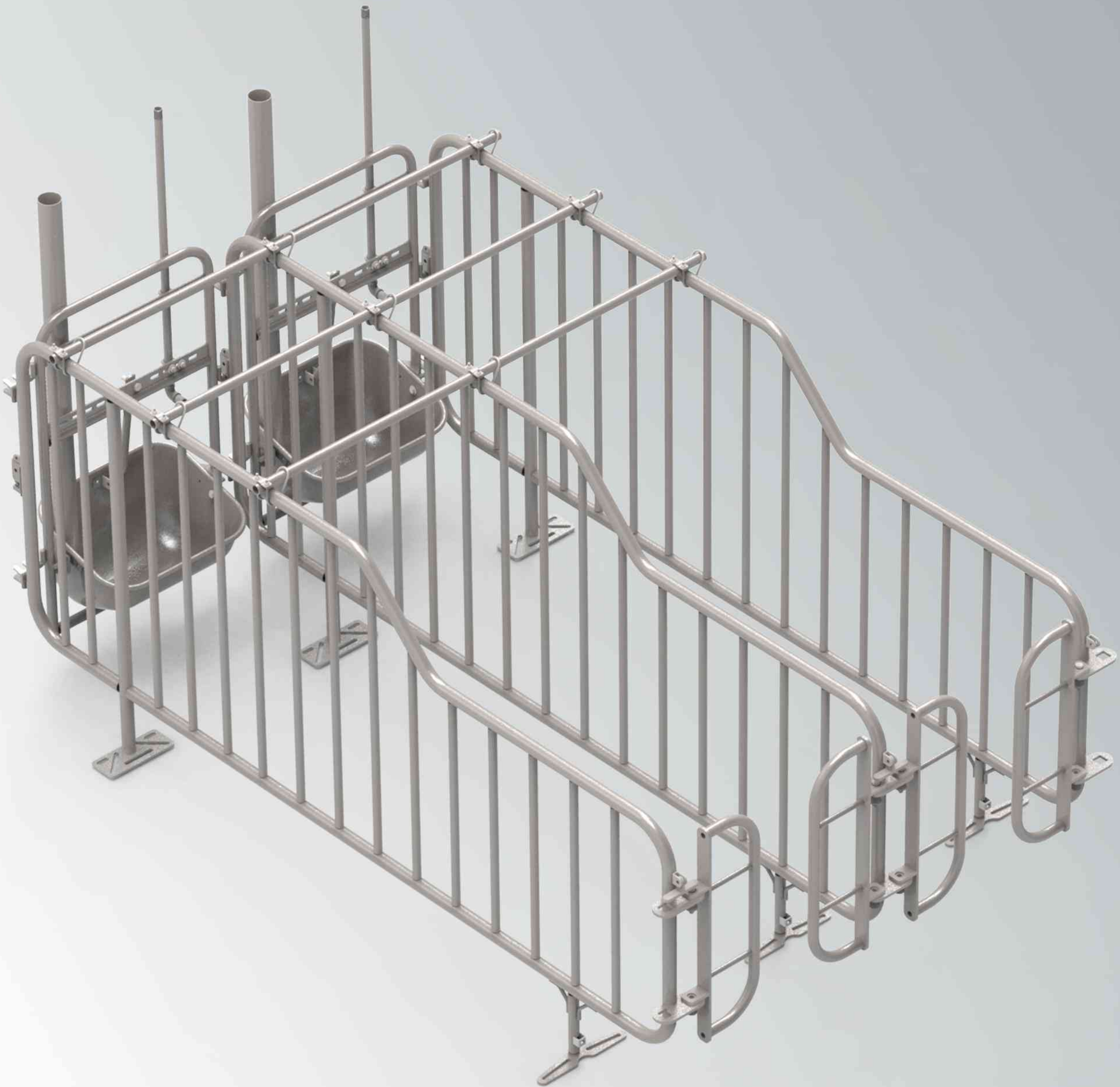


Ground-Fixed-Trough with a front door can achieve the function of allowing sows to enter from the rear and exit from the front. Therefore, it is easier to manage sows.



Flip-Bowl-Trough could prevent cross-infection which is also easy to clean. The front door can achieve the function of allowing sows to enter from the rear and exit from the front. Therefore, it is easier to manage sows.

Gestsion Stall-G2



Features

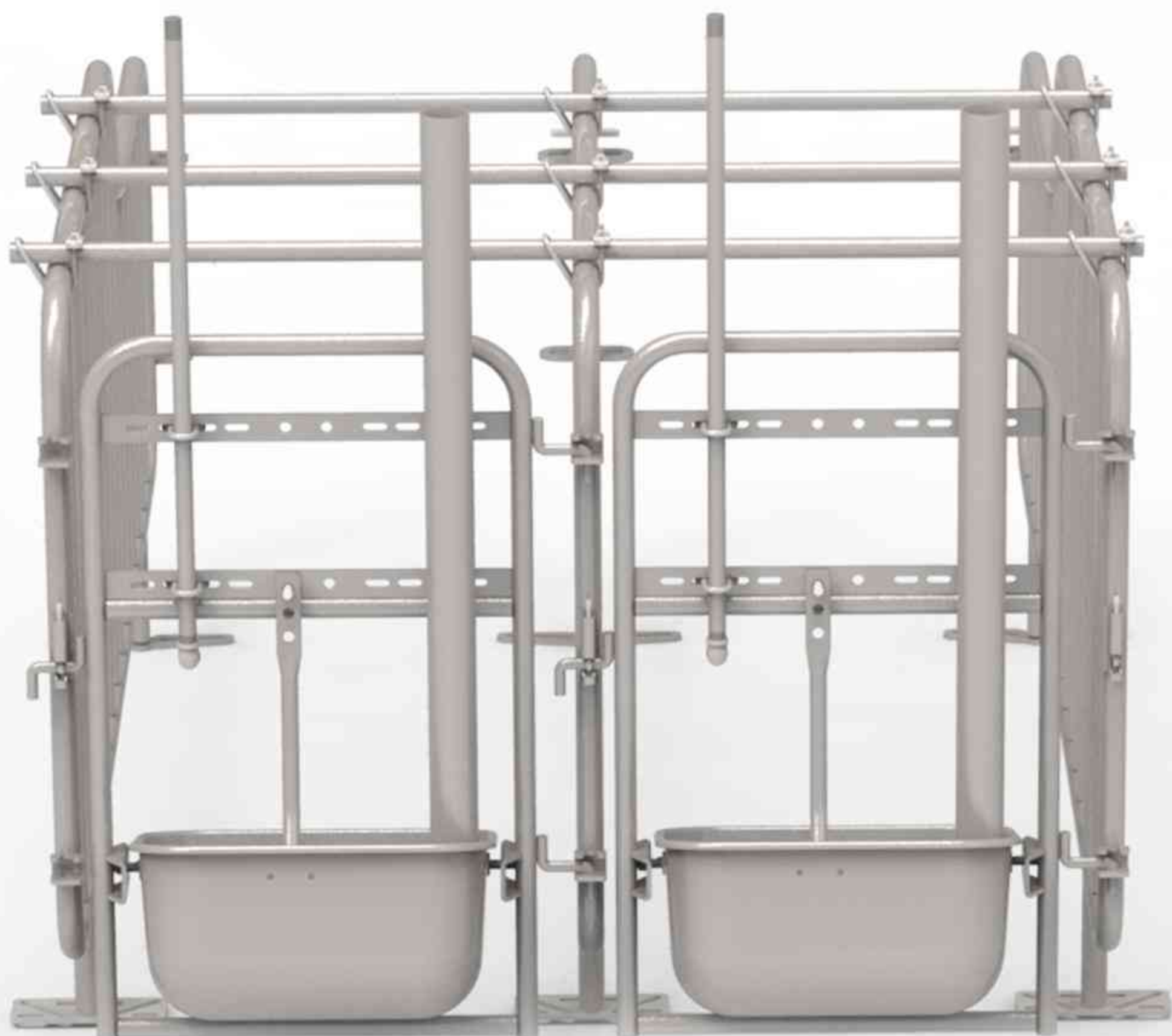
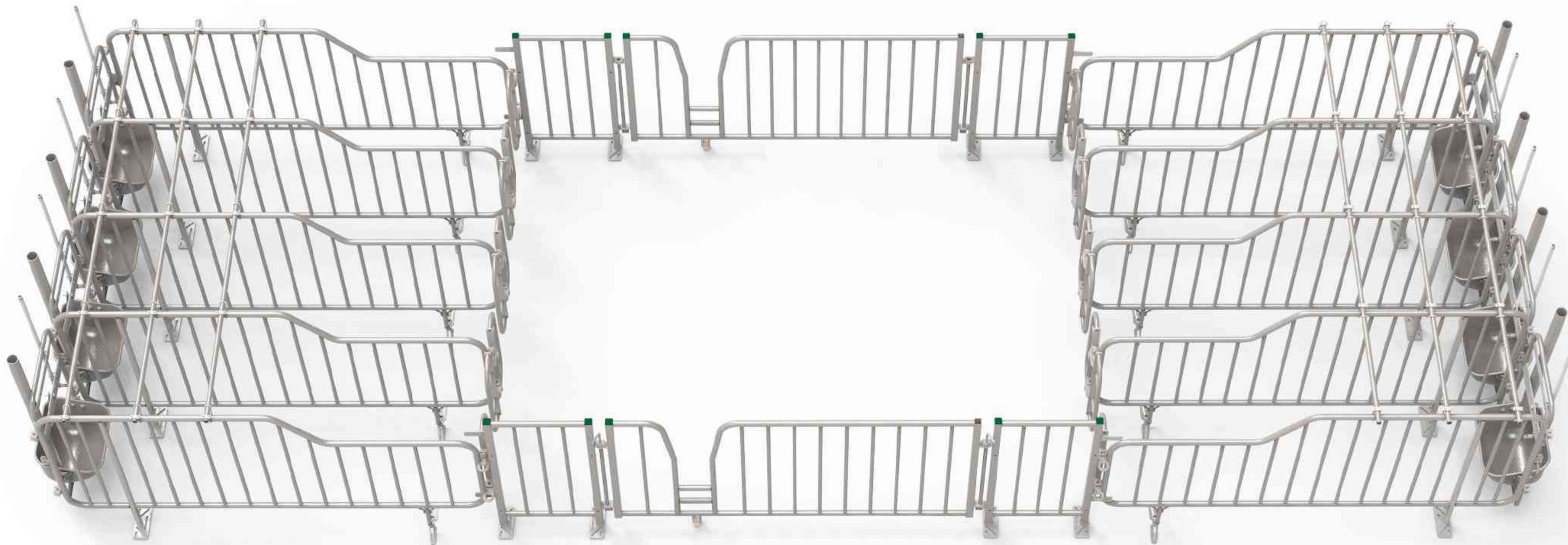
The Geststion Stall-G2 is a premium solution for modern intensive pig farming, specifically designed for pregnant sow management. Constructed from high-strength not-dip galvanized steel pipes (Φ32mm or Φ26mm diameter, 2.0-2.5mm wall thickness) with 80+ micron zinc coating, ensuring 15-20 years of rust-free durability in harsh barn environments.

Advantages

Hot-dip galvanized after welding ensures complete zinc coating coverage with no dead zones, delivering 15-20+ year service life—double that of pipe-type stalls.

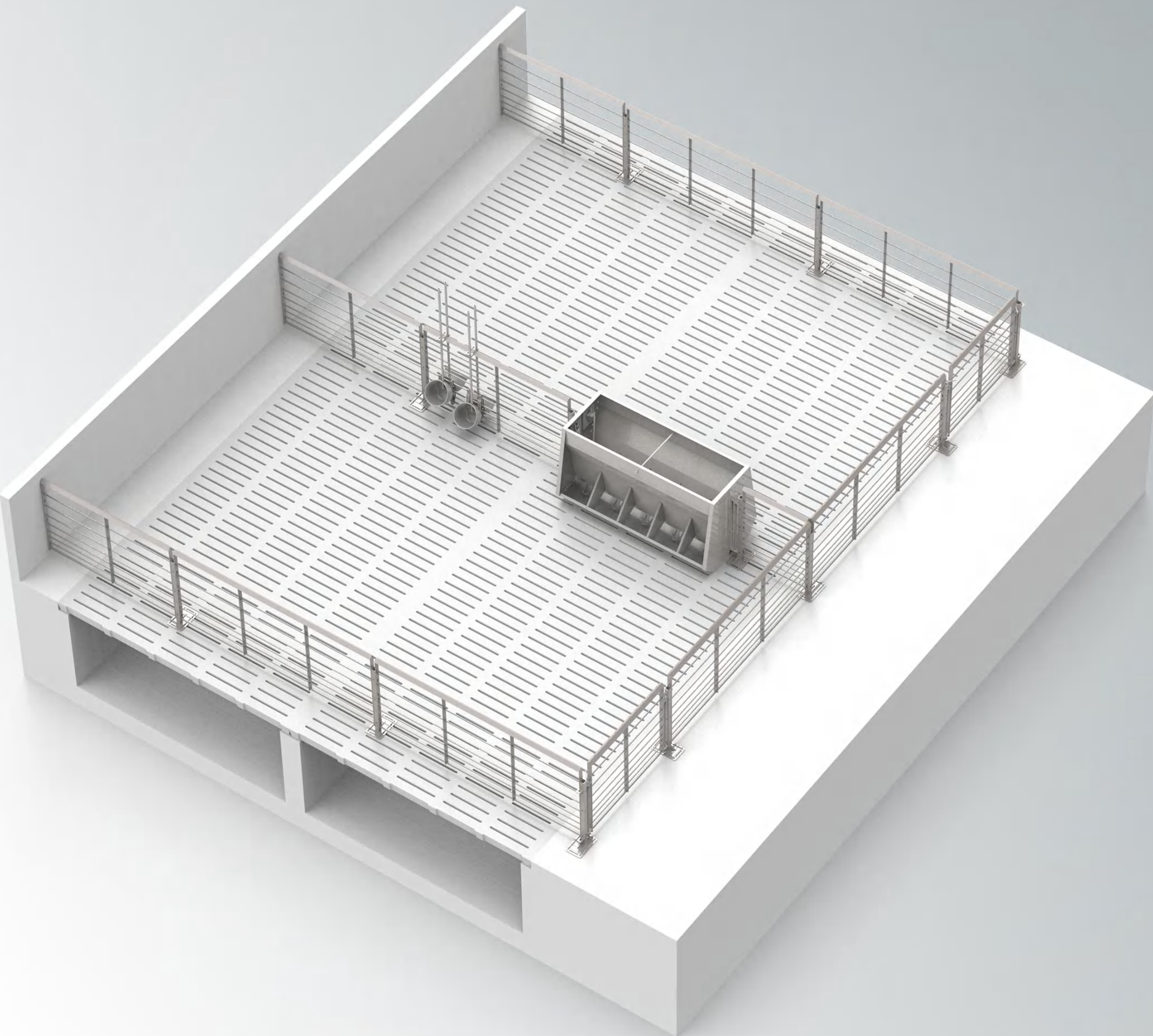


Welfare Breeding Gestation Unit



Flip-Bowl-Trough could prevent cross-infection which is also easy to clean. The front door can achieve the function of allowing sows to enter from the rear and exit from the front. Therefore, it is easier to manage sows.

Fattening Pen

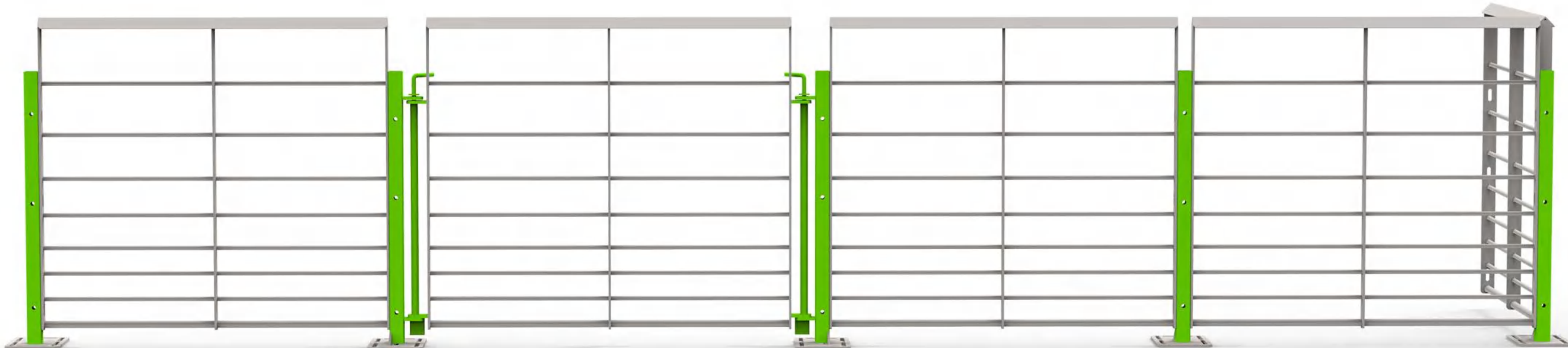


Features

The Fattening Pen Stall is specifically designed for pigs during the finishing stage (30-120kg), optimizing growth efficiency and farm management. Constructed from hot-dip galvanized steel pipes with corrosion-resistant coating, it withstands heavy pig weight and aggressive behavior. The slatted floor system enables automatic manure removal, keeping pigs clean and reducing disease transmission.

Hog-Dip Galvanized Stell Fence

Galvanized steel column with angle steel top brace prevents pig climbing. Sharp-edged angle profile deters hooves from gripping. Enhances structural strength and stability. Withstands heavy pig weight (120kg+). Corrosion-resistant coating. Modular design with pre-drilled holes. Secure base mounting. Improves safety and biosecurity.

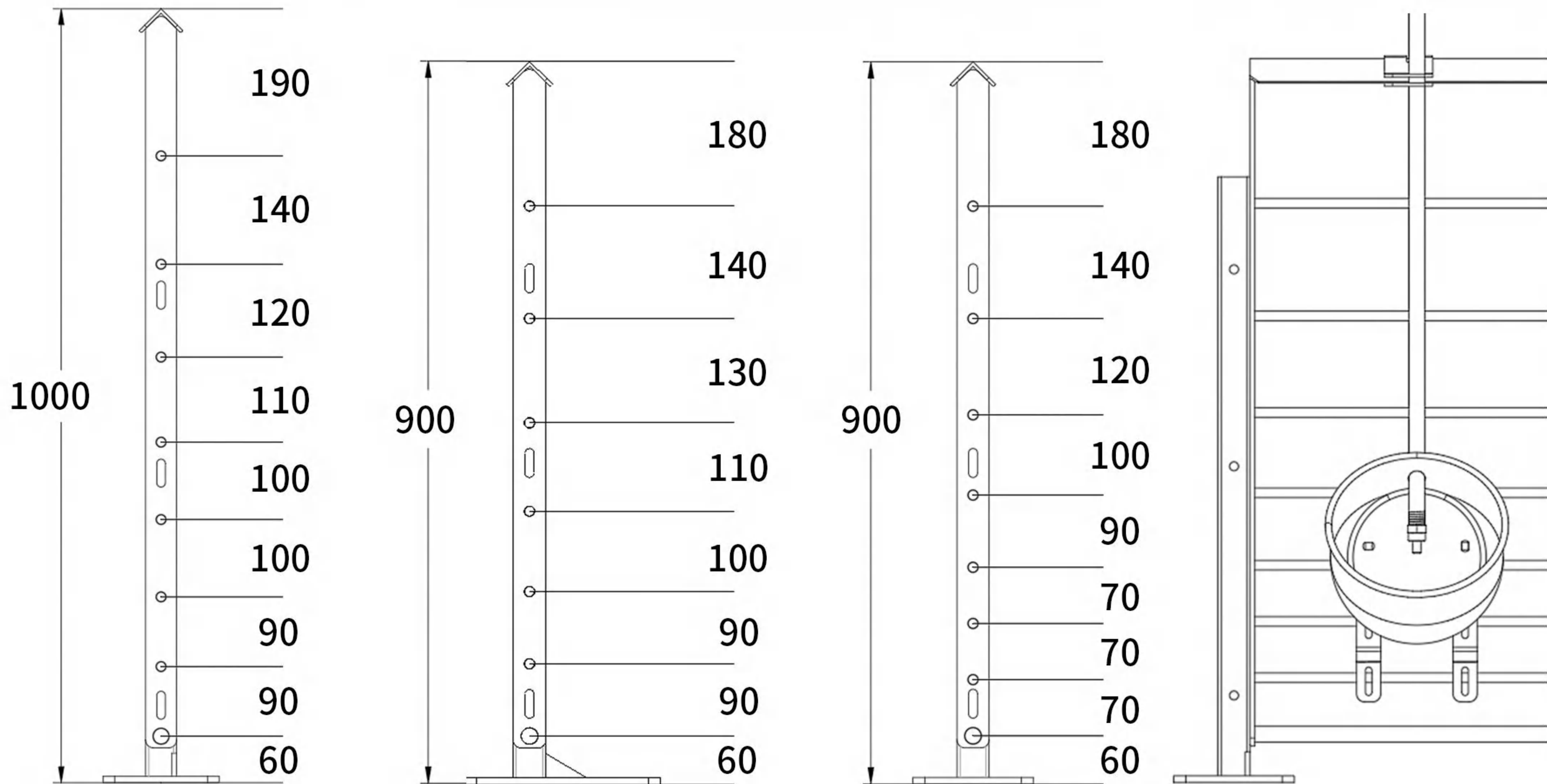


Stainless Steel Feeder

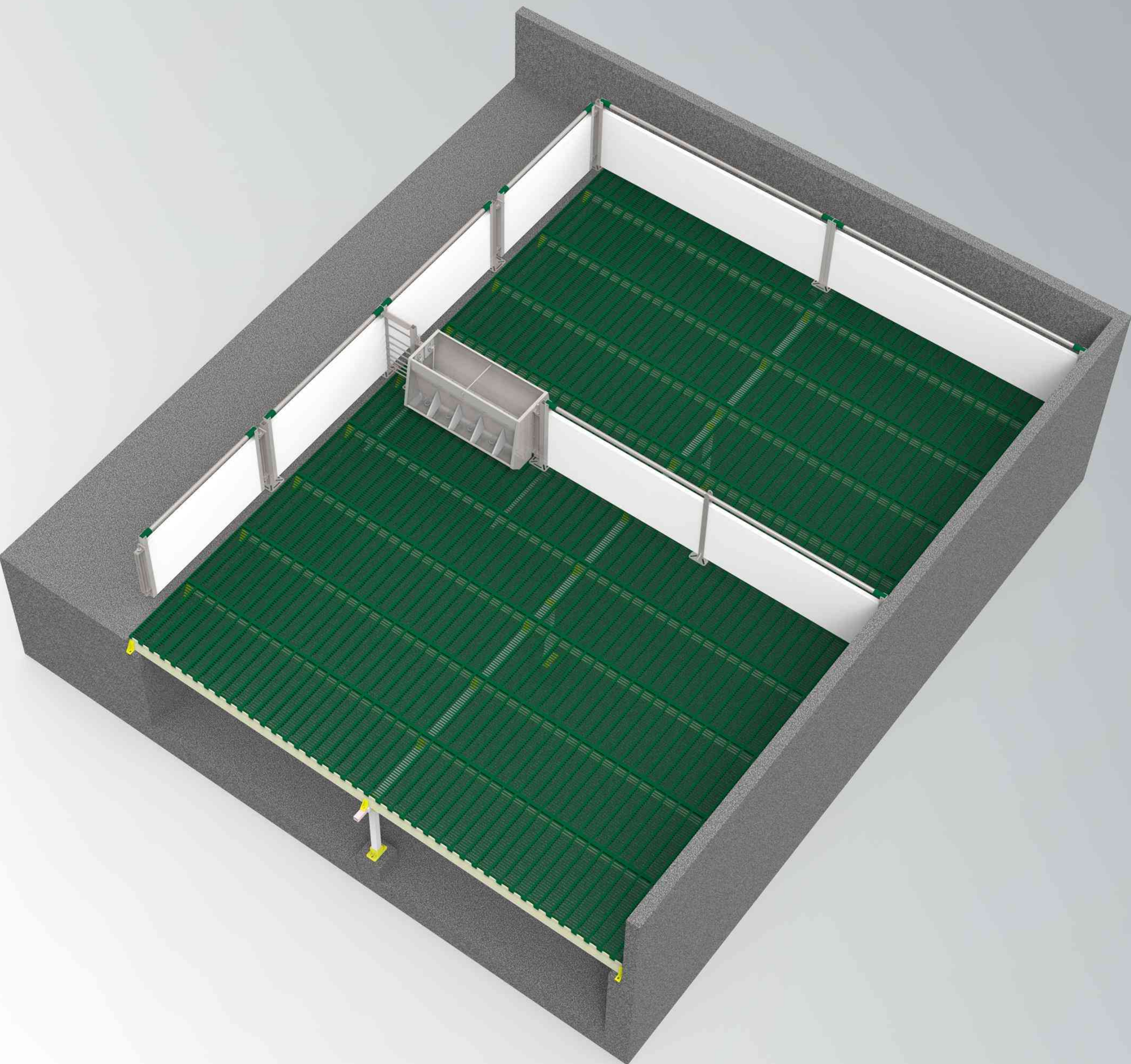
The Feeder revolutionizes fattening efficiency with an integrated feeding system. Featuring a large-capacity hopper (50-100kg) and stainless steel trough with multiple feeding stations, it enables simultaneous feeding for multiple pigs.



Dimension drawing



Nursery Pen



Features

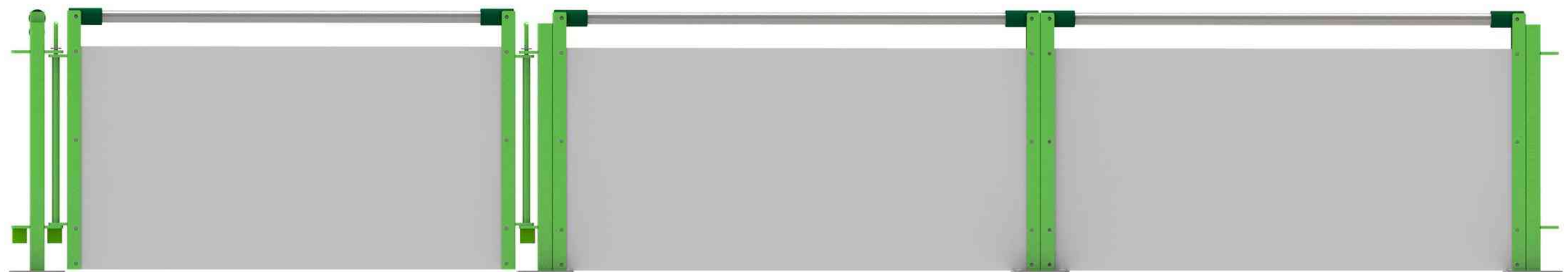
Enclosed PVC partition provides thermal insulation and privacy. Hollow-core blocks drafts, maintains warmth. Solid barriers reduce stress and aggression. Smooth surface, easy to clean. Corrosion-resistant. Lightweight, modular design. Safe for piglets. Improves weaning survival and growth.



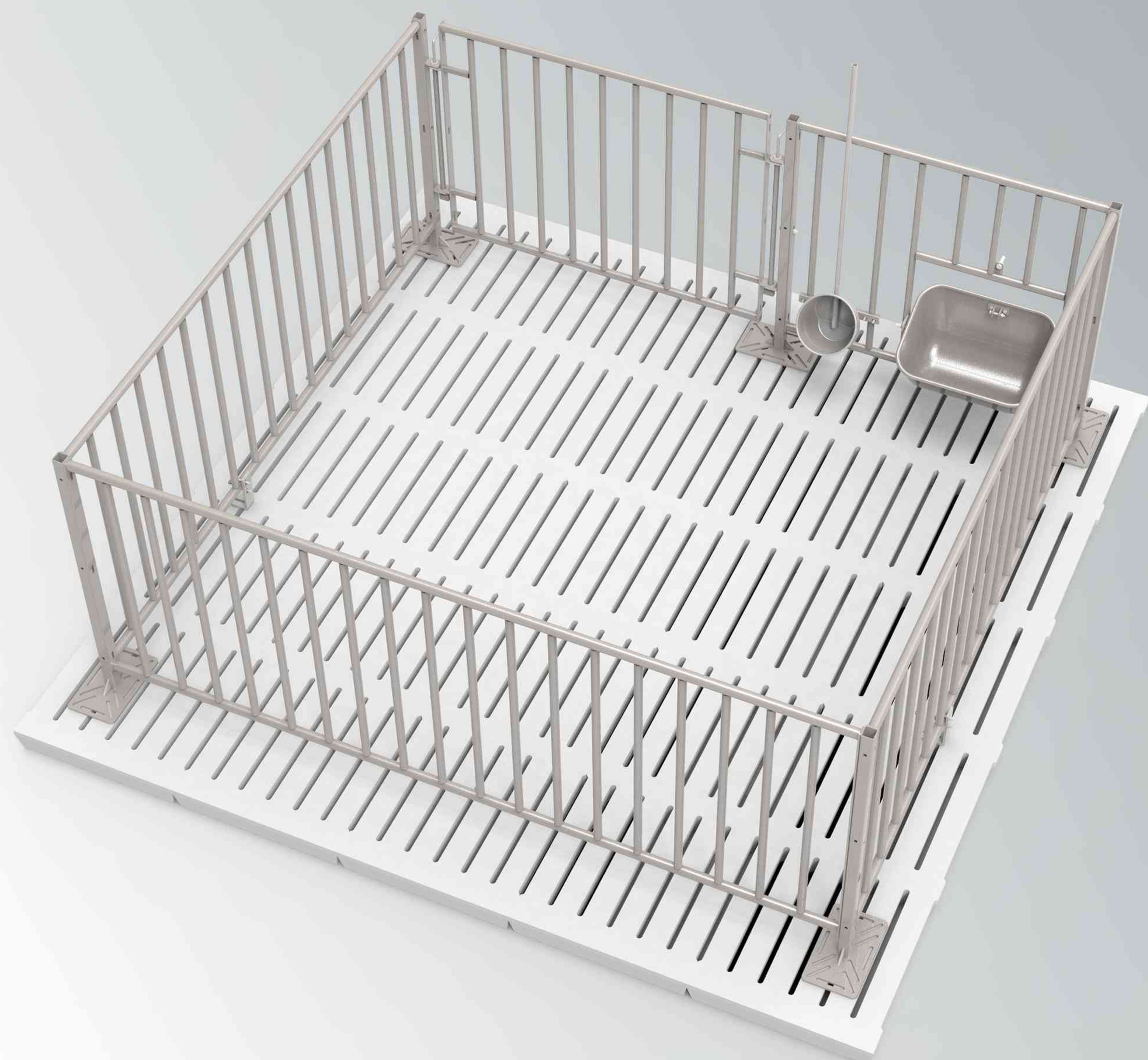
	A	B	C	D
Facts				
	Total Height (mm)	PVC Plank (mm)	Tube	
A	700	500x35	Dn25 x2	
B	700	600x35	Dn25 x1	
C	1000	740x35	Dn25 x2	
D	1000	900x35	Dn25 x1	

Weaning Stall Column

The reinforced base bracket (cast iron or stainless steel) securely anchors to plastic drain floors or support beams via bolts, preventing displacement from pig activity. Modular design offers straight, L-shaped, T-shaped, and cross configurations for flexible pen layouts. Smooth, rounded edges prevent piglet injuries. Top cap design deters chewing. Quick bolt assembly, no welding needed.



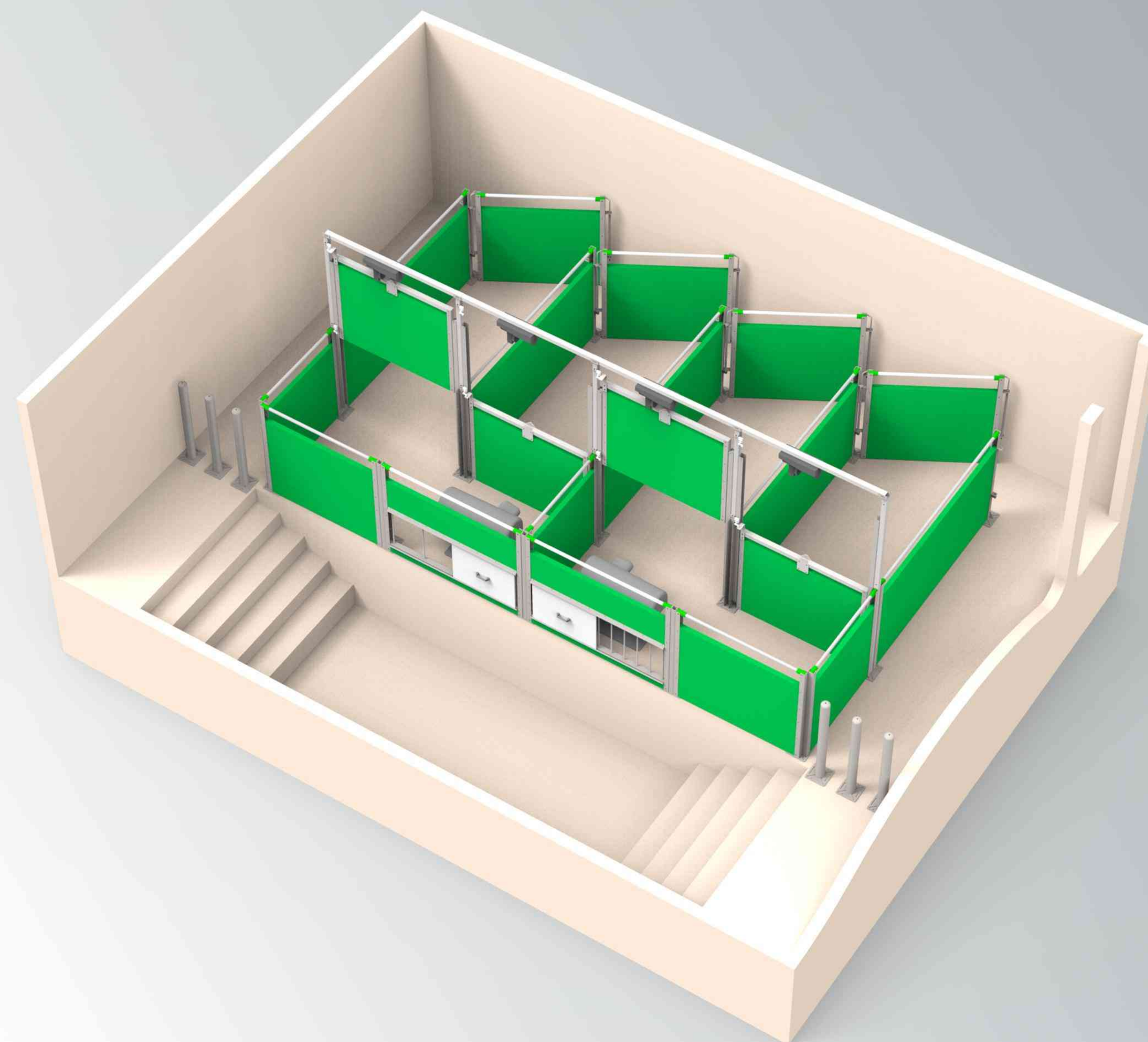
Boar Pen



Features

The Boar Pen is a specialized heavy-duty housing system designed for adult breeding boars, prioritizing structural strength, handler safety, and reproductive performance. Constructed from extra-thick hot-dip galvanized steel tubing it withstands the immense strength and potential aggression of 250-350kg boars.

Boar Semen Collection Stall



Features

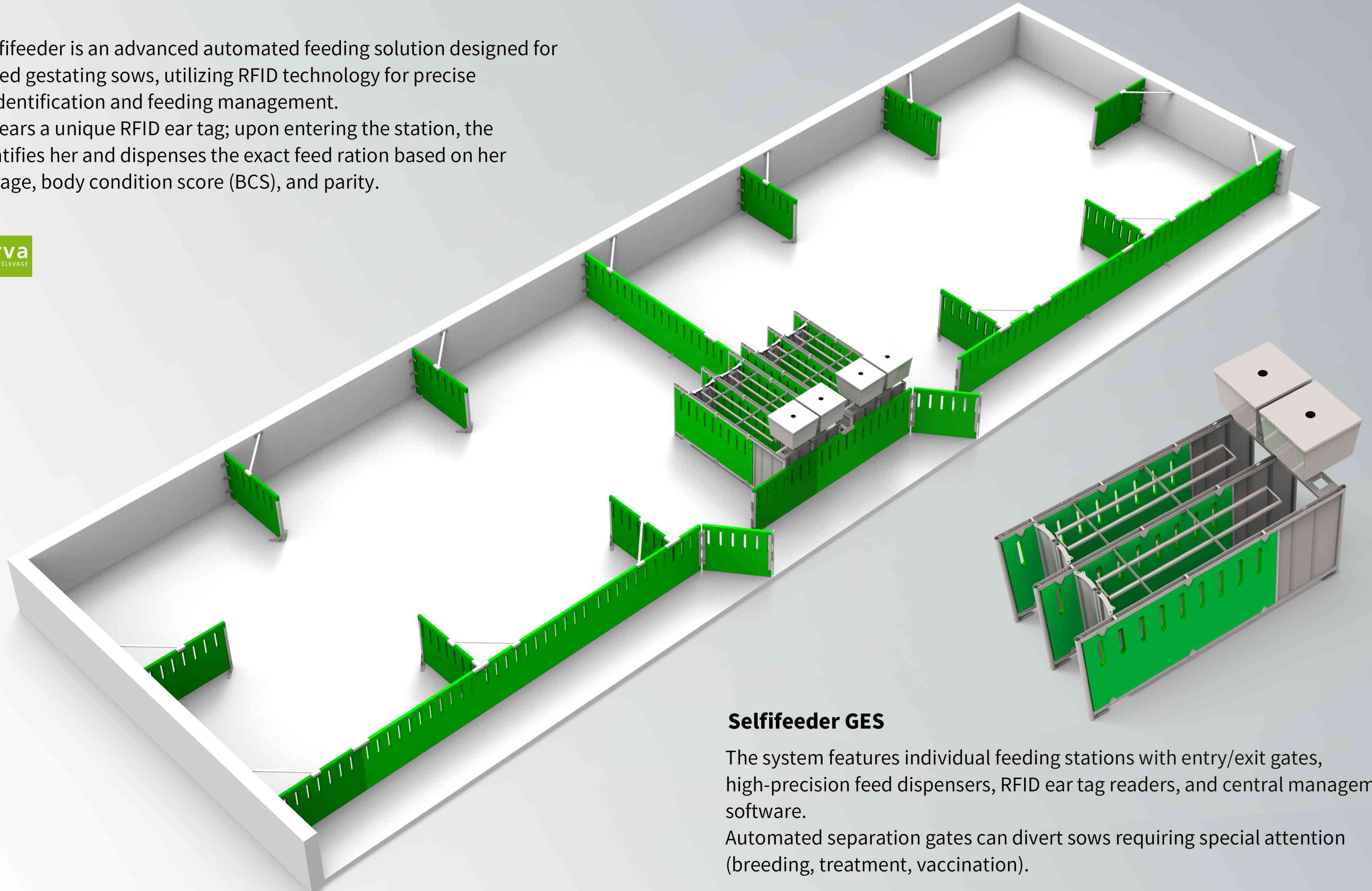
The Semen Collection Stall is a specialized facility designed exclusively for safe and efficient semen collection in artificial insemination operations. Spacious design (2.5m x 3.0m or larger) allows comfortable boar mounting and technician operation. Critical anti-slip flooring (rubber mats with deep tread or textured epoxy) prevents leg injuries during mounting—the #1 safety priority. The electronically controlled lift gates can more effectively facilitate the entry and exit of boars

ESF Selffeeder

Features

The ESF Selffeeder is an advanced automated feeding solution designed for group-housed gestating sows, utilizing RFID technology for precise individual identification and feeding management.

Each sow wears a unique RFID ear tag; upon entering the station, the system identifies her and dispenses the exact feed ration based on her gestation stage, body condition score (BCS), and parity.

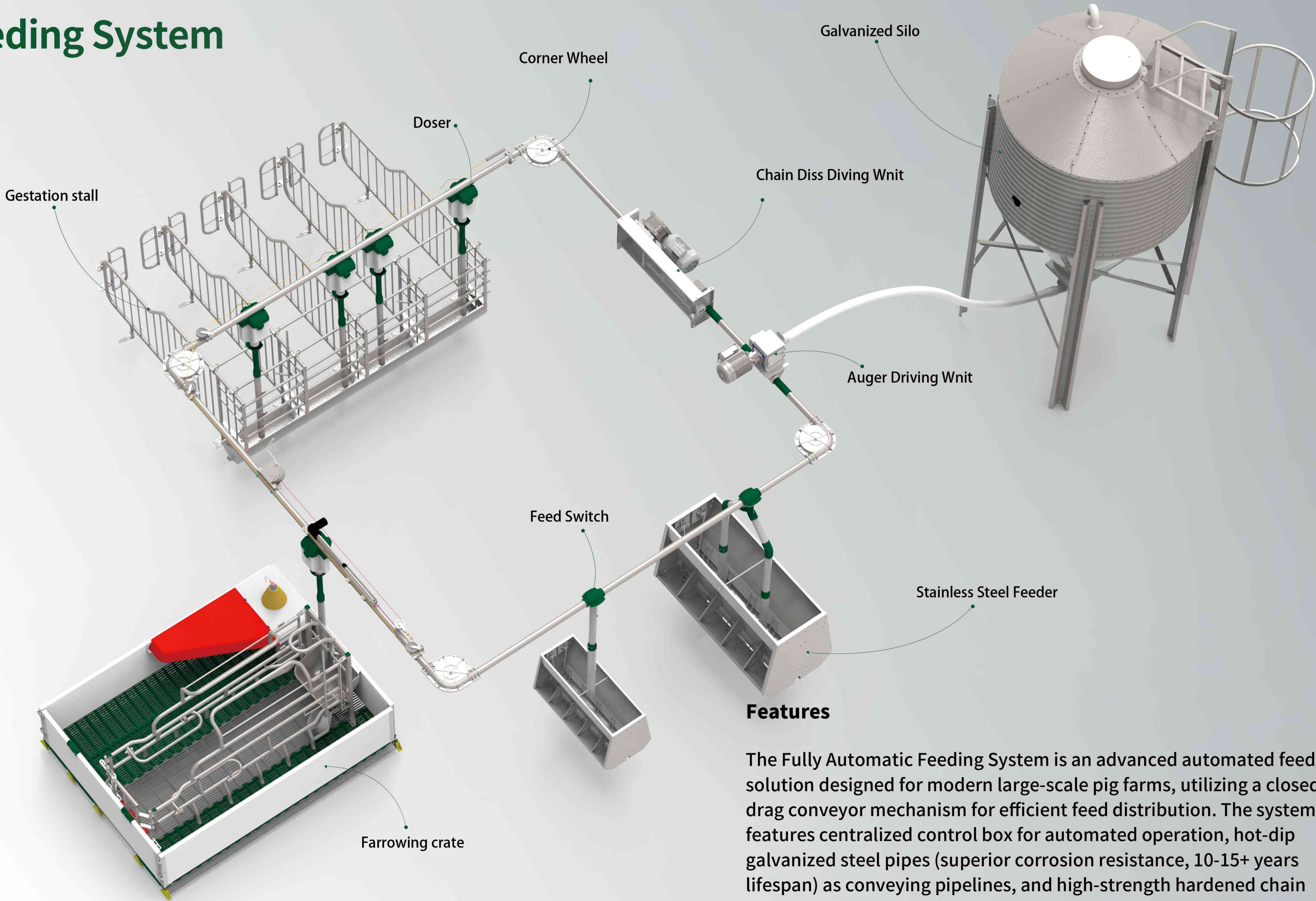


Selffeeder GES

The system features individual feeding stations with entry/exit gates, high-precision feed dispensers, RFID ear tag readers, and central management software.

Automated separation gates can divert sows requiring special attention (breeding, treatment, vaccination).

Feeding System



Features

The Fully Automatic Feeding System is an advanced automated feeding solution designed for modern large-scale pig farms, utilizing a closed-loop drag conveyor mechanism for efficient feed distribution. The system features centralized control box for automated operation, hot-dip galvanized steel pipes (superior corrosion resistance, 10-15+ years lifespan) as conveying pipelines, and high-strength hardened chain equipped with reinforced nylon plastic plugs/discs to gently push feed through the pipeline.

Galvanized Silo

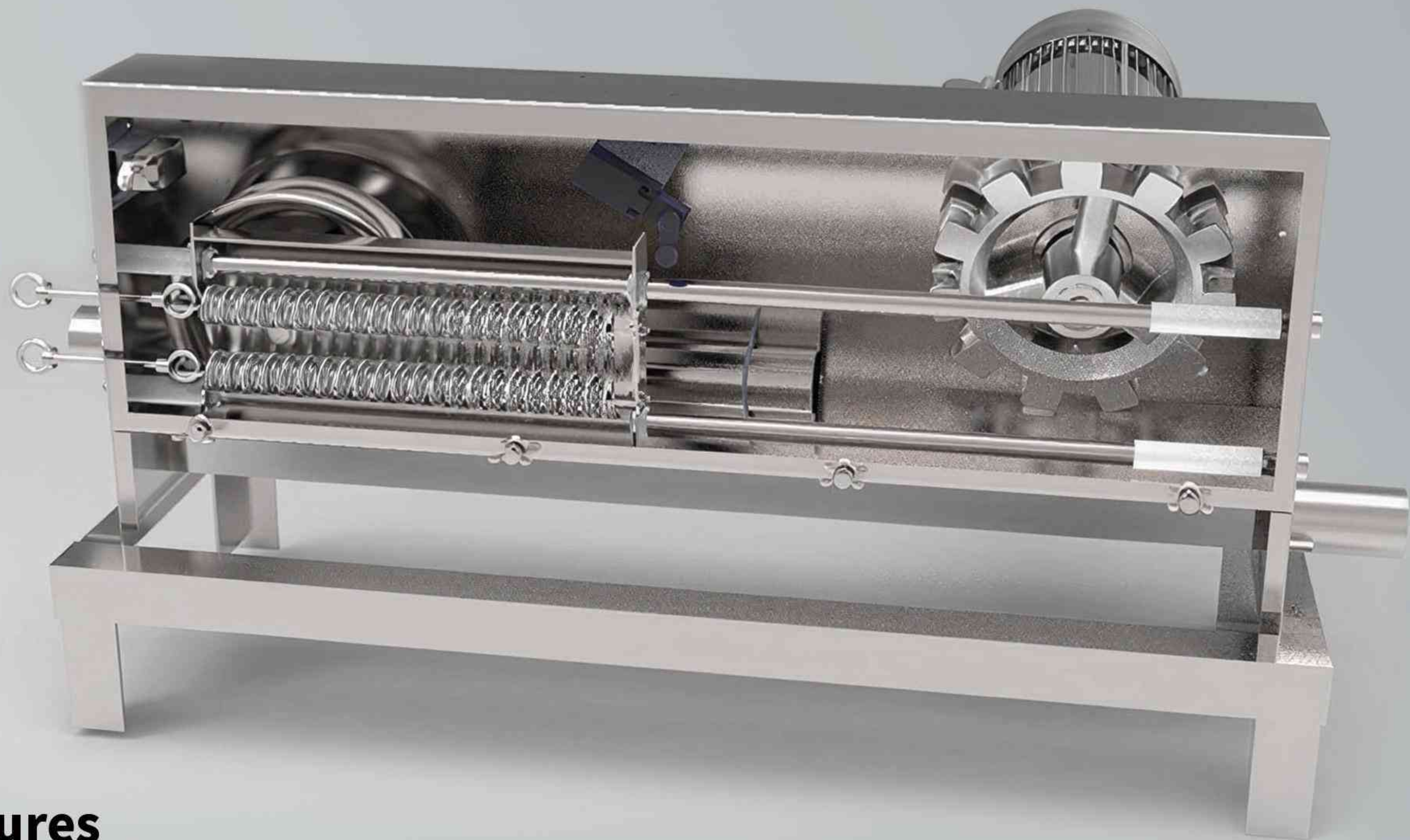


Facts

Model	Volume (m³)	Diameter (mm)	Total height (m)	No.of legs	No. of rings
LT182061	4.63	1820	3.8	4	1
LT182062	7.5	1820	4.9	4	2
LT215062	11	2150	5.3	4	2
LT215063	15.07	2150	6.4	4	3
LT275062	19.4	2750	6	6	2
LT275063	26.1	2750	7.2	6	3
LT363062	34.8	3630	6.4	8	2
LT363063	46.4	3630	7.5	8	3

The feed density is calculated based on 0.65t/m³

Chain Disc Driving Unit



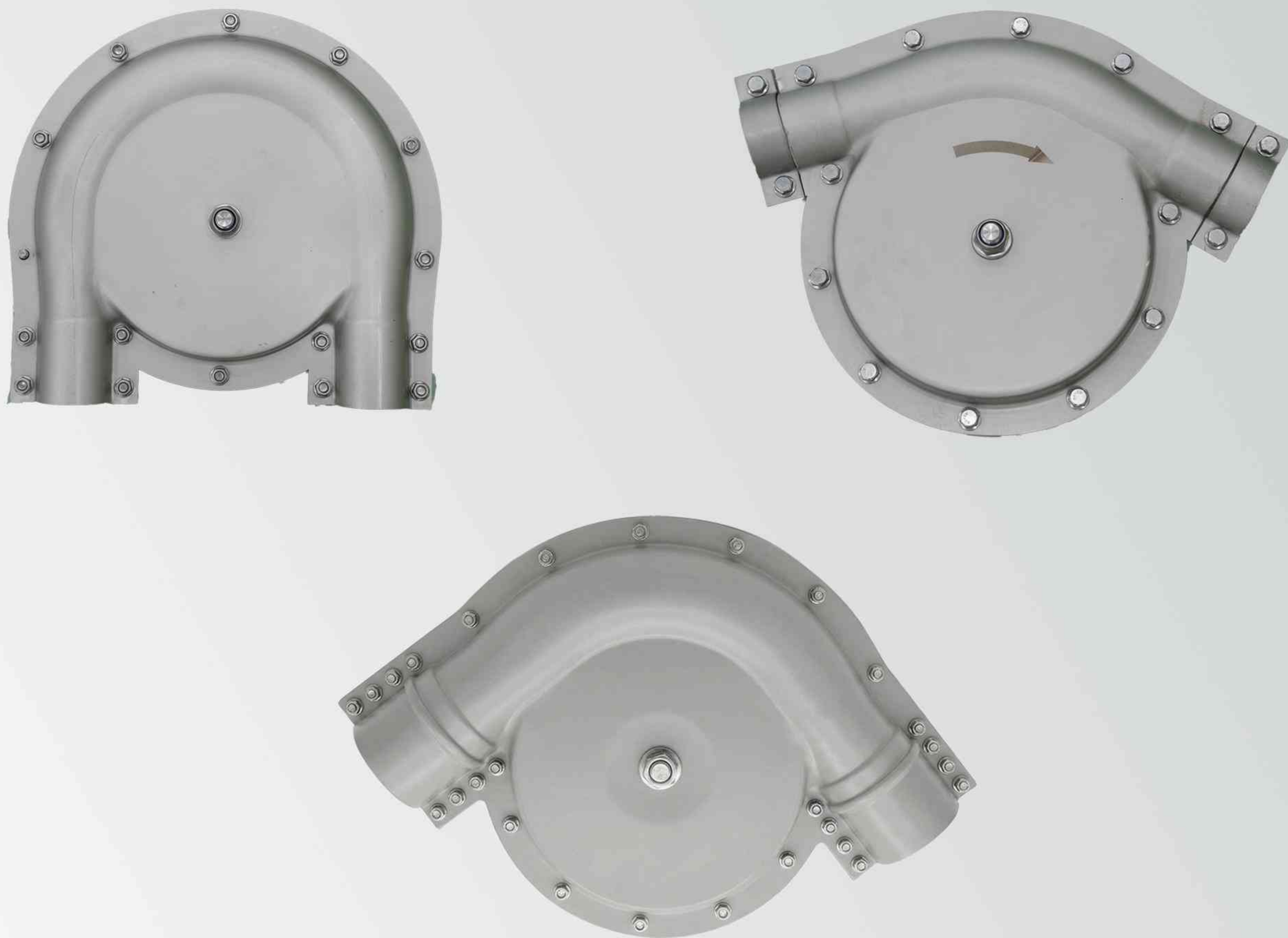
Features

It is a comprehensive functional module consisting of high-quality motor , cycloidal pinwheel reducer or worm gearbox, stainless steel drive housing , drive sprocket/wheel , tensioning mechanism , and safety protection devices . Features terminal drive installation , suitable for long-distance transport . Multiple drive configurations available for ultra-long lines with synchronized control.

Parameter

Model	Driving Unit Power (kw)	Capacity (tons/h)	Tensioning mechanism	Material Description
D60	1.5/2.2	1.5	Spring	-Frame: Hot-dip Galvanized Steel -Shell: 304 Stainless Steel -Driving Wheel: Cast Iron
D102	4.0	5		
D133	5.5	9		
D160	9.2	15	Pulley and counterweight	
D219	11	30		
D270	11	40		

Corner



Features

Available in three standard angles: 90°, 135°, and 180°—designed to accommodate various farm layouts and feed line configurations. Features superior waterproofing with double-sided sealing strips (EPDM or silicone rubber) on both sides of the housing, ensuring a tight, airtight seal that prevents moisture ingress, feed spoilage, and dust leakage.

Facts

Specifications	Material
90° 135° 180°	304 stainless steel shell cast iron wheel

Chain Disc



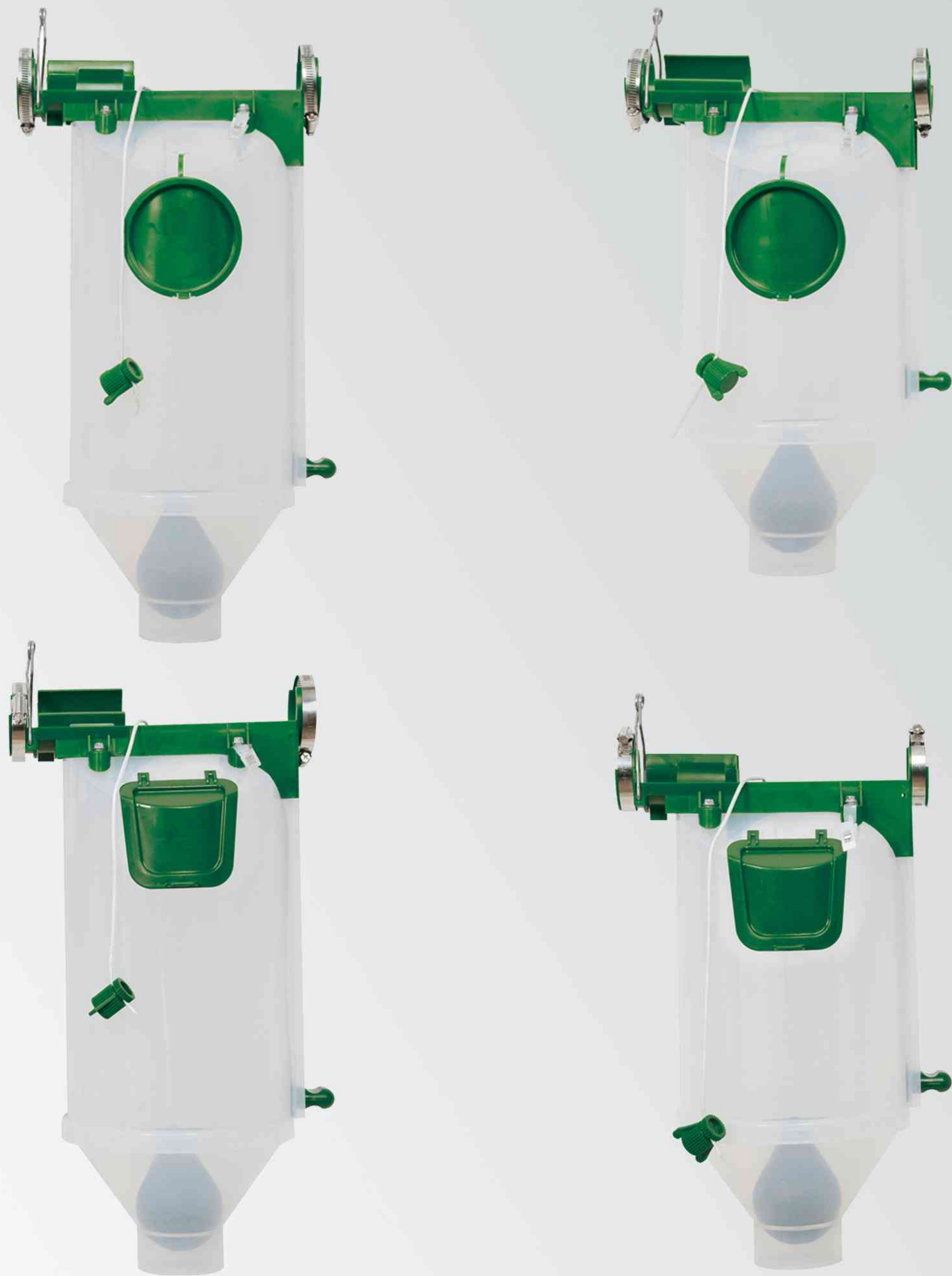
Features

The Disc is made of nylon 66 one-time injection molding, which is high strength and wear-resistant.
The Chain is made by 20Mn2 Steel. For D60 Chain the deformation tension is 1.2T, and the Breaking tension is 3.0T.

Parameter

Model	Link Diameter (mm)	Disc Diameter (mm)	Unit Length (m)	Material Description
D60	Φ 5	Φ 44	100	-Chain: 20Mn2 Steel -Disc: PA66 Nylon
D102	Φ 7	Φ 75	50	
D133	Φ 9	Φ 99	50	
D160	Φ 11	Φ 130	50	
D219	Φ 14	Φ 165	50	
D270	Φ 18	Φ 204	50	

Feed Dispenser



Facts

Model	Capacity	Material Description
Round	6L / 8L	-Shell: PP Plastic -Accessories: 304
Square	6L / 8L	Stainless Steel

Telescopic Drop Tube



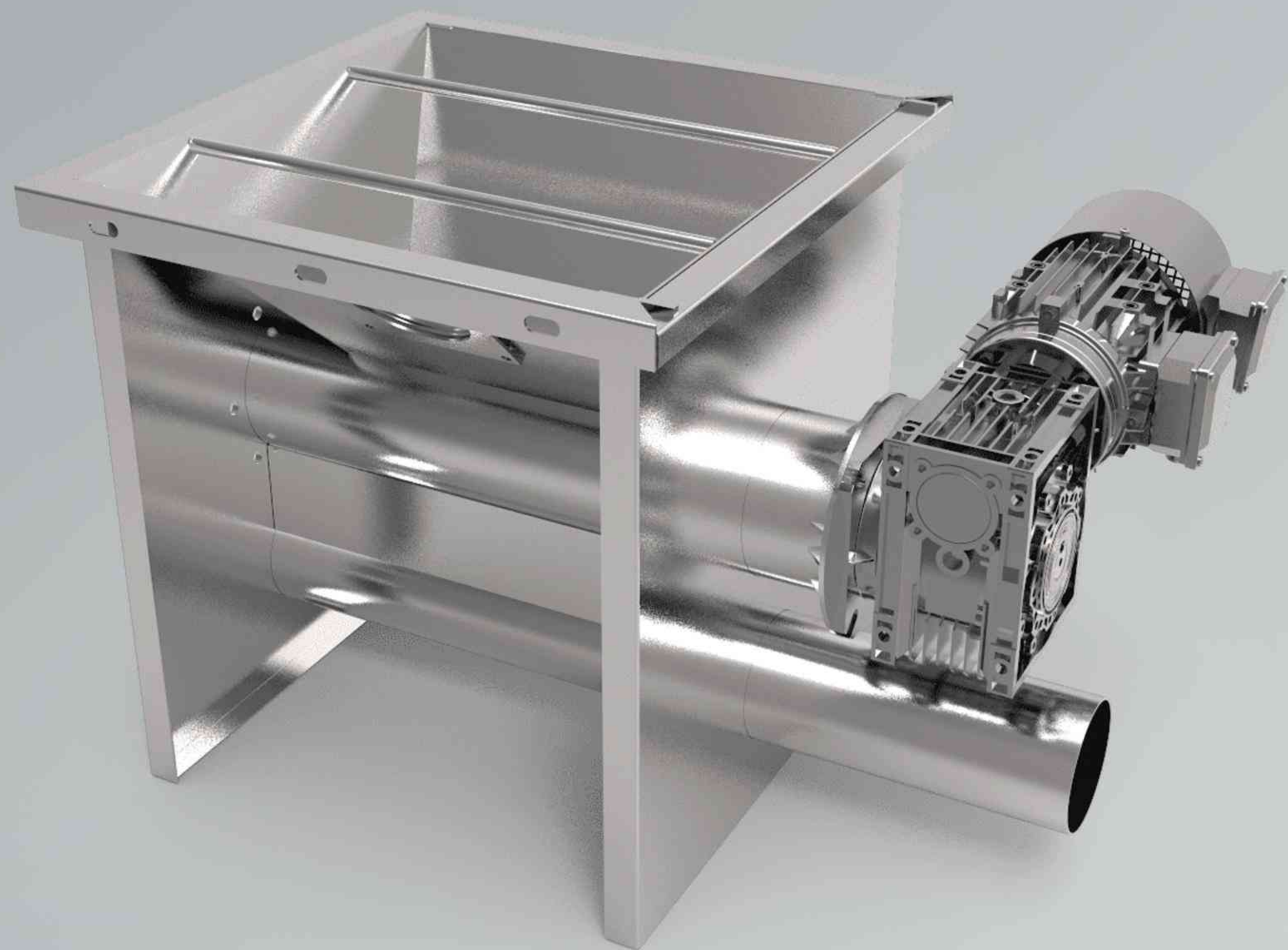
Features

The accessories of the feeding system are located inside the pig house and connect the dosing bucket and the galvanized feeding pipe device. The telescopic tube is made of PP plastic, and the models are $\Phi 60$ and $\Phi 75$ for customers to choose from.

Facts

Model	Fitting Diameter (mm)	Length	Material
Short	$\Phi 60/\Phi 75$	410mm	PP Plastic
Long		600mm	

Feed Silo Boot



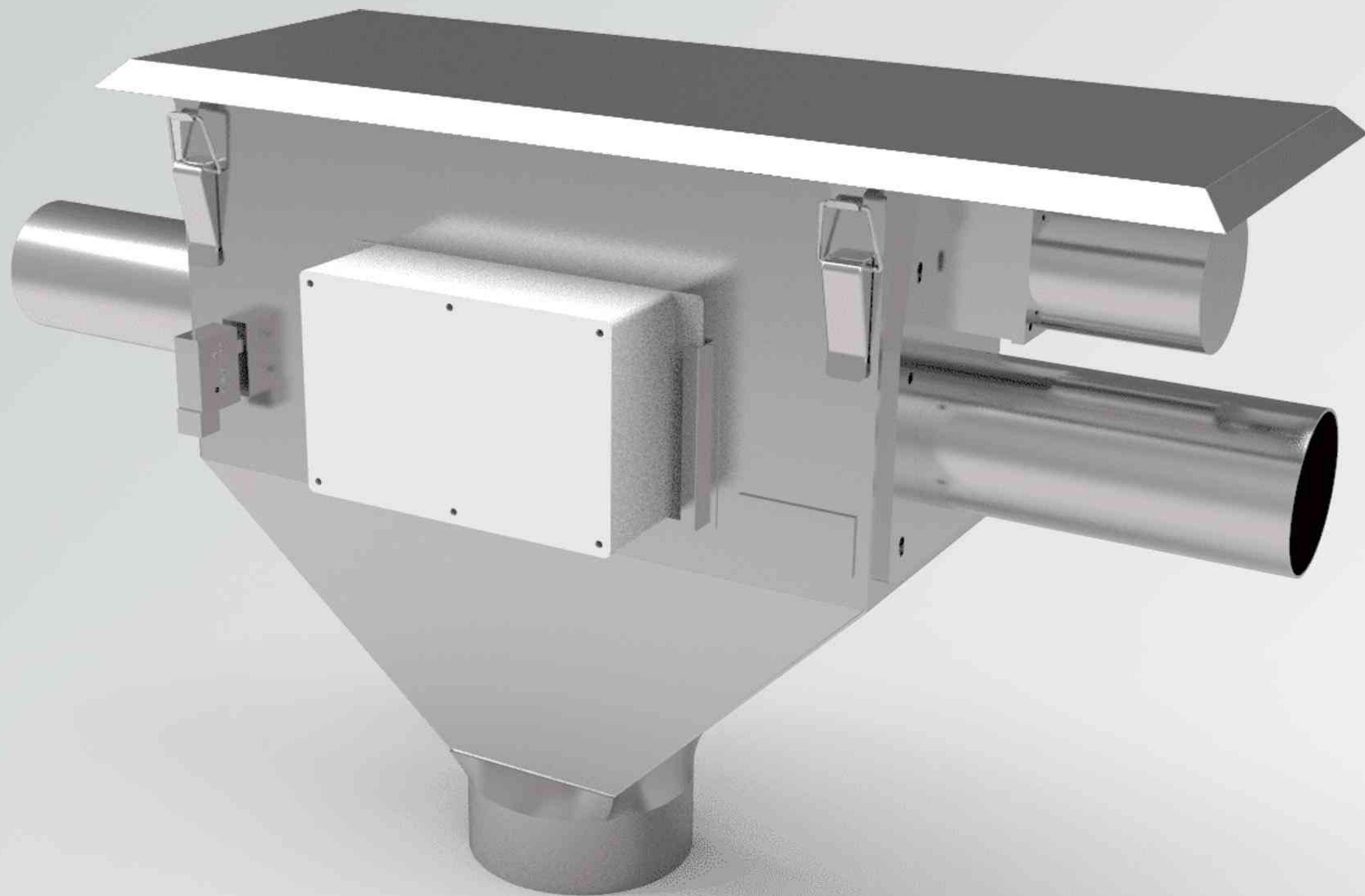
Features

Silo connecting component. Stainless steel shell(304)—corrosion-resistant, durable. Internal auger for uniform feeding. Anti-bridging design. Bottom adjustment switch for speed control. Two configurations: Standard (auger) and High-end (electric output). Universal compatibility.

Fact

Model	Fitting Diameter (mm)	Driving Unit Power (kW)	Material Description
Single Out Put	Φ60/Φ75	0.75/1.1	304 Stainless Steel
Double Out Put	Φ60/Φ75		
Electrical Out Put	Φ60/Φ102		

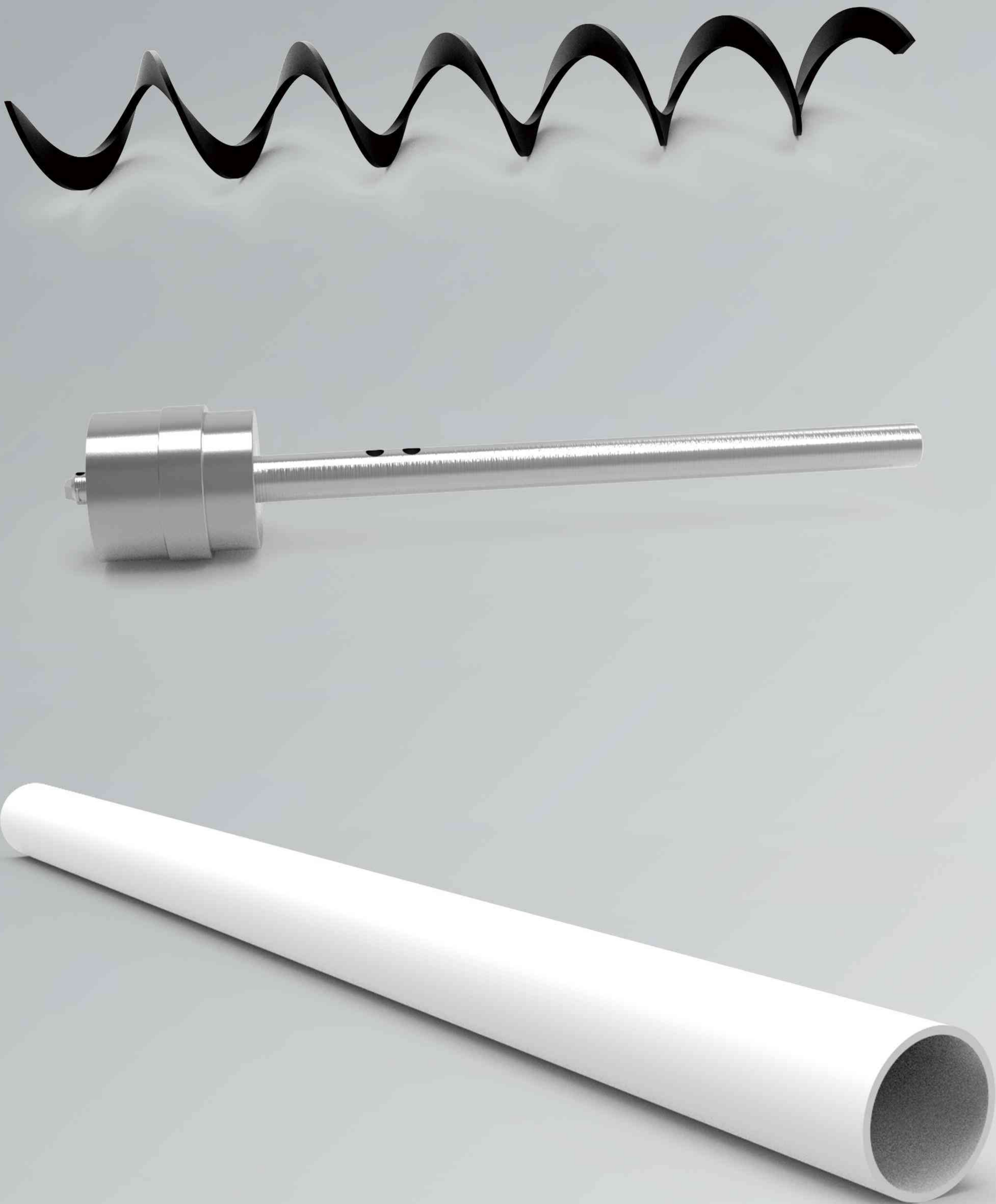
Silo Distributor



Parameter

Model	Switch Motor Power (kw)	Output Diameter (mm)	Material Description
D60	0.12	Φ102	304 Stainless Steel
D102		Φ168	
D133			
D160			
D219			
D270			
	0.20		

Auger & Anchor Bearing & PVC Feed Pipe



Features

Auger, Anchor Bearing, and PVC Feed Pipe are the three core components of automated feed conveying systems.

Auger (Spiral Conveyor) is manufactured from high-strength manganese steel or spring steel, featuring shaftless spiral design for efficient feed transport with high flexibility and wear resistance.

Anchor Bearing provides critical shaft support and positioning, preventing axial displacement and protecting the drive motor.

PVC Feed Pipe is made from modified UPVC with UV stabilizers, offering excellent weather resistance, corrosion resistance, and smooth internal surface. These three components work synergistically: PVC pipe provides the channel, auger provides conveying power, and anchor bearing provides mechanical support.

Auger Technical Parameter

Model	Pipe Diameter (mm)	Pipe Diameter (mm)	Capacity (tons/h)	Material
D75	Φ75	Φ60	1.2	spring steel
D90	Φ90	Φ72	2.5	
D110	Φ110	Φ88	3.5	

Auger axis

Model	Material
Φ 75/Φ 90/Φ 110	Galvanized material

Stainless Steel Dry-Wet Feeder



Features

Food-grade 304 stainless steel trough body, feed hopper, feed discharge adjustment mechanism, integrated drinking water system, anti-spill baffle, and reinforced base; high-end models use 316 stainless steel for high-corrosion farm environments. Rolled safety edges to avoid pig injuries, no sanitary dead corners for easy cleaning, adjustable feed flow, and anti-leakage drinking nipples.

Parameter

Model	Feeding Position Width (mm)	Height	Width	Places (Double Sides)	Material Thickness (mm)
Dry/Wet	380	900	560	4~10	1.2

Stainless Steel Dry Feeder



Features

Food-grade 304 stainless steel feed hopper, trough body, feed discharge adjustment mechanism, separated feeding stalls, anti-spill/anti-arch baffle, and reinforced mounting bracket; high-end intelligent models are equipped with a material level sensor and an anti-blocking vibration device. Unlike dry-wet feeders, it has no built-in water pipeline, drinking nipple and related water supply accessories.

Parameter

Model	Feeding Position Width (mm)	Height	Width	Places (Double Sides)	Material Thickness (mm)
Nursery	200	550	500	4~12	1.0
Fattening	300	850	610		1.5

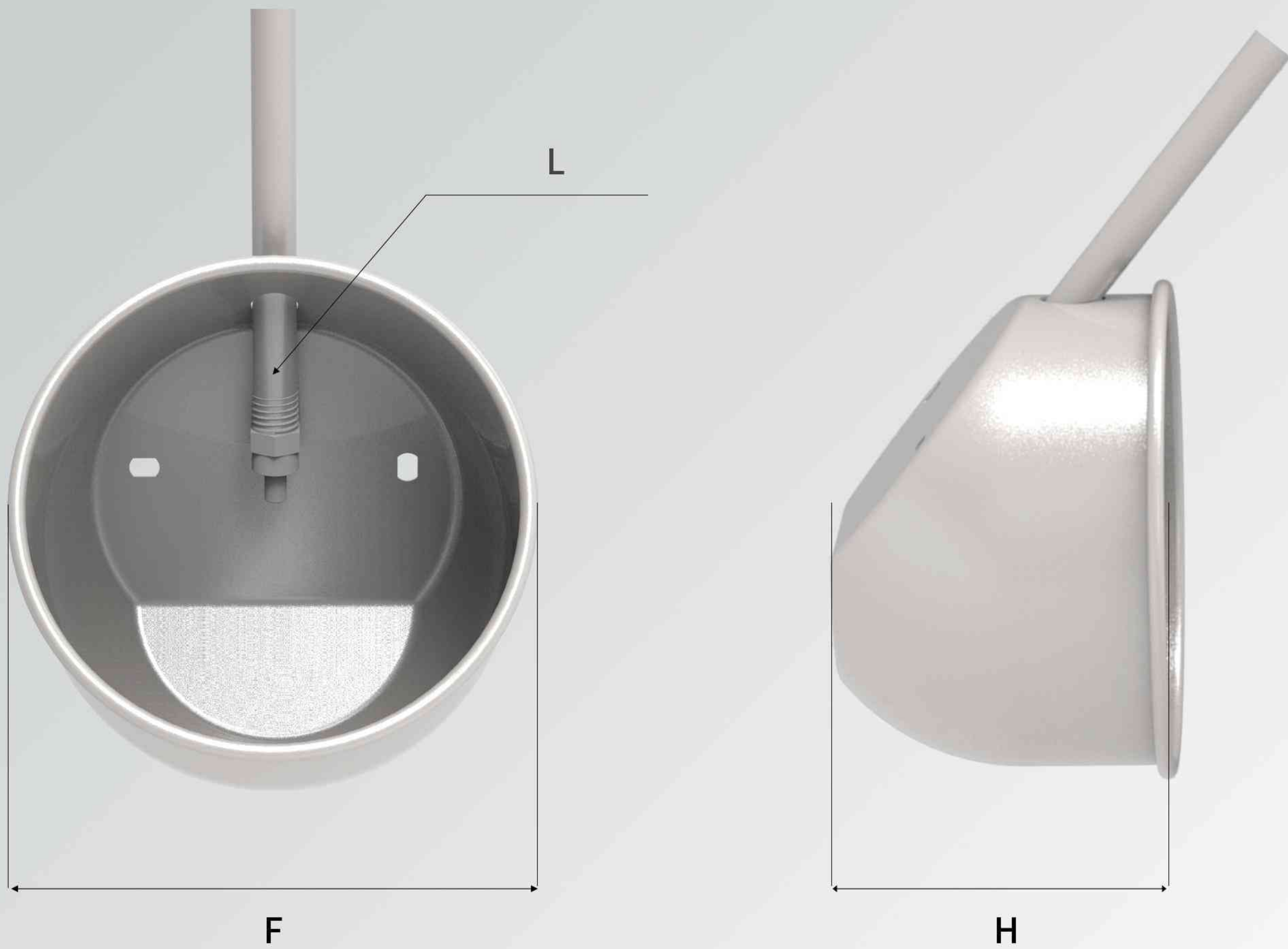
Dry-Wet Feeder



Parameter

Number	Capacity(L)	Pigs	Feed	Material
1	65	Nursery	Pellet	Frame: Hot-Dip Galvanized Steel Hopper: PP Plastic Trough: 304 Stainless Steel
2	100	Fattening	Pellet/Mash	
3	100	Fattening	Pellet	
4	100	Nursery	Pellet	
5	140	Fattening	Pellet/Mash	
6	140	Fattening	Pellet/Mash	

Drinking Bowl- RB



Features

Deep bowl design with drinking nipple. Reduces water waste 30-50%. Captures spilled water. Rounded edges prevent injuries. One-piece stamped design. No bacterial growth. Dry pigsty floors. Multiple sizes for all stages. 10-15+ years lifespan. Easy cleaning.

Parameter

Specifications (mm)	Tube Length (mm)	Thickness (mm)	Weight (kg)	Material
Φ 155x125	130	1.0	0.63	304 Stainless Steel
Φ 200x160	160	1.0	0.958	
Φ 220x170	200	1.0	1.104	

Drinking Bowl - LB



Features

The smooth, rounded edges prevent mouth injuries while the one-piece stamped construction ensures no dead corners for bacterial growth. Captures and retains spilled water for reuse, keeping pigsty floors dry and reducing wastewater by 30-50%.

Parameter

Specifications (mm)	Tube Length (mm)	Thickness (mm)	Weight (kg)	Material
215x150x105	245	0.98	0.827	SUS304
215x150x105	245	0.98	1.097	
320x225x140	245	0.98	1.155	

Drinker



Features

Featuring touch/bite-activated water release mechanism, it ensures pigs have 24/7 access to clean, fresh drinking water while significantly reducing water waste by 30-50%. The smooth, non-porous surface inhibits bacterial growth and ensures superior hygiene. Available in nipple and bowl types with adjustable flow rates for different pig stages.

Parameter

Model	Diameter (mm)	Pin (mm)	Length (mm)	Weight (g)	Material
FX-001	21	Φ 8	63.5	80	SUS304
FX-002a	22	Φ 8	55	70	
FX-005	22	Φ 8	63.5	75	
FX-001	21		80	113	

Climate & Ventilation System -Airiya



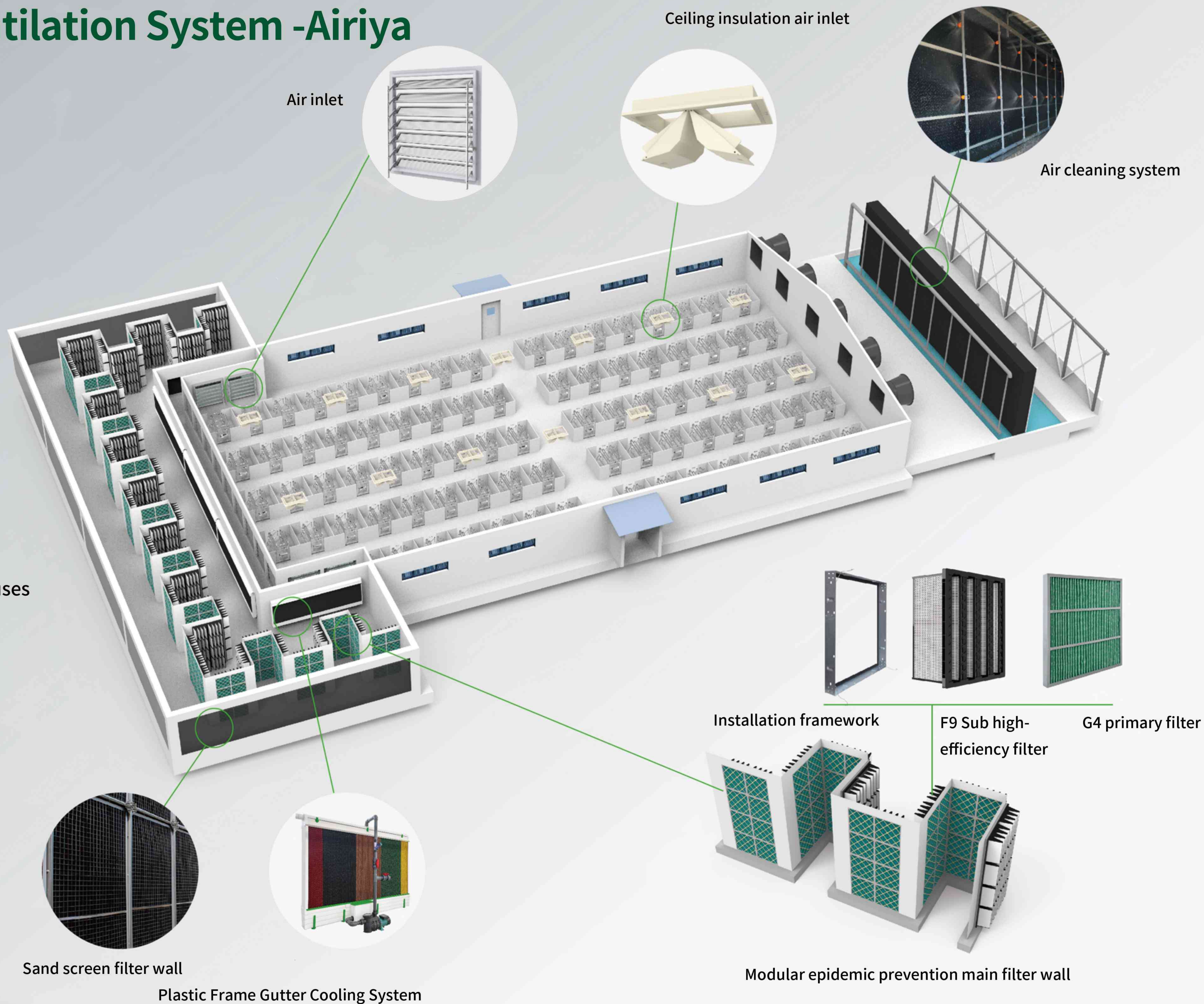
Reduce risk



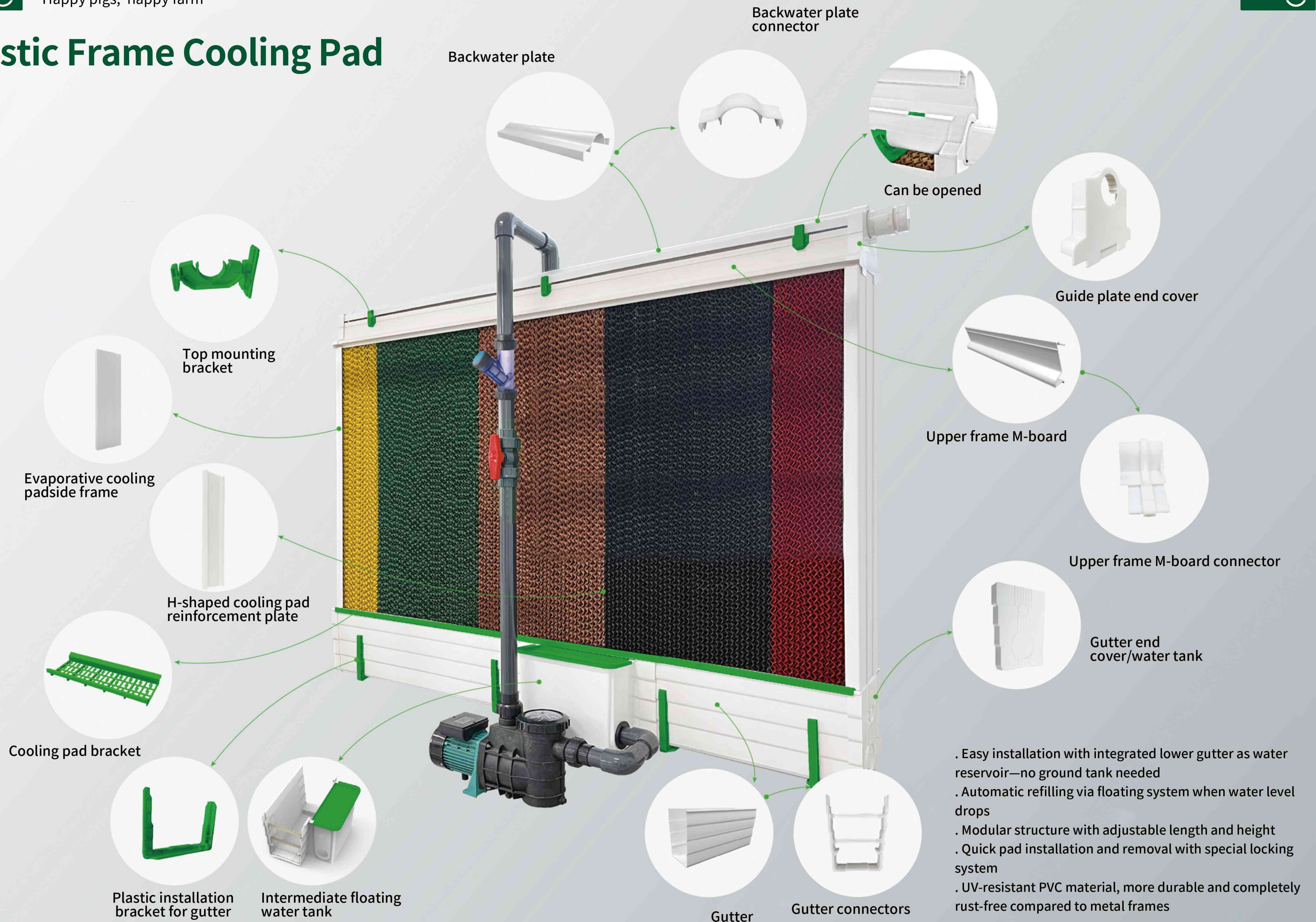
Prevent viruses



Guarantee



Plastic Frame Cooling Pad



- . Easy installation with integrated lower gutter as water reservoir—no ground tank needed
- . Automatic refilling via floating system when water level drops
- . Modular structure with adjustable length and height
- . Quick pad installation and removal with special locking system
- . UV-resistant PVC material, more durable and completely rust-free compared to metal frames

Features



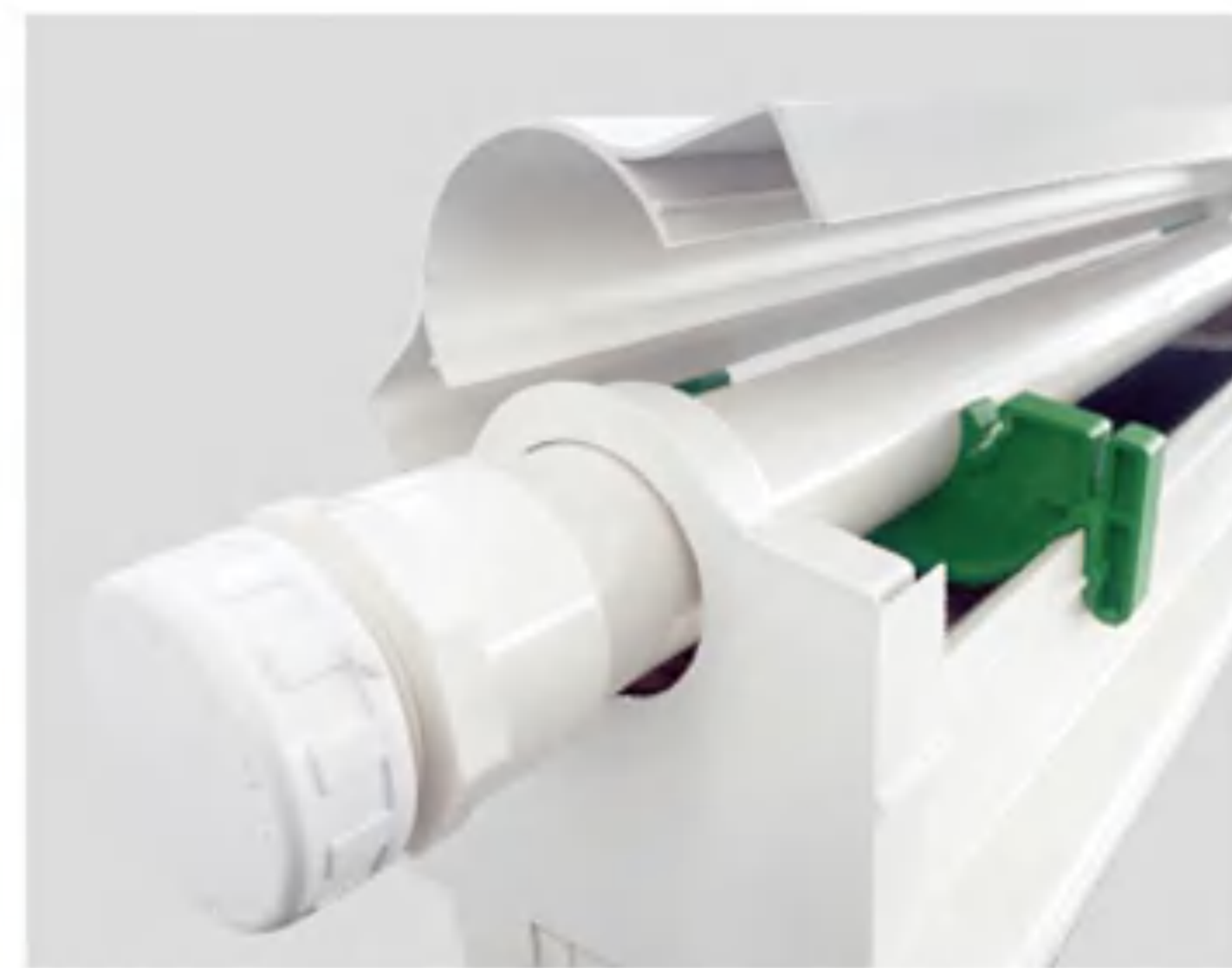
Drip Pipe Φ63

- . Dedicated drip pipes for paper and plastic cooling pads
- . Dripper holes on the pipes are distributed 3 cm apart
- . Ensure uniform water distribution along the entire length of the cooling pad



Ball Valve

- . A 63 ball valve is installed in the water inlet pipeline to regulate the water flow.
- . A 63 (T-type) ball valve is used to regulate the drainage.



Top Anti-Splash Plate

- . The newly developed top anti-splash plate is easy to disassemble, allowing for quick inspection and cleaning of the internal pipelines.



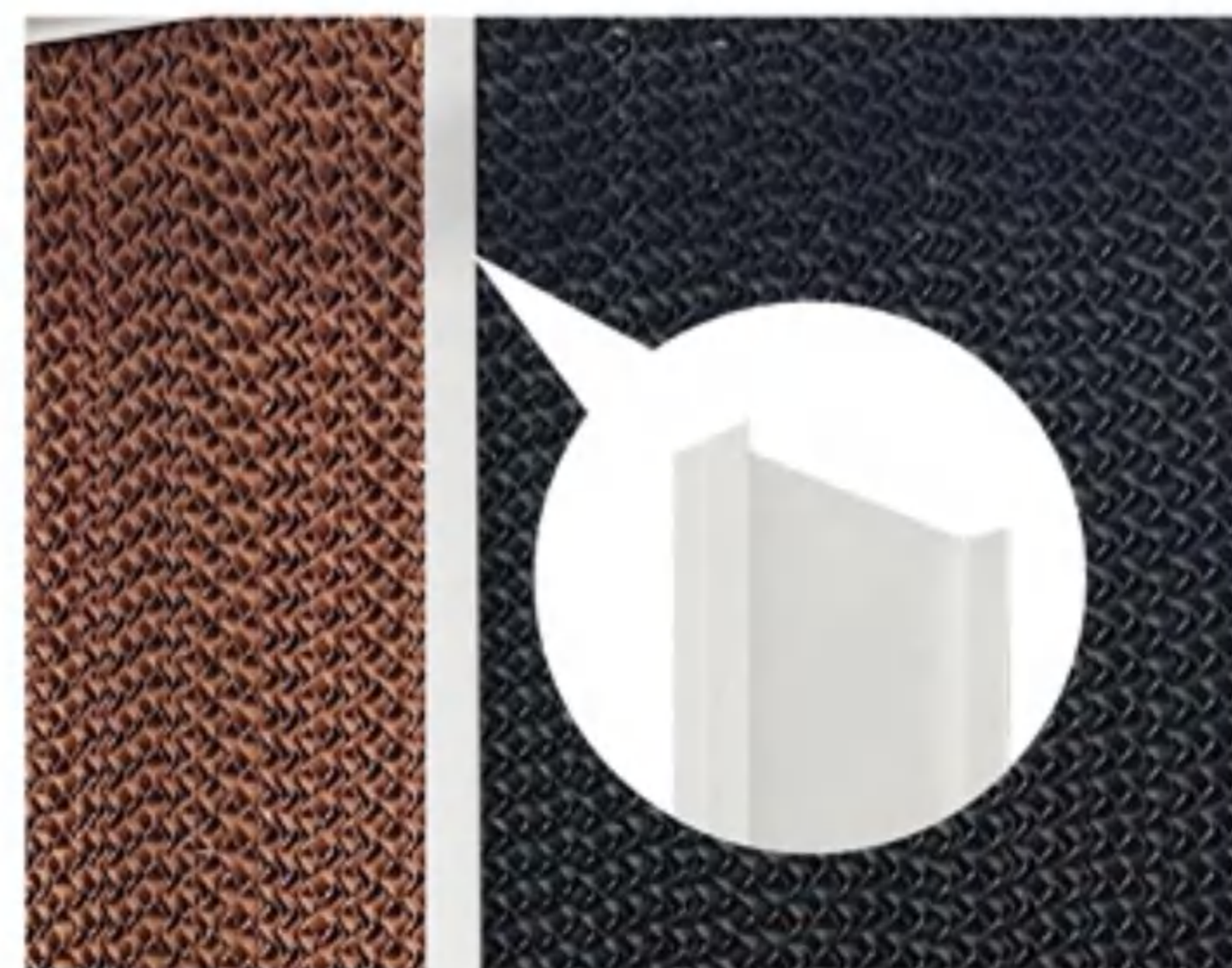
Mounting Bracket

- . All profiles are treated with snap fasteners, facilitating the fixing of pipe racks and M-plates.
- . Provide high stability for M-plates.
- . Facilitate the opening and replacement of cooling pads.



Gutter

- . Meets all water supply requirements of the system without the need for an external water tank.
- . A mounting bracket is installed on the bottom gutter for fixing to the wall.
- . The side end cover is equipped with a drainage port to facilitate cleaning



H-Type Cooling Pad Reinforcement Plate

- . Suitable for reinforcing large-size cooling pads.
- . Stabilizes the cooling pads, preventing deformation during long-term use and enhancing overall stability.



Make-up Water Tank

- . The ingraed water make-up system is connected to the sump tank/water collection tank.
- . An internal float valve is equipped to automatically replenish water according to water consumption.



Cooling Pad Bracket

- . The cooling pad bracket enables perfect water recirculation
- . Prevents gnawing by rodents.
- . The cooling pad is embedded in the bracket, with high splash resistance on both sides.



Circulating Water Pump

- . Equipped with an integrated filter, available in 1.5-inch or 2-inch caliber.
- . Different water pumps are configured according to different lengths of the cooling system.

PVC Cooling Pad

Farmjoy PVC Cooling Pad is a cost-effective cooling solution with minimal energy consumption through adiabatic process. Made of self-extinguishing PVC with a special honeycomb structure, it offers superior durability, UV resistance, and near-opacity for light control in breeding facilities.

Key Advantages:

Excellent cooling performance with low wind resistance
Extremely sturdy and easy to clean—no regular replacement needed
Honeycomb design ensures uniform water distribution and maximized air contact for enhanced cooling efficiency

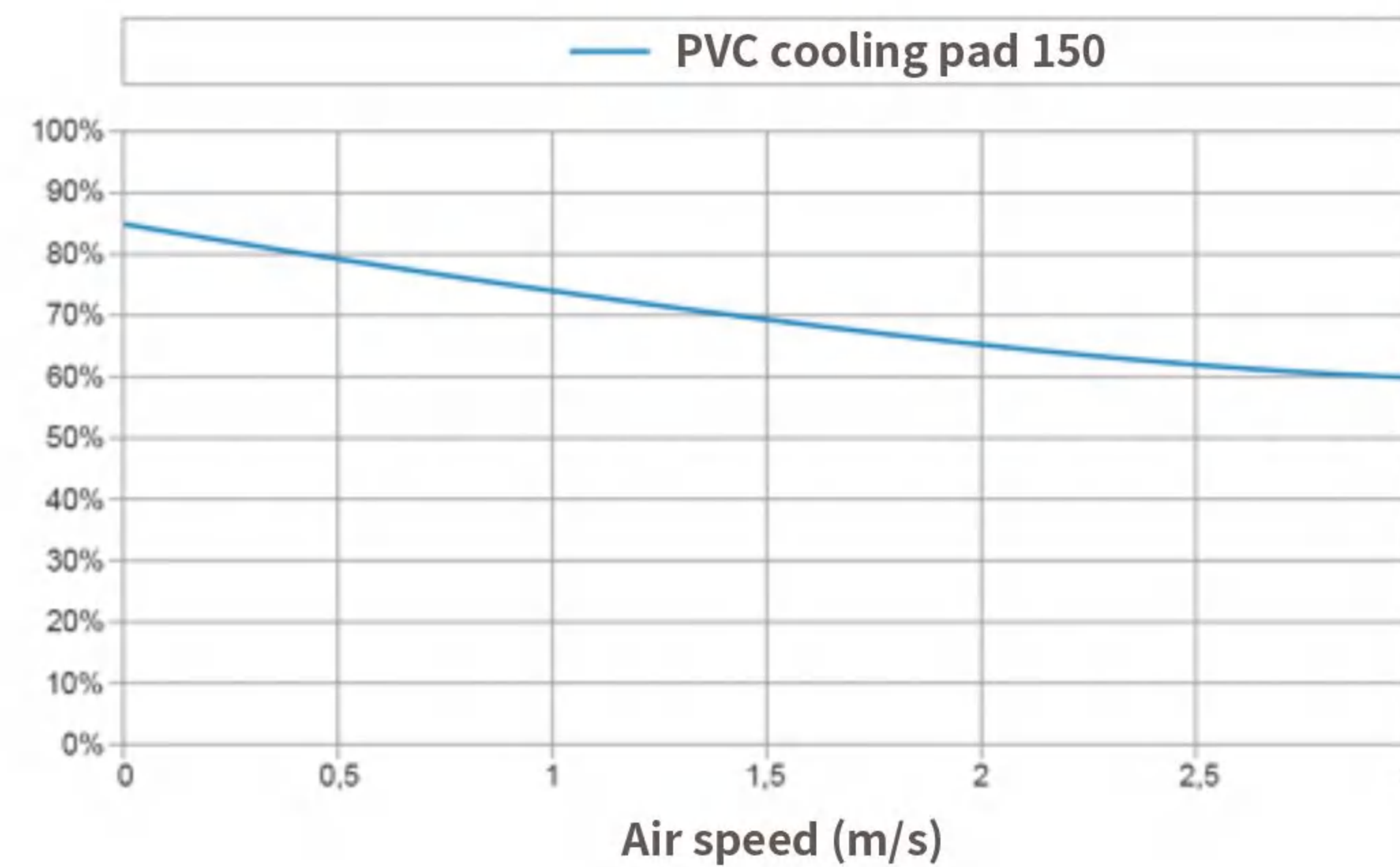
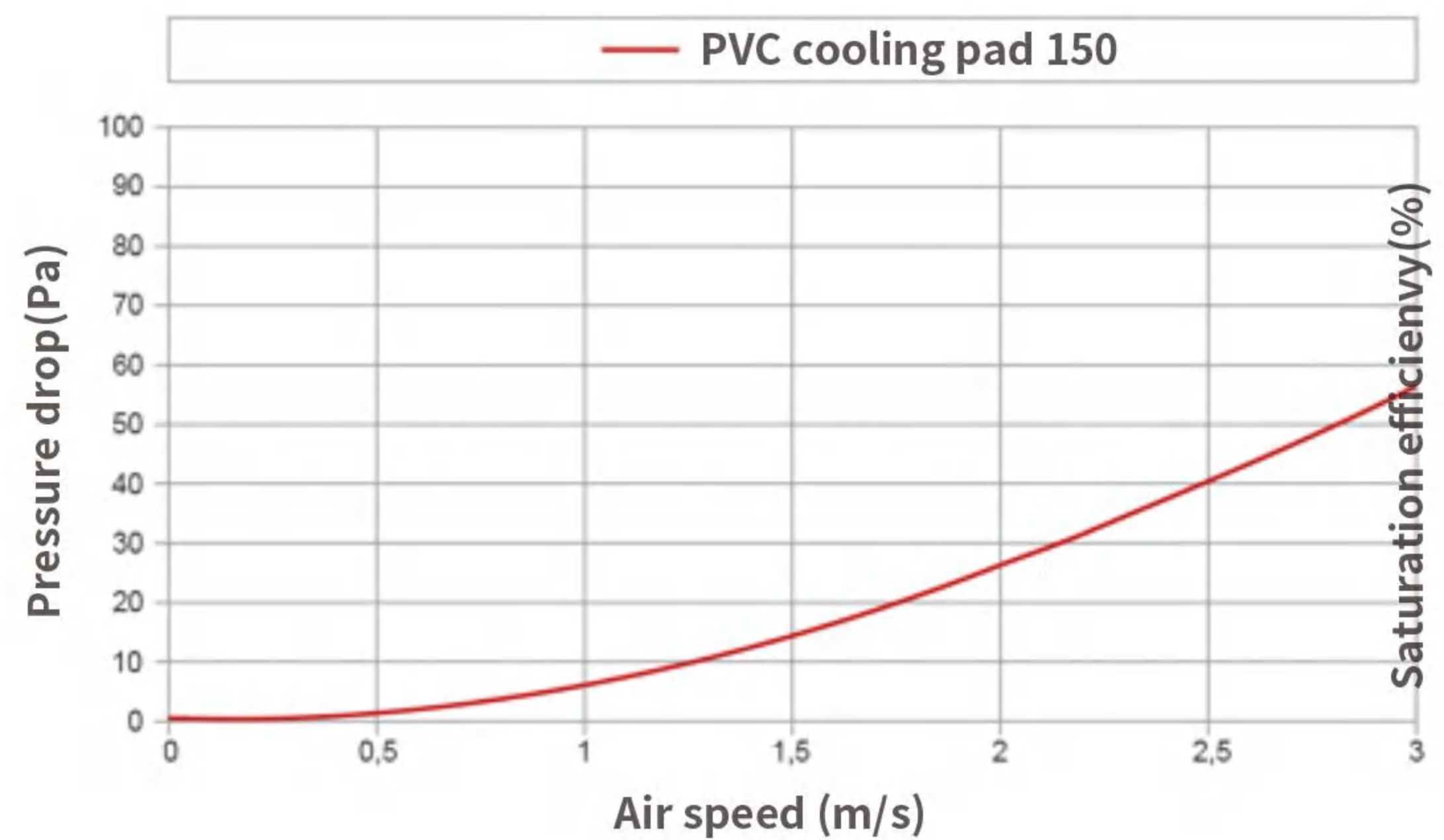


Technical features, dimensions

Capacity	Material
5L,6L	Square bucket, made of PP material. Circular bucket, made of ABS material.

Note: Different heights are available upon request.

Performance test data

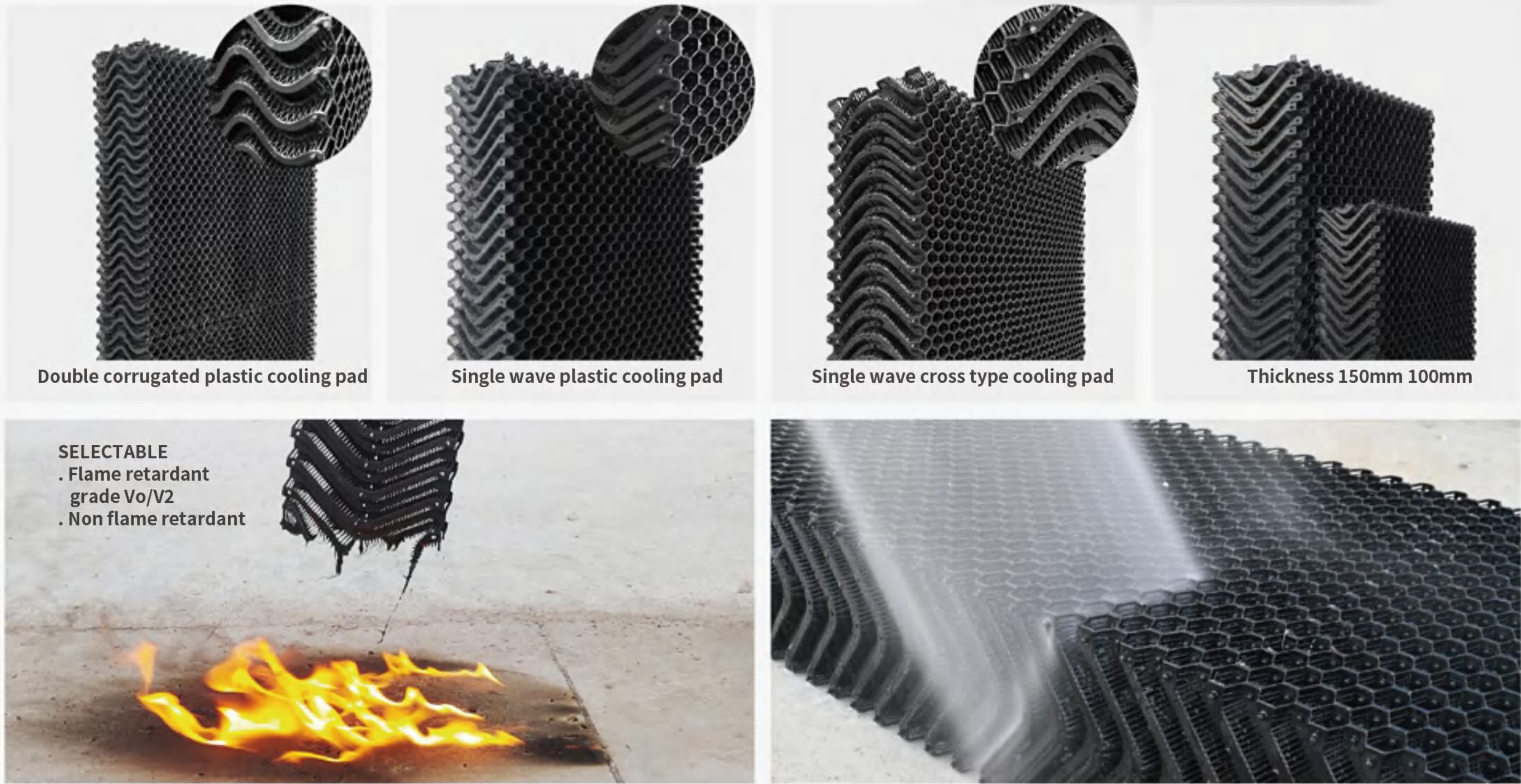


PP Plastic Cooling Pad

Farmjoy Plastic Evaporative Cooling Pad is an advanced polypropylene-based product that delivers the cooling performance of paper pads with superior durability. Water-resistant, mold-proof, and insect-resistant, it offers a 15+ year lifespan with no replacement needed, significantly reducing material and labor costs.

Characteristic

- . Made of polypropylene—easy to clean and highly robust
- . Standard dimensions: 600/900/1,200/1,500/1,800/2,100/2,400 x 150mm and 100mm; custom heights up to 3,000mm available
- . Direct replacement for standard paper pads with lower pressure loss
- . Long service life with flexible length (up to 24m per pump) and max height 2.5m
- . Quick assembly with high cooling performance



Specifications

Single wave plastic cooling pad thickness 10mm 150mm, double wave plastic cooling pad thickness 150mmThe area size of the cooling pad can be customized according to actual installation needs and can be made into any size.The specifications of cooling pads without frames are as follows:

600mm*600mm	1200mm*600mm	1500mm*600mm	
1800mm*600mm	2400mm*600mm	3000mm*600mm	Size customization

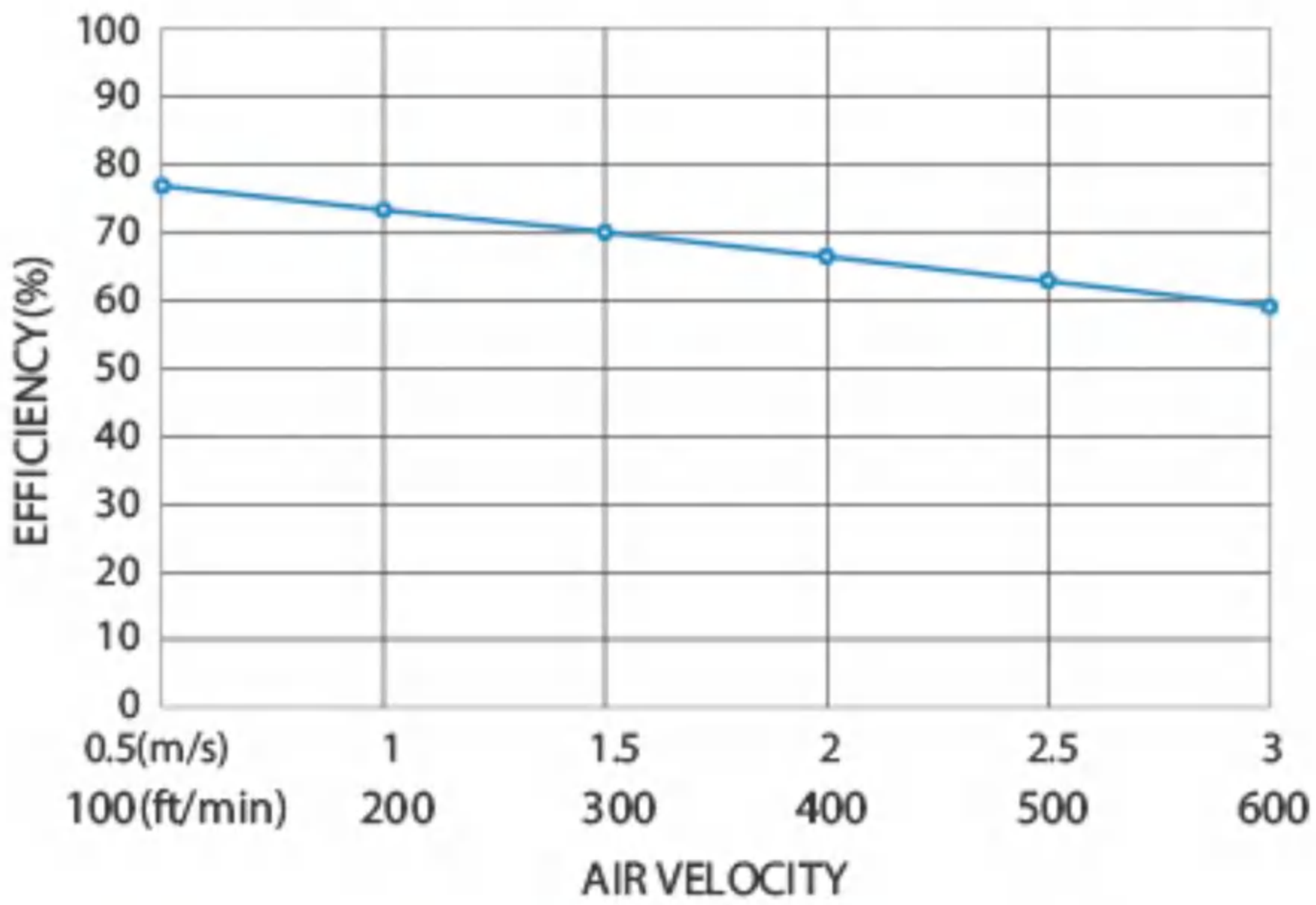
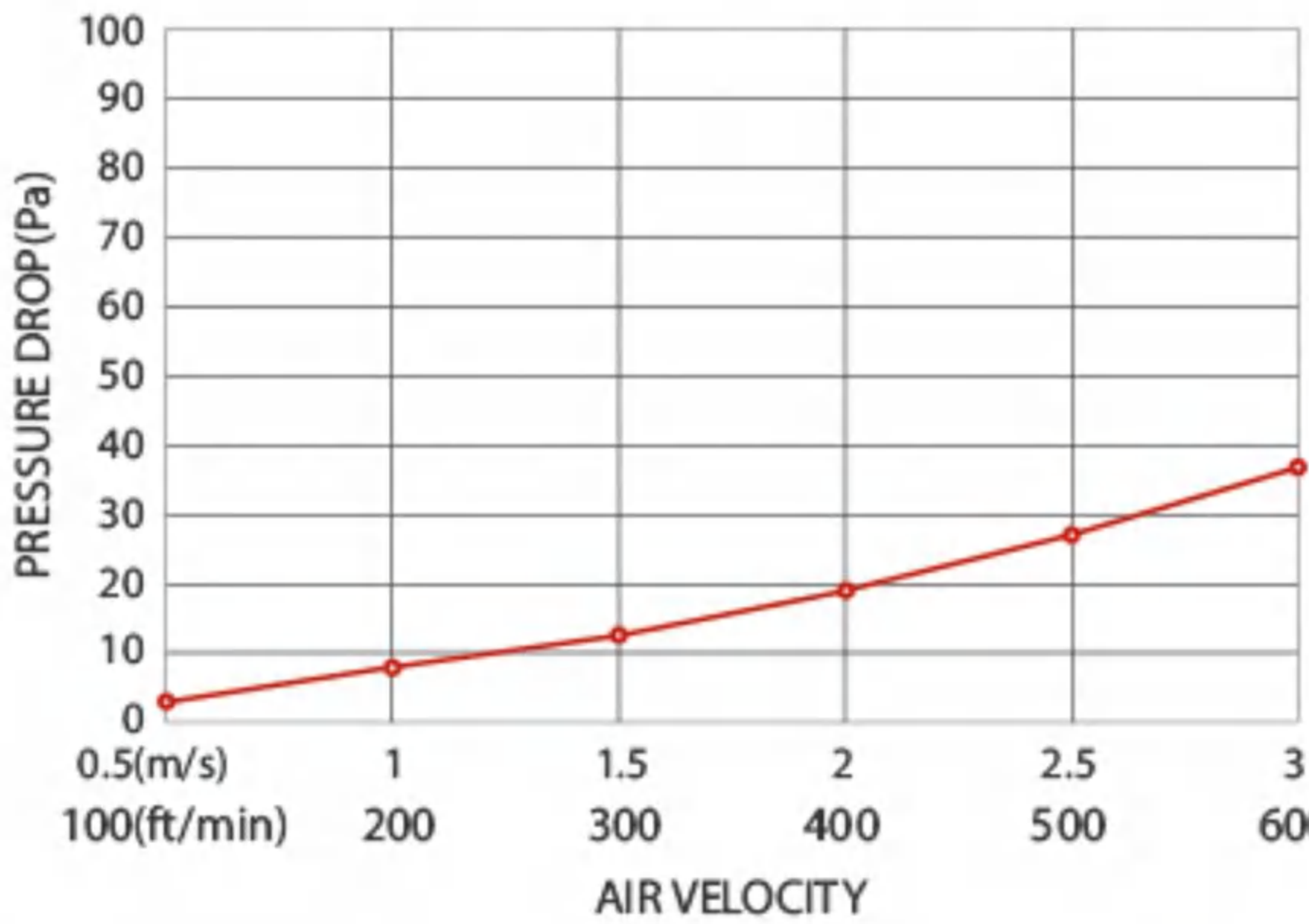
Performance Indicators OF Cooling Pads

Plastic evaporative cooling pad								
Length	[mm]	6000	9000	12,000	15,000	18,000	21,000	24,000
Thickness	[mm]	150	150	150	150	150	150	150
Water pump	(W)	750	750	750	750	1,500	1,500	1,500

Water pump load: 1~230V/50Hz

Air temperature after plastic evaporative cooling pad																	
	T	rH	T	rH	T	rH	T	rH	T	rH	T	rH	T	rH	T	rH	
	[°C]	[%]	[°C]	[%]	[°C]	[%]	[°C]	[%]	[°C]	[%]	[°C]	[%]	[°C]	[%]	[°C]	[%]	
Air temperature before plastic evaporative cooling pad	50°C	32.2	49														
	48°C	30.9	49	33.9	59												
	46°C	29.6	49	32.3	59	34.7	67										
	44°C	28.2	50	30.9	59	33.1	67										
	42°C	26.9	50	29.3	60	31.5	67	33.5	74								
	40°C	25.5	51	27.9	60	29.9	68	31,8	74	33.4	80						
	38°C	24.1	52	26.3	60	28.3	68	30.0	74	31.6	80	33.1	85				
	36°C	22.8	52	24.8	61	26.7	68	28.4	74	29.9	80	31.3	85	32.6	89	33.8	93
	34°C	21.4	53	23.3	61	25.1	68	26.6	75	28.1	80	29.4	85	30.7	89	31.9	93
	32°C	20.1	53	21.8	61	23.5	68	25.0	75	26,4	80	27.6	85	28.9	89	29.9	93
	30°C	18.7	53	20.4	61	21.9	68	23.3	75	24,6	80	25.8	85	26.9	89	28.1	93
	28°C	17.3	54	18.8	62	20.2	69	21.6	75	22.8	80	24.0	85	25.1	89	26.1	93
	26°C	15.9	54	17.4	62	18.6	69	19.9	75	21.0	80	22.2	85	23.2	89	24.2	93
	24°C	14.5	55	15.8	63	17.0	69	18.2	75	19.3	80	20.3	85	21.3	89	22.3	93
	22°C	13.1	55	14.3	63	15.4	69	16.5	75	17.6	80	18.5	85	19.5	89	20.3	93
	20°C	11.7	56	12.8	63	13.8	70	14.8	75	15.8	80	16.7	85	17.6	89	18.4	93
	10%		20%		30%		40%		50%		60%		70%		80%		
	Air condition behind plastic evaporative cooling pads																

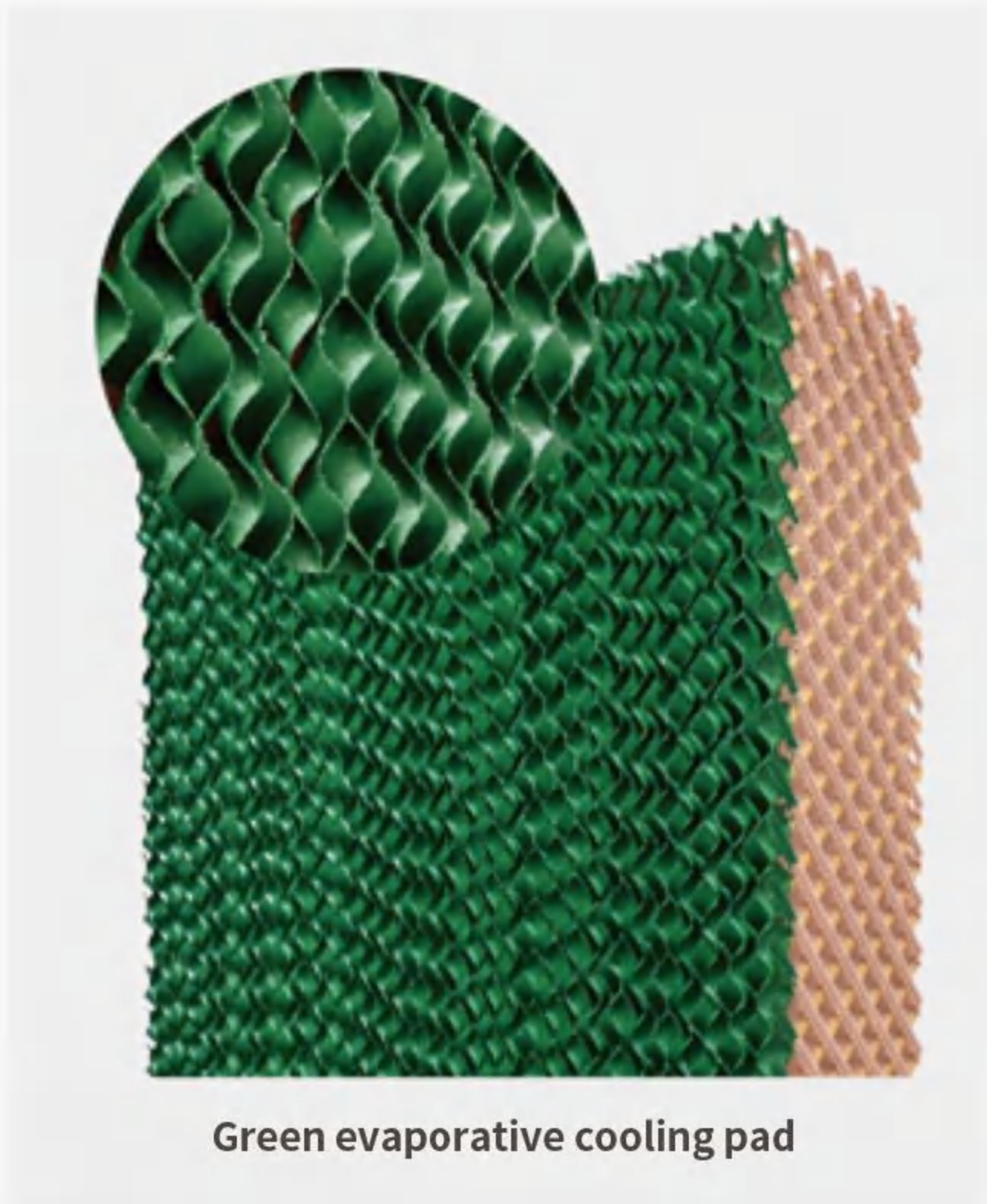
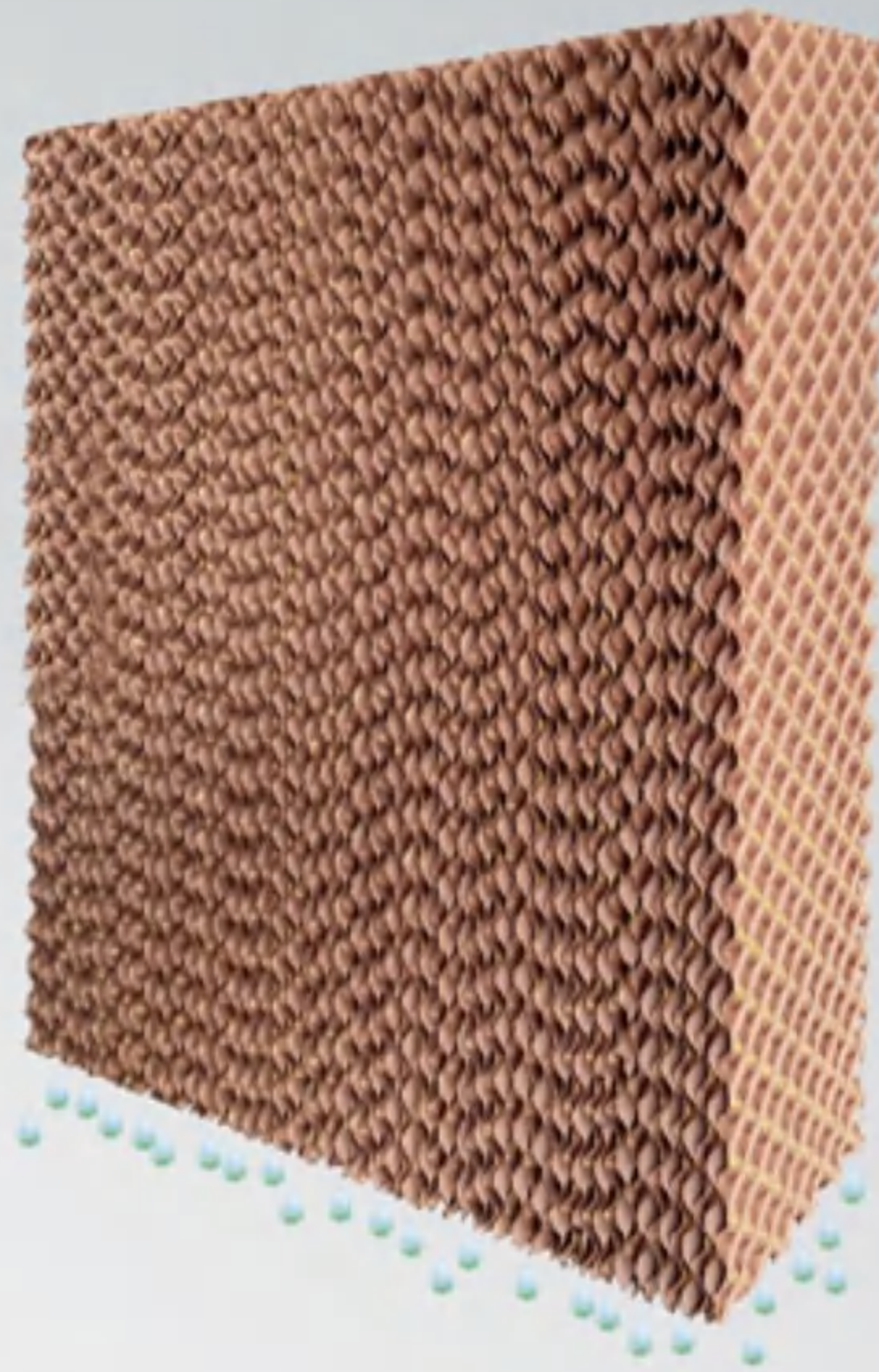
Air velocity of 1.5 m/s , water volume surface of 120 (min · m²) , 12Pa



Paper Cooling Pad

- Special corrugated paper treatment ensures high structural strength, corrosion resistance, and long service life
- Excellent permeability and water absorption for uniform water distribution across the entire pad surface
- Three-dimensional spatial structure maximizes evaporative surface area for optimal heat exchange
- Frame options: PVC, aluminum alloy, or galvanized sheet

Cooling Principle: The cooling process occurs within the Farmjoy evaporative cooling pad core. A thin water film on the corrugated fiber paper surface absorbs heat from outdoor dry air drawn through by fans, evaporating into water vapor. The resulting cool, humid air enters the facility—a natural process similar to wind blowing over water.



Green evaporative cooling pad



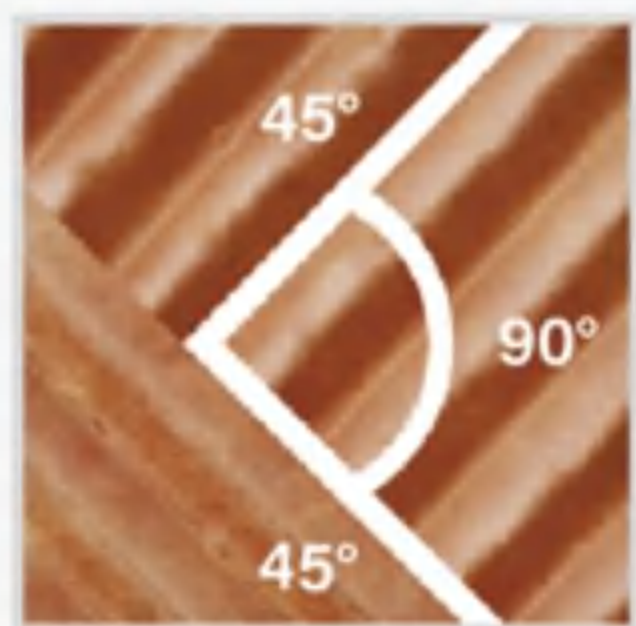
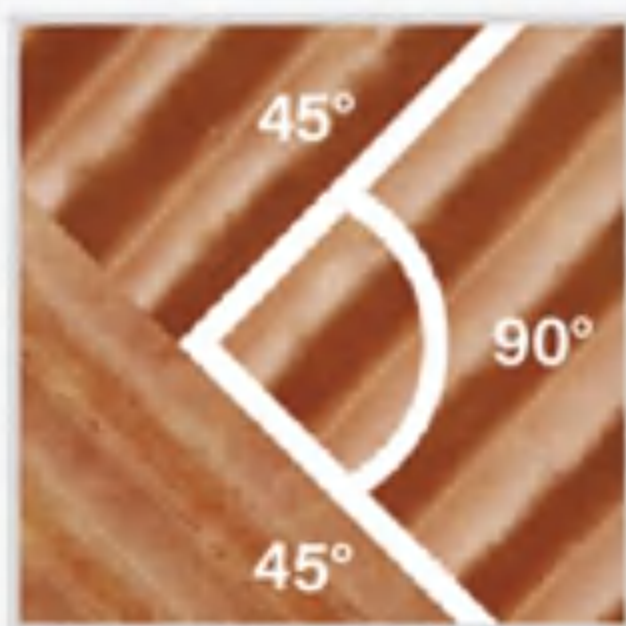
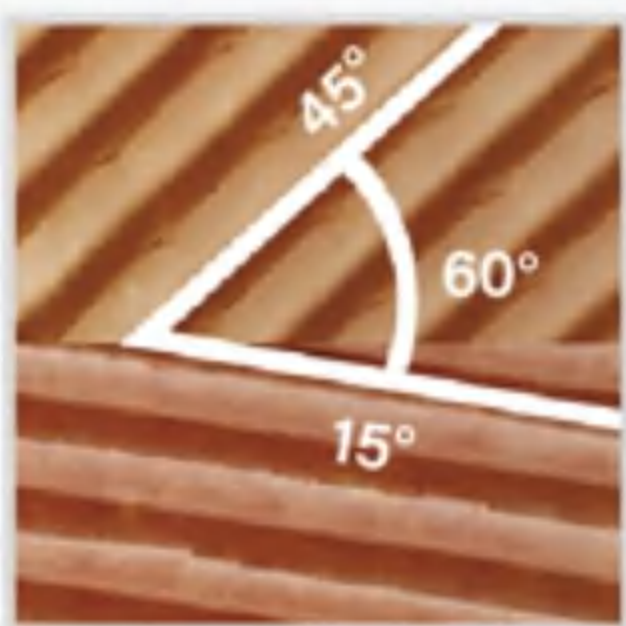
Brown evaporative cooling pad



Black evaporative cooling pad

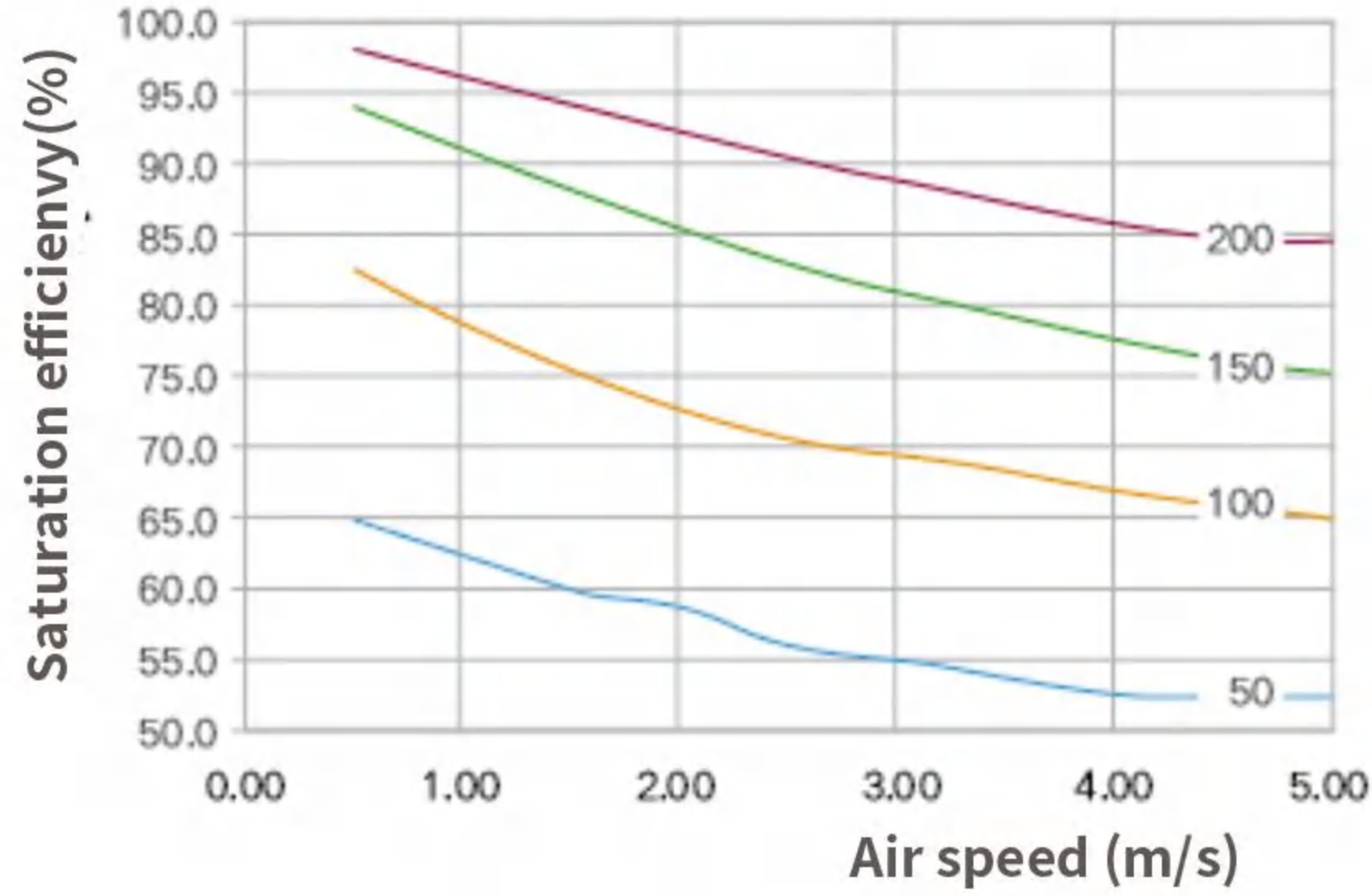
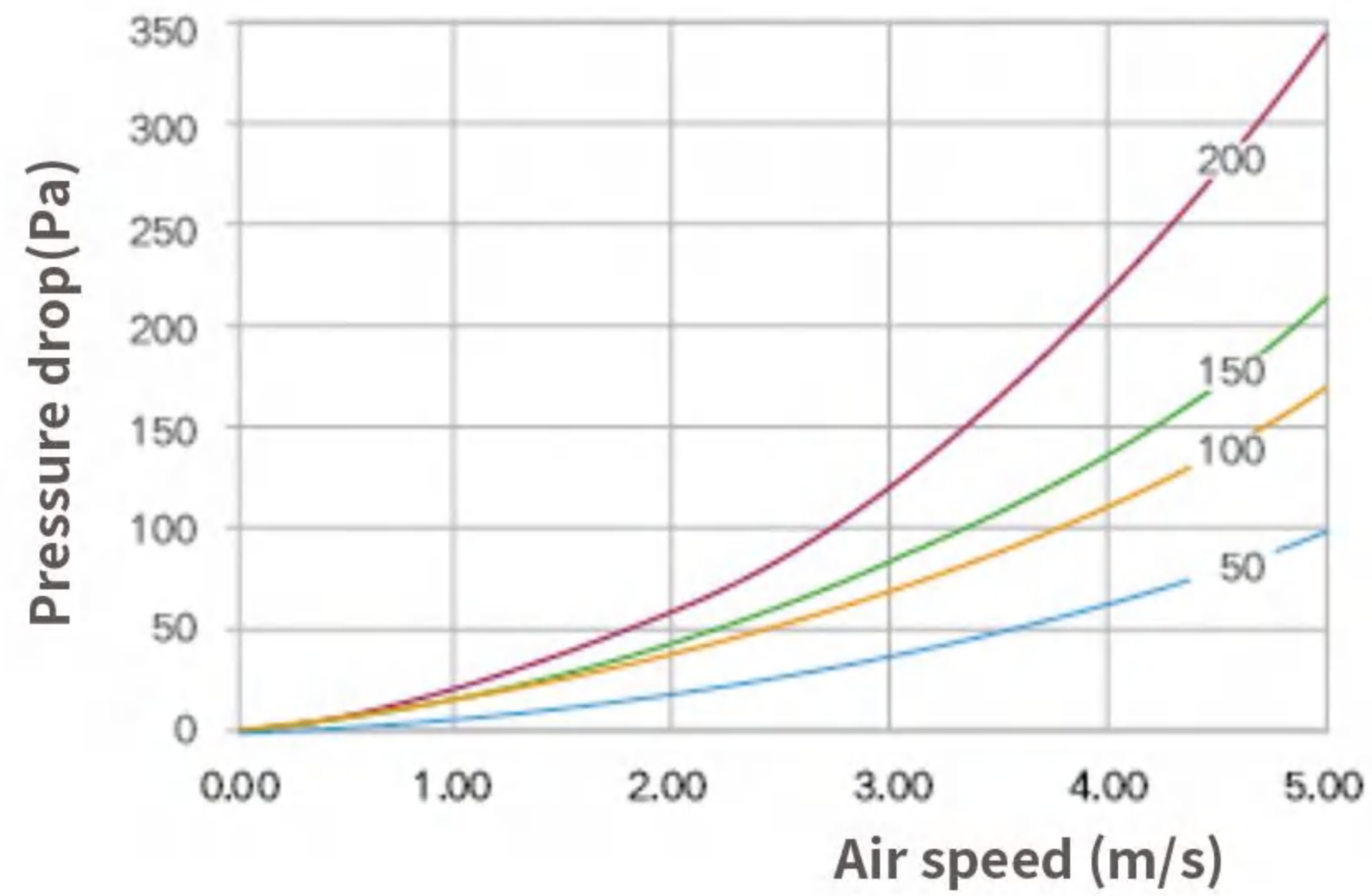
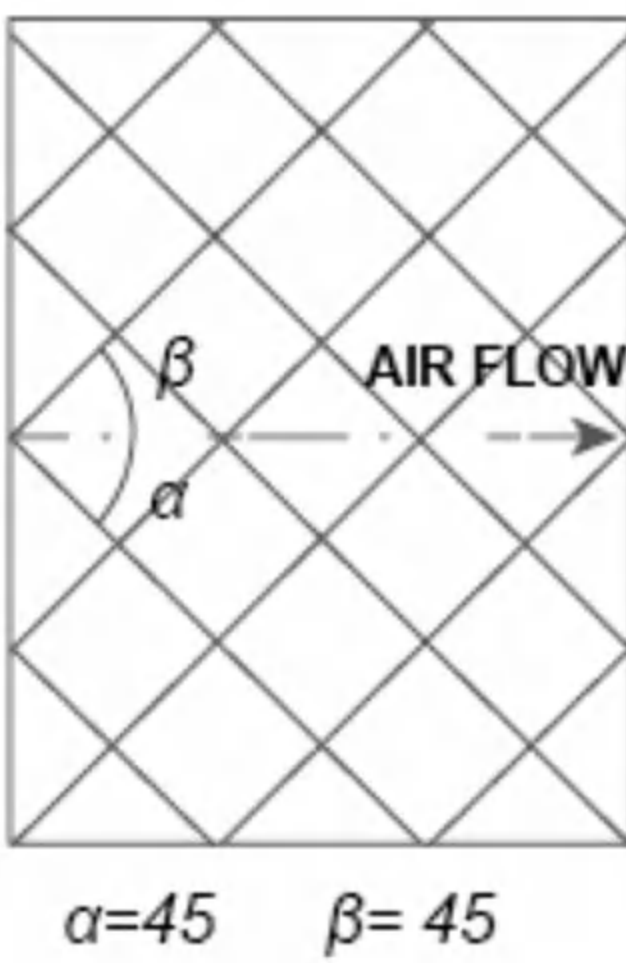
Product specifications

Model	Height(mm)	Width(mm)	Thickness(mm)	Aperture	Angle
7090	1500/1800/2000/Customization	300/600/Customization	100/150/200/Customization	7mm	45°/45°
7060	1500/1800/2000/Customization	300/600/Customization	100/150/200/Customization	7mm	15°/45°
5090	Customization	Customization	Customization	5mm	45°/45°



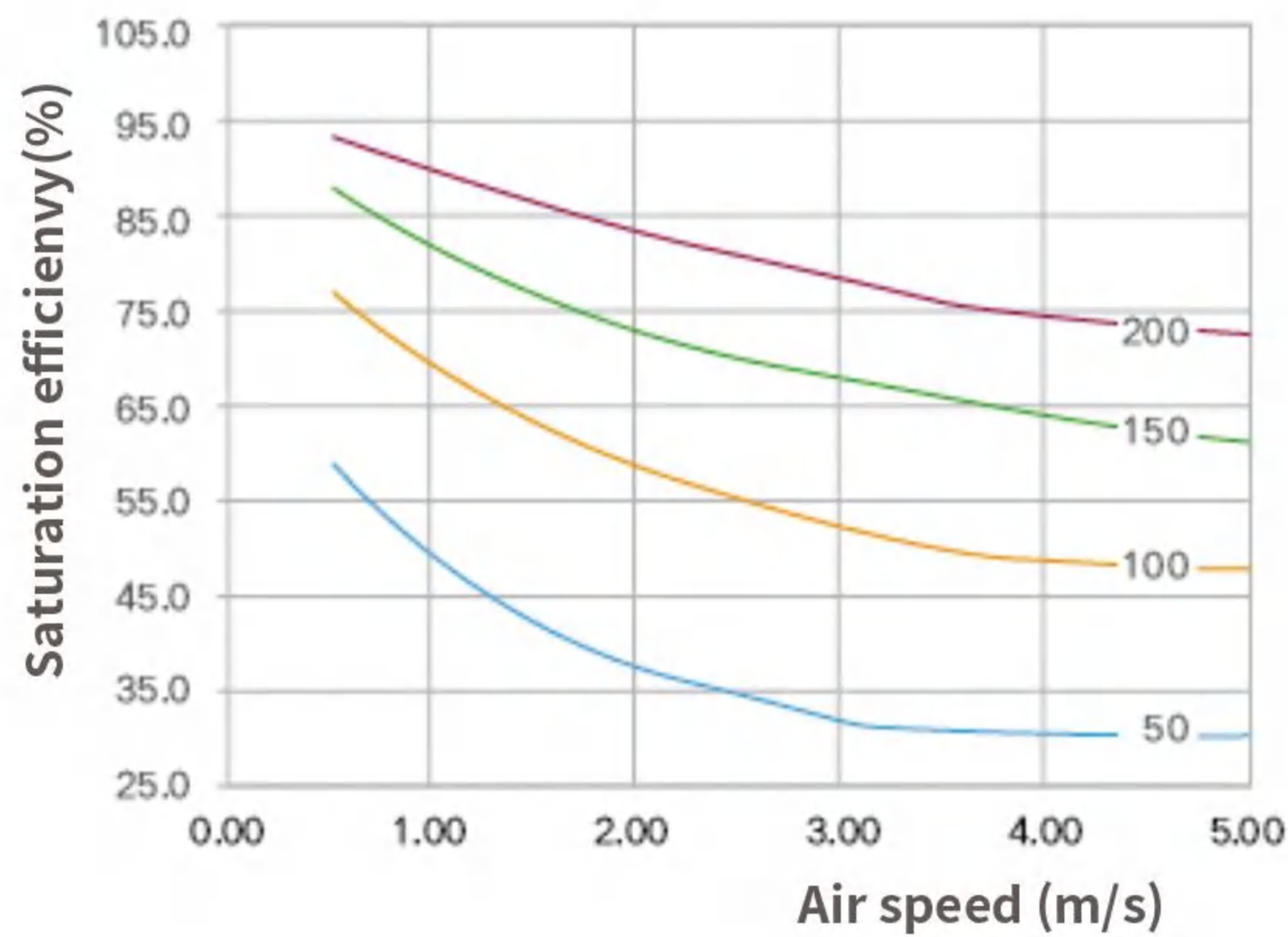
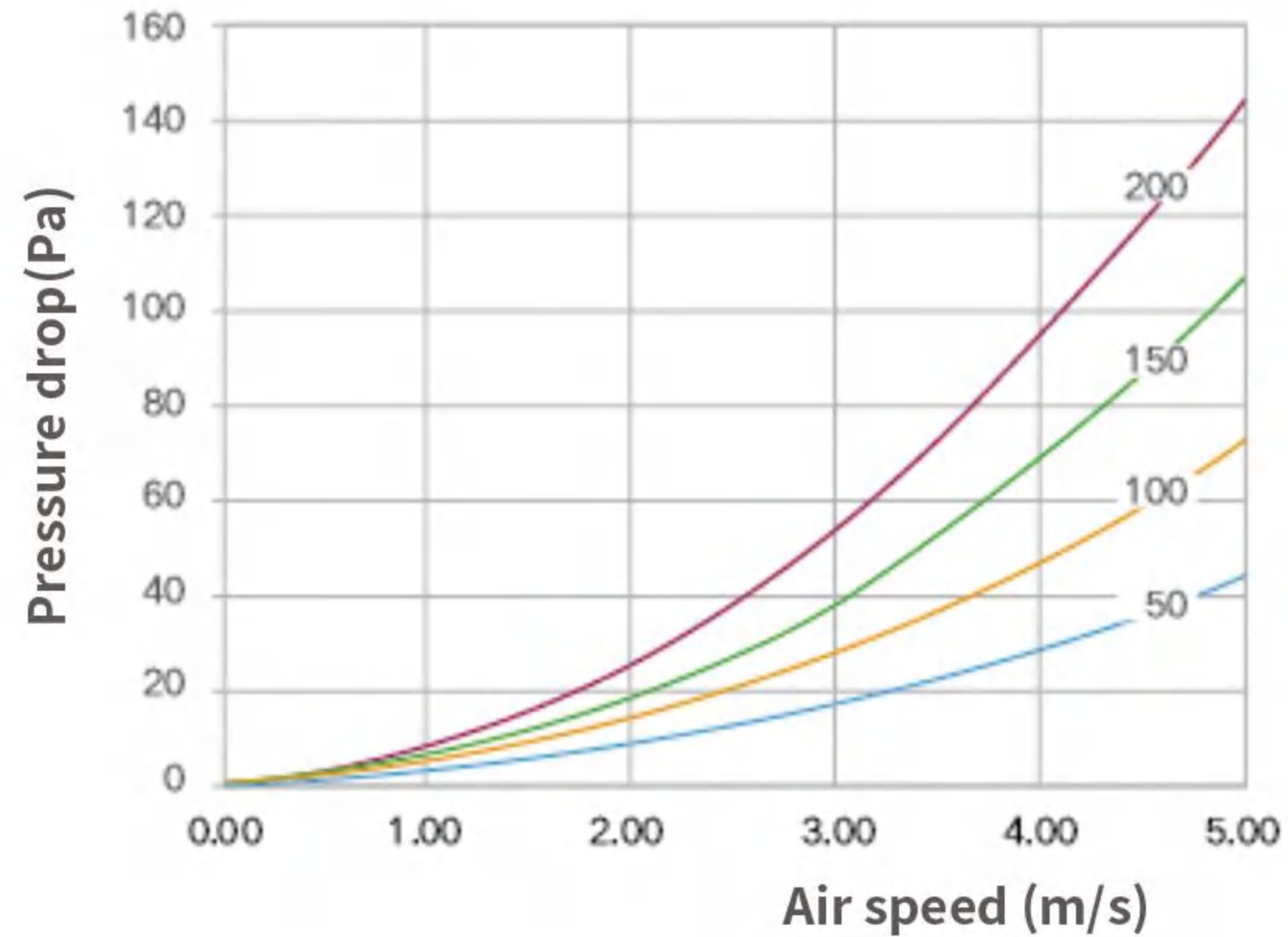
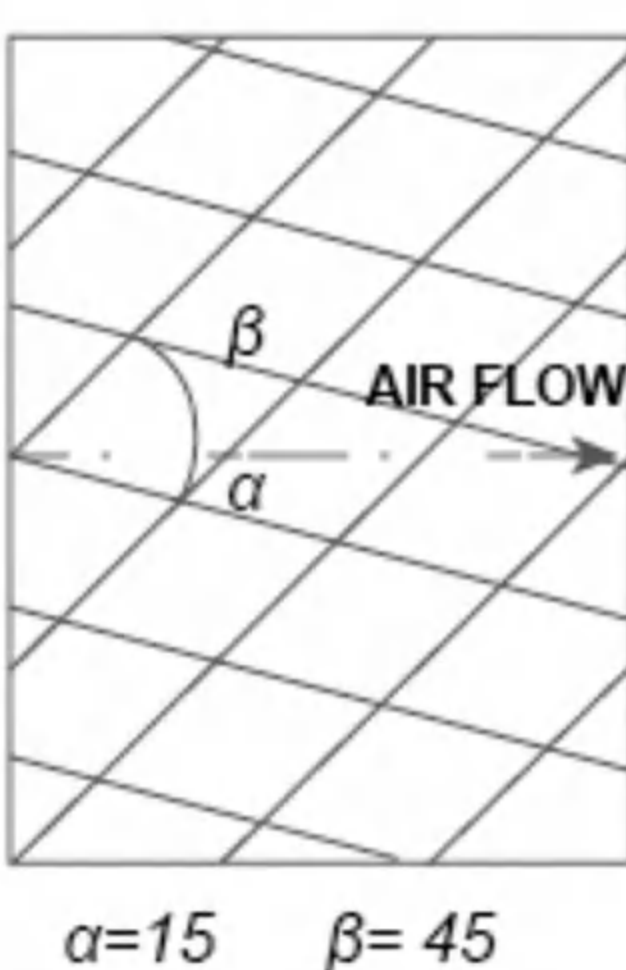
1 TYPE 7090/45/~7

Suitable for application conditions where a good balance between humidification efficiency and pressure drop is required.



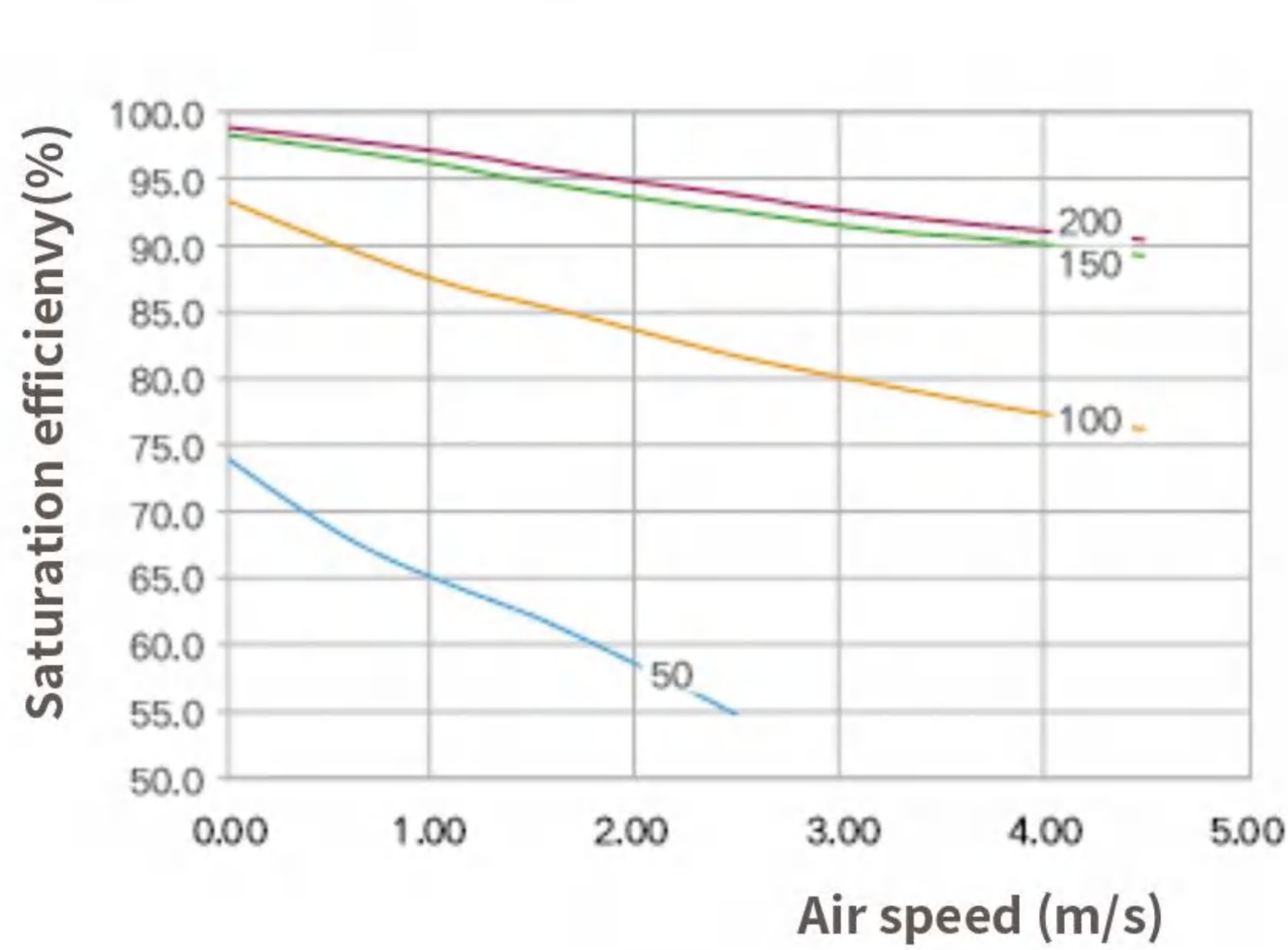
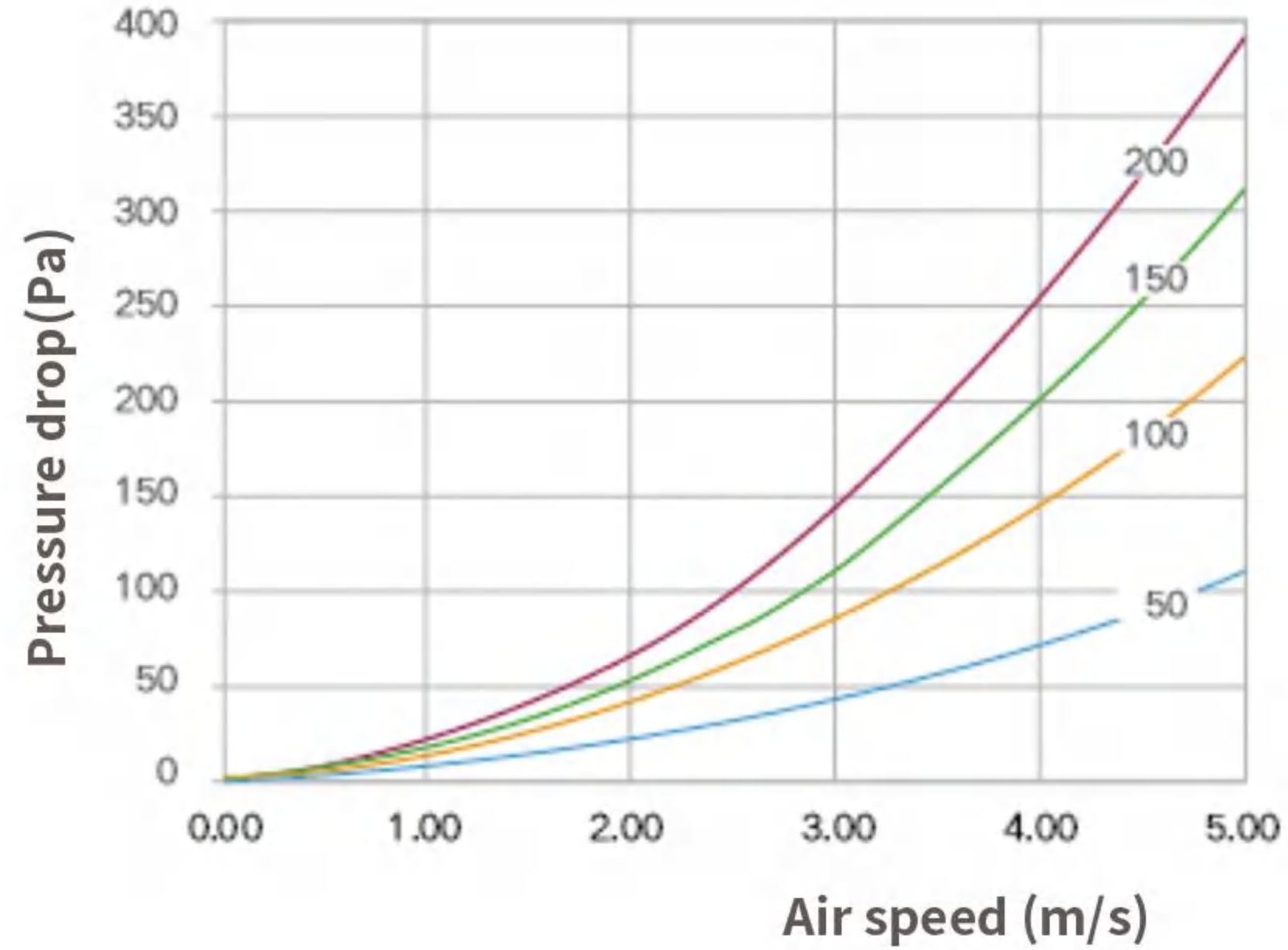
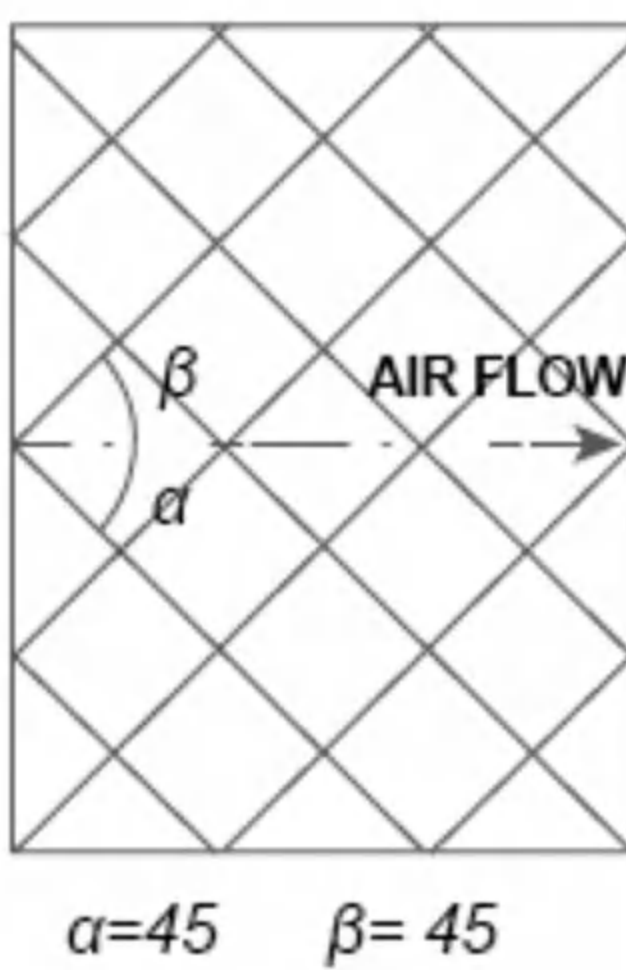
2 TYPE 7060/1545/~7

Particularly suitable where low pressure drop as well as reasonable humidification efficiency are required.



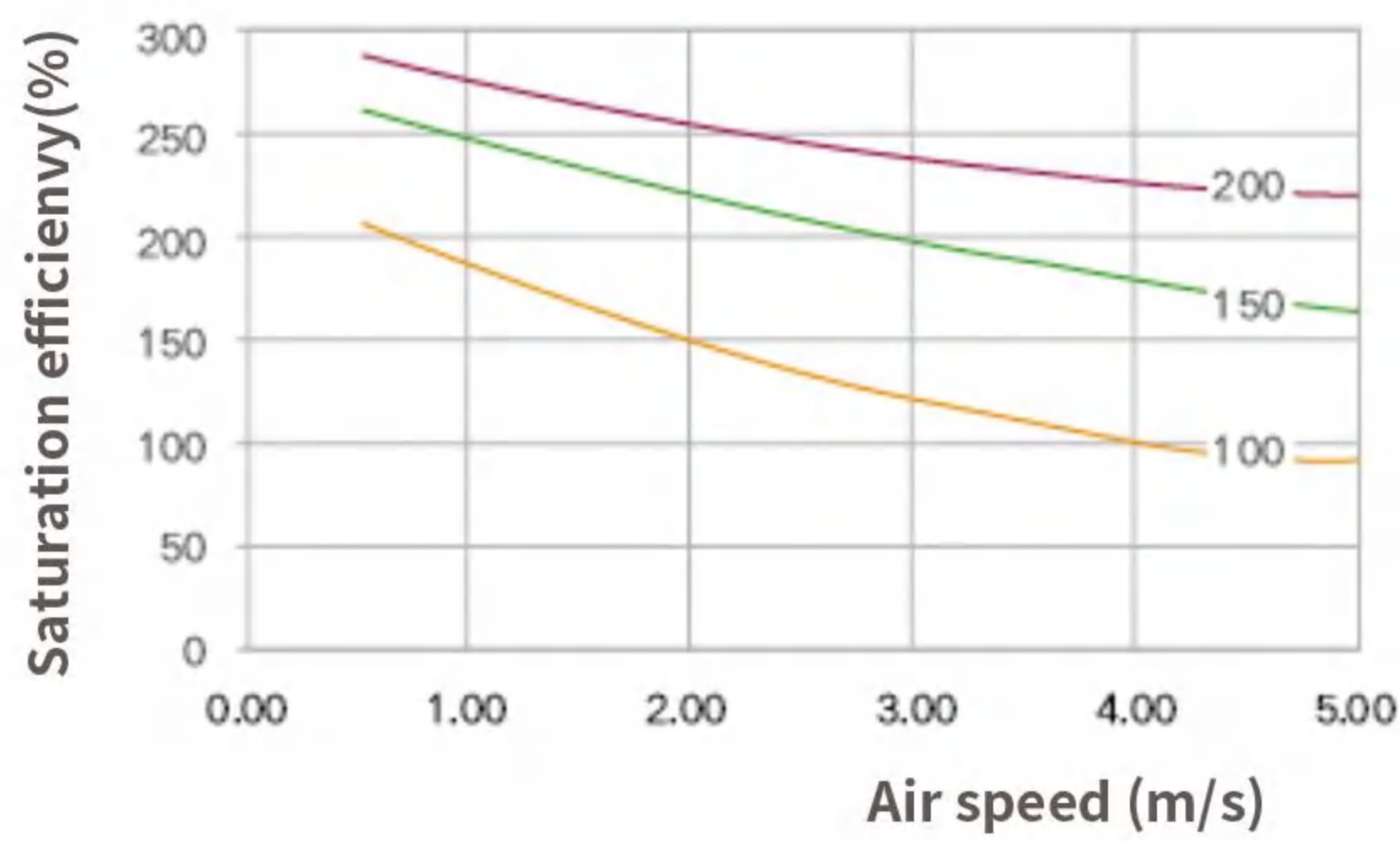
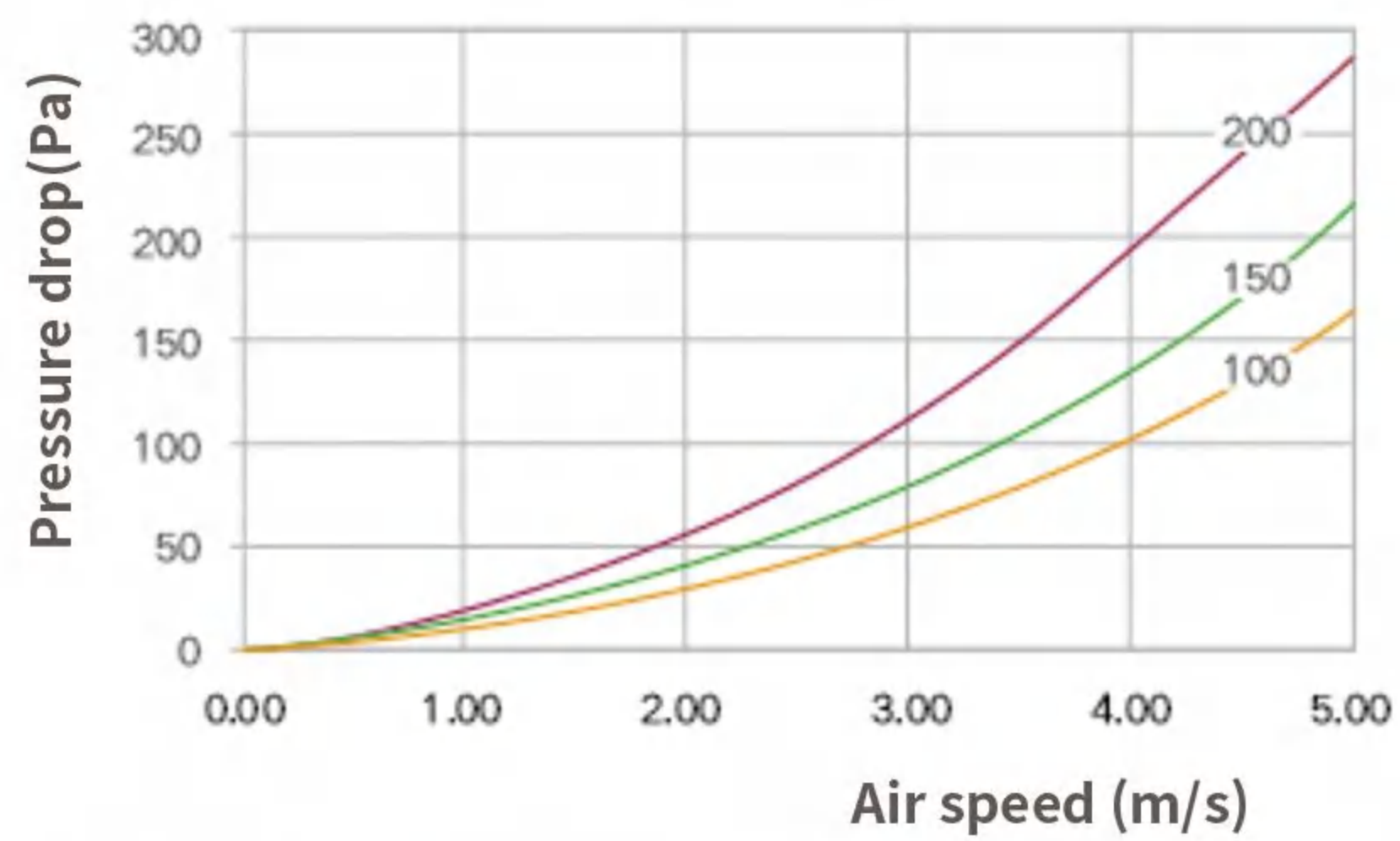
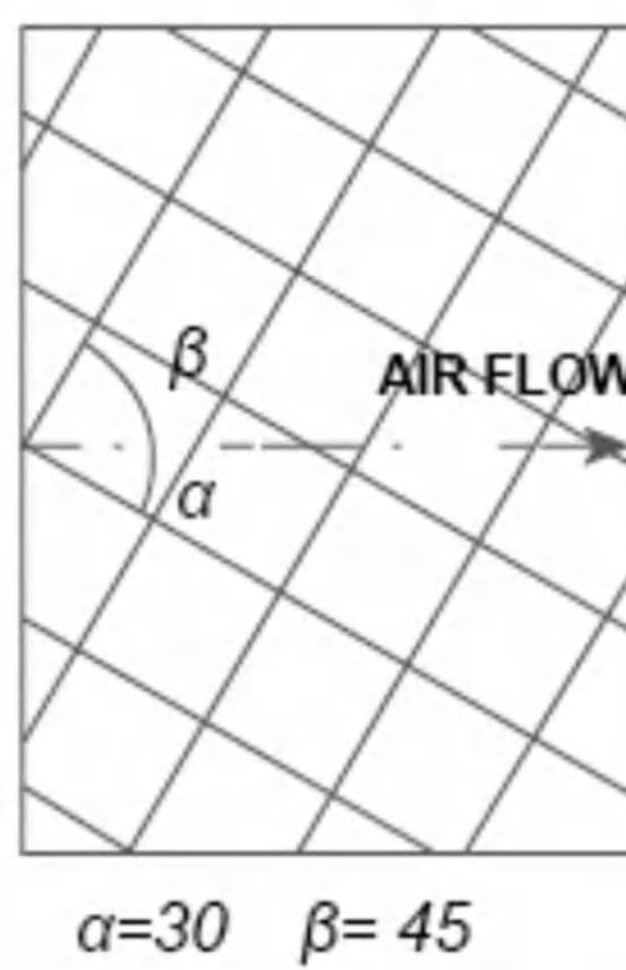
3 TYPE 5090/4545/~5

Suitable for application conditions where a good balance between humidification efficiency and pressure drop is required.



4 TYPE 7090/3060/~7 (version available on request-MoQ required)

Suitable for application conditions where a good balance between humidification efficiency and pressure drop is required.



Note: risk of drops ejection in case of air speed through the pads > 3 m/s.

Air Scrubber



Deodorization gutter

Quick installation & easy construction

Quick on-site installation saves shipping costs and construction time. The mobile system minimizes waste and reduces overall construction costs compared to traditional infrastructure.

New raw materials

Resistant to acids, alkalis, and chemical erosion—corrosion-free performance.



Fine workmanship

resistant to impact and impact
Durable plastic deodorizing water tank with excellent bending resistance and impact toughness prevents breakage and damage.

Save construction costs

Reduces labor costs by 2-3 times compared to brick or concrete tanks.free performance.

Scrubber Packing



Deodorizing filter material

The stable and efficient operation of the deodorization system depends on the filter material, particularly its structural design, raw material characteristics, and processing technology maturity.

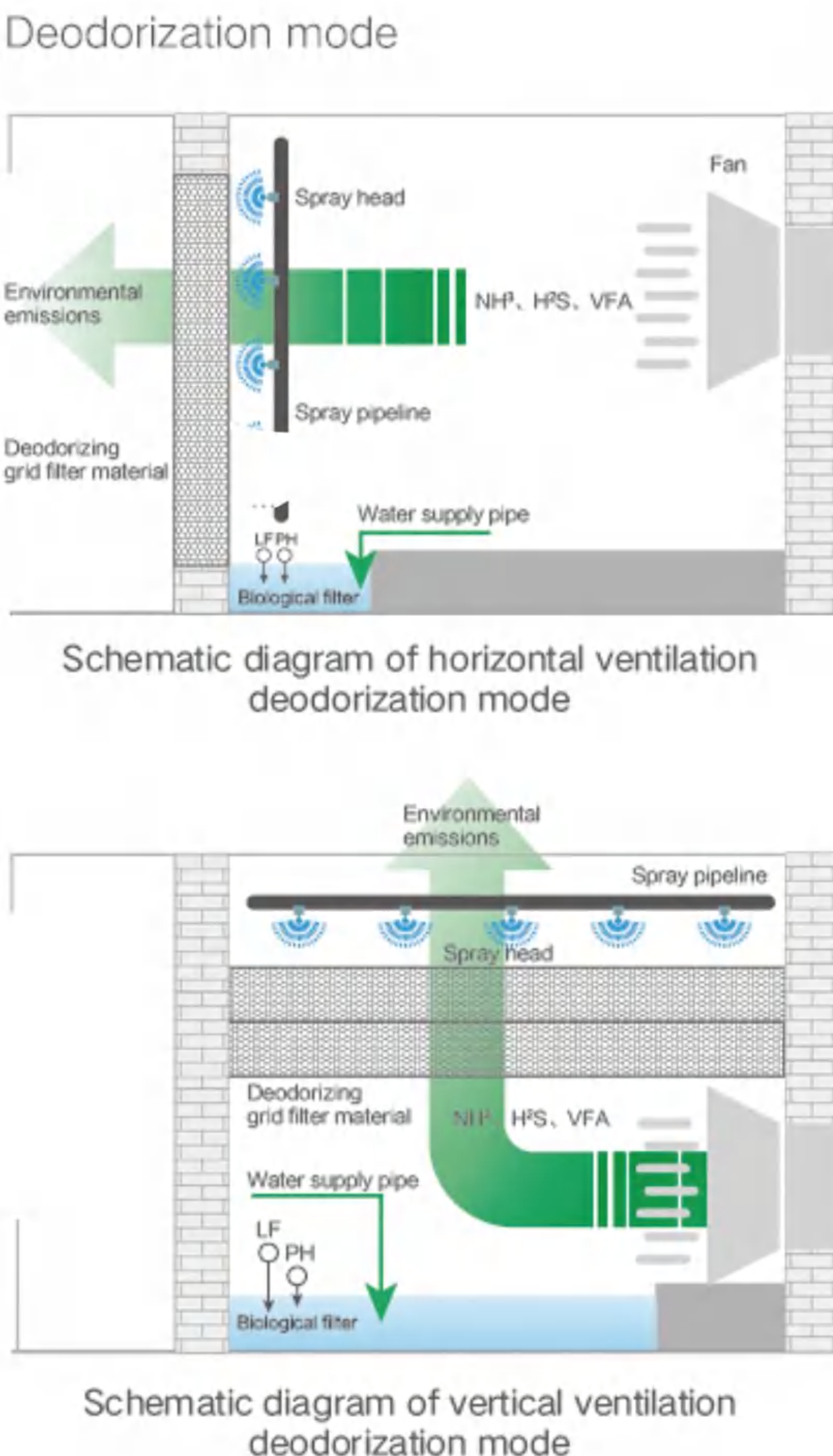
Core functions

Multilateral Structure After extensive testing, the filter adopts a superimposed multilateral structure offering excellent hydrophobicity, moisture retention, and air permeability.

Stable Polymer Material Made from high-strength copolymer PP polymer with aging resistance, acid and alkali resistance, corrosion resistance, and flame retardancy.

One-Time Stamping Process Manufactured using advanced high-temperature stamping for solid structure, strong pressure resistance, smooth surface, and easy cleaning.

Entry Name	Parameter
material quality	PP
Overall height	600mm and 908mm
Assembly requirements	Snap fit in place
Specs	Thickness: 450mm and 250mm
Density	21.3kg/m³
Working temperature	-40℃~90℃
Working humidity	Humidity has no effect
Yield stress	35.73
Heating change rate	<0.2%
Vicat softening temperature	148℃
Heat resistance	No embrittlement within 24 hours at 112℃
Flame retardancy	V0 level V2 level non flammable
Falling hammer impact	6.86/7.61
By means of	Sloping channel with splashing droplets
Channel width	20mm
Specific surface area	125m²/m³
Porosity	>97%
Gas-liquid ratio	0.1-0.3L/m³, 1.5m/s win
service life	>20 years

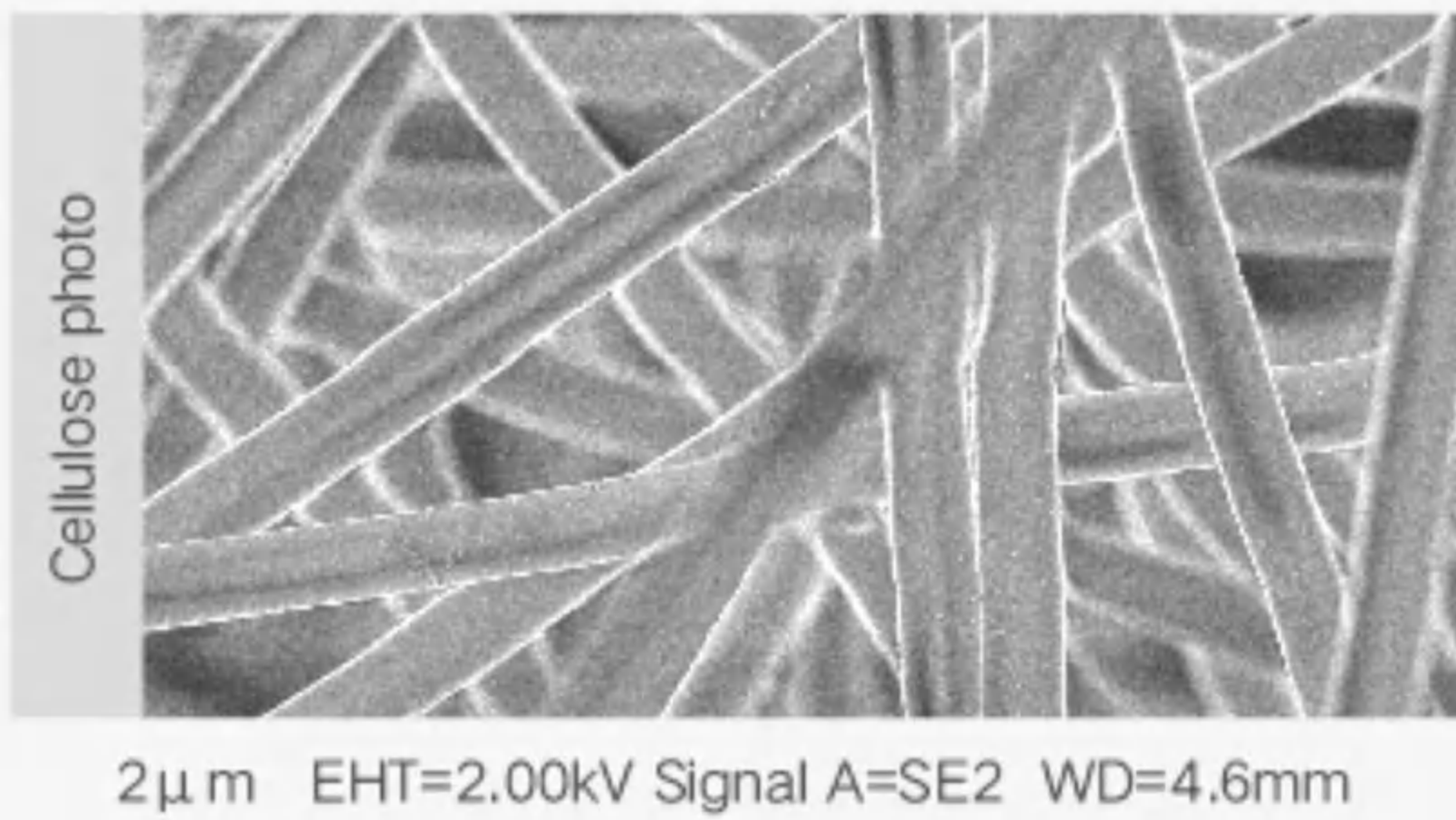


Air Filtration Solution For Farms



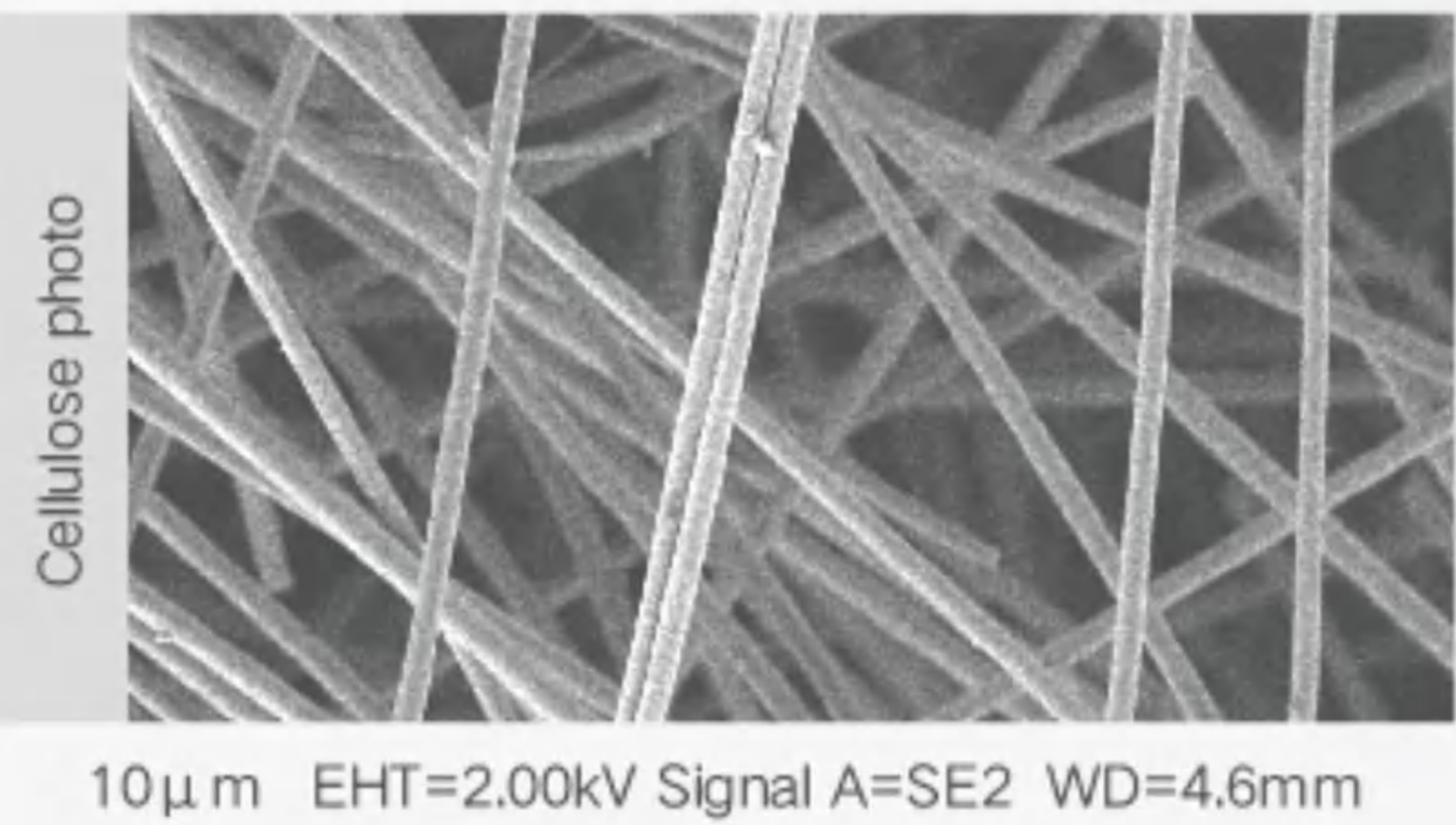
G4 folding pre filter

Type: Pleated Pre-Filter with Paper Frame
 Filter Material: Cotton Fiber Blended Material
 Frame Options: Galvanized steel / Aluminum alloy / High moisture-resistant cardboard
 Suggested Final Resistance: 250Pa
 Operating Temperature: Max 80°C
 Moisture Resistance: 90% RH



Sub efficient filter 4V

Type: Sub-Efficient Filter 4V
 Filter Material: Glass Fiber Filter Paper
 Frame: ABS Plastic Assembled Frame
 Partition: Hot Melt Adhesive
 Sealing: Polyurethane
 Suggested Final Resistance: 500Pa
 Operating Temperature: Max 90°C
 Moisture Resistance: 90% RH



G4 folding pre filter technical parameter

Series	Width*Height (mm)	Depth (mm)	Filter classification			Operating air flow (CMH)	Initial pressure drop (Pa@1.0m/s)	Net weight (Kg)
			ASHRAE (52.2-1995)	EN779: 2012	ISO16890: 2016			
Wusen-G4	592*592	45	MERV8	G4	92%	1000	16	0.6

Series	Width*Height (mm)	Depth (mm)	Net weight (Kg)
Filter installation frame-70	610*610	70	2
Filter installation frame-95	610*610	95	2.8

Sub efficient filter 4V technical parameter

Series	Width*Height (mm)	Depth (mm)	Filter classification			Operating air flow (CMH)	Initial pressure drop (Pa@1.0m/s)	Net weight (Kg)
			ASHRAE (52.2-1995)	EN779: 2012	ISO16890: 2016			
Wusen-4V	592*592	292	MERV15	F9	ePM1=85%	1000	23	7.2
Wusen-4V	592*592	292	MERV16	H10	95% 0.3μm	1000	30	7.3

Positive Pressure Air Filter

Product features

High Integration 4-in-1 design with built-in mosquito net, primary filtration, sub-high efficiency filtration, and fan. Compact footprint for indoor or outdoor installation.

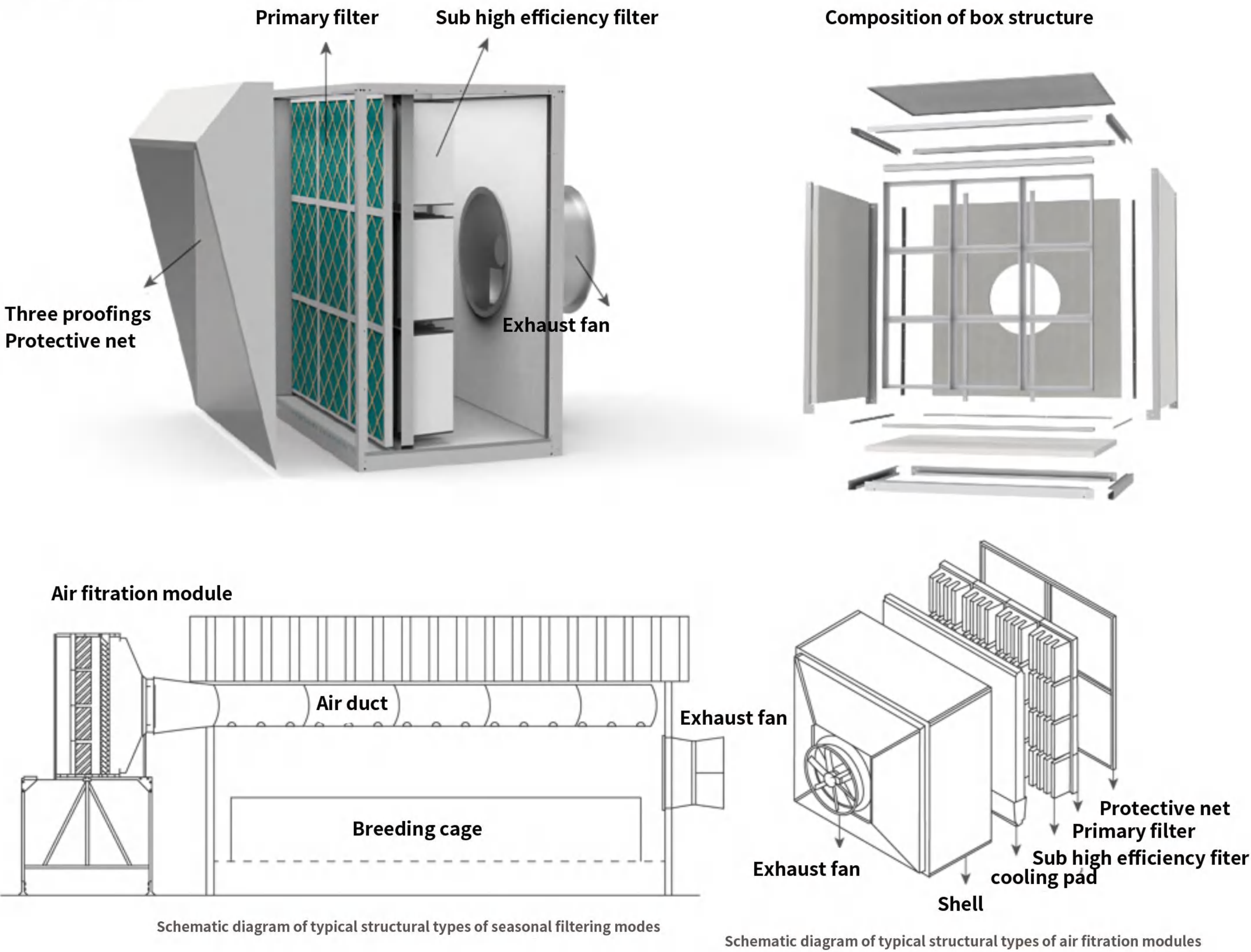
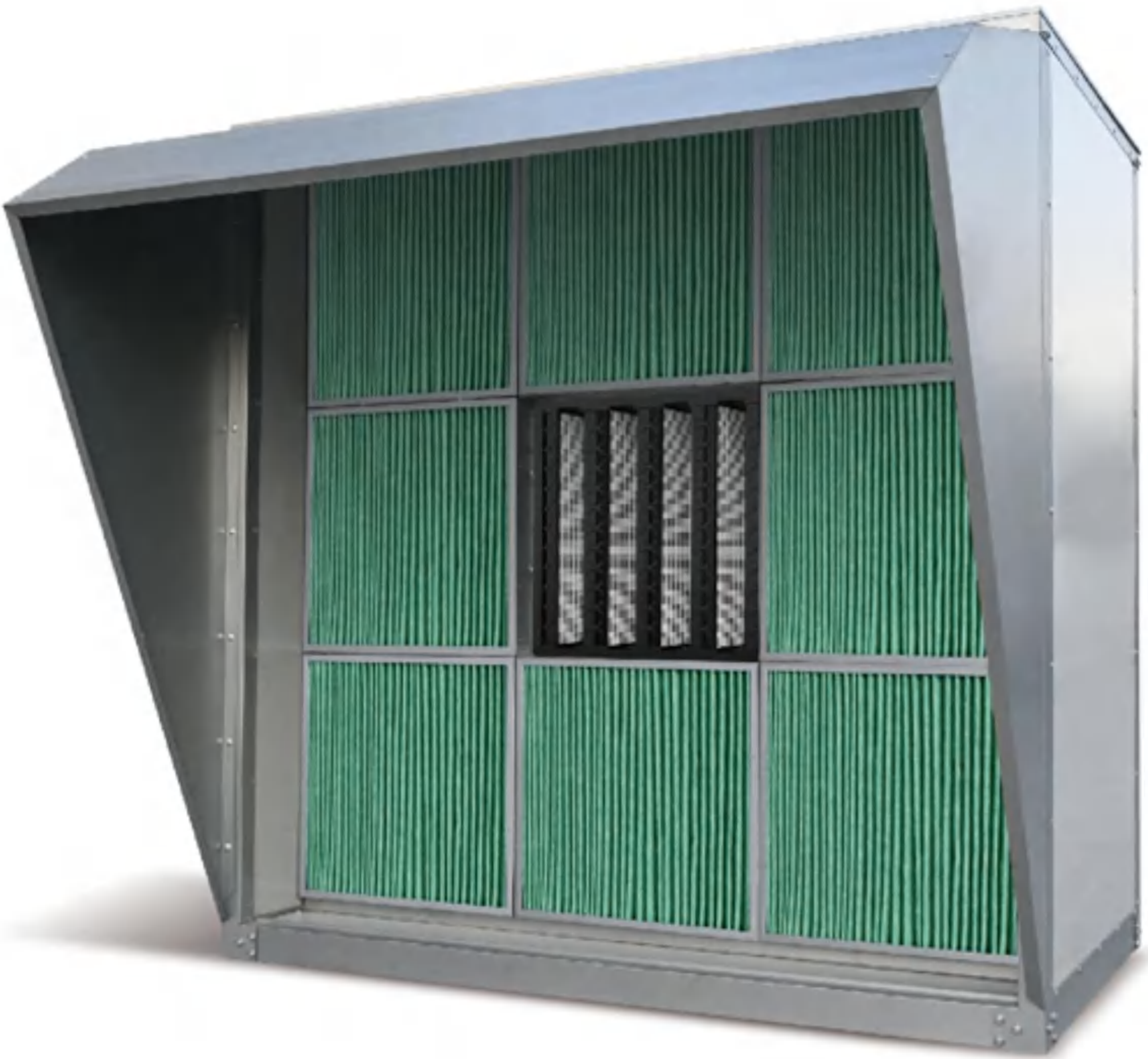
Low Maintenance Reduced operation costs while providing superior protection for pig pens.

Positive Pressure Ventilation Creates precise micro positive pressure of 15-20Pa in the pigsty, ensuring controlled airflow without drafts.

One-Way Airflow Air flows only through filtration with low sealing requirements, reducing infection risk for pigs.

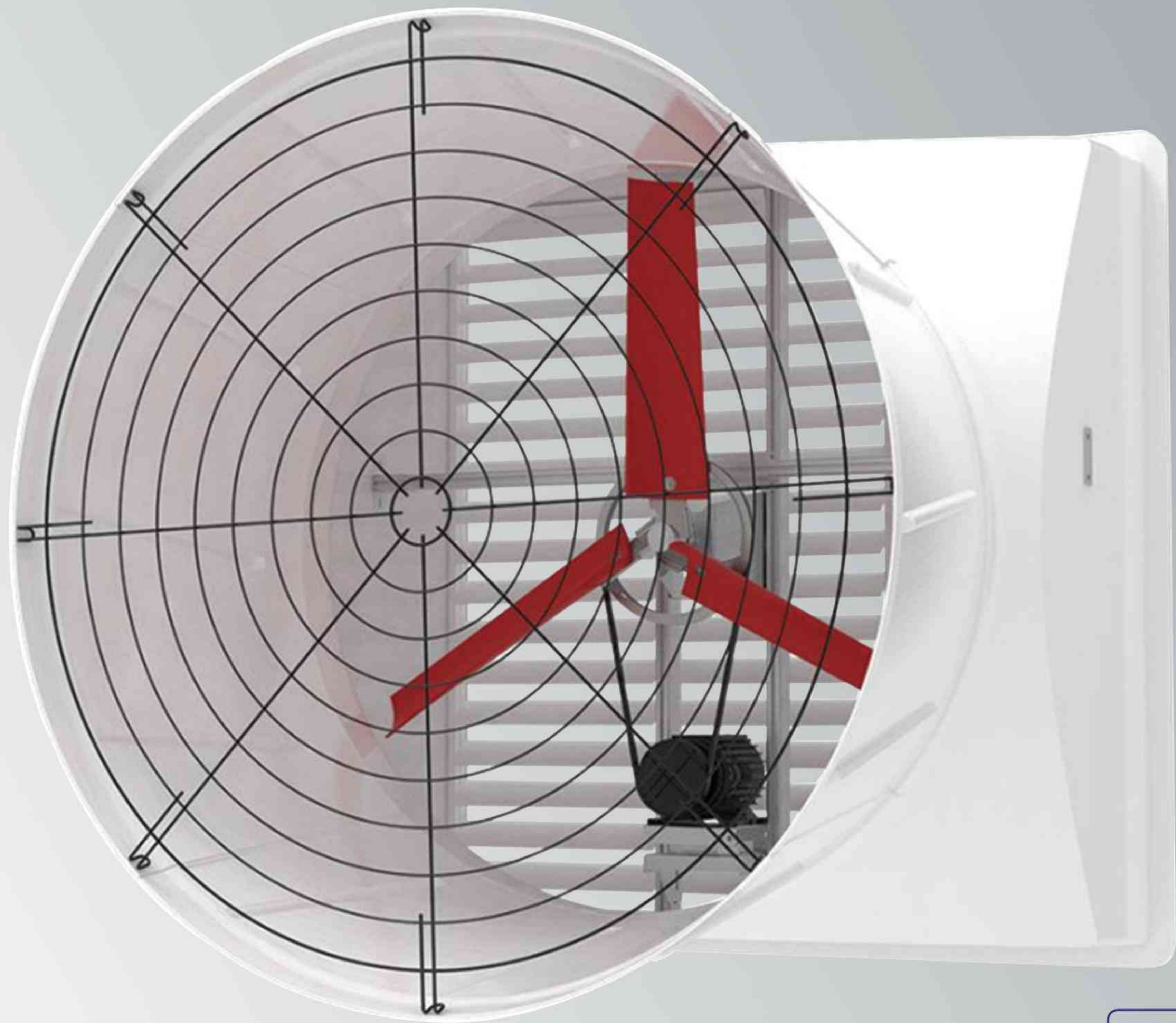
Superior Performance 20% higher ventilation rate than competitors with uniform air distribution.

Durable Design Hydrophobic filter element, cold-resistant housing with insulation, rainproof and waterproof—suitable for various farm environments.



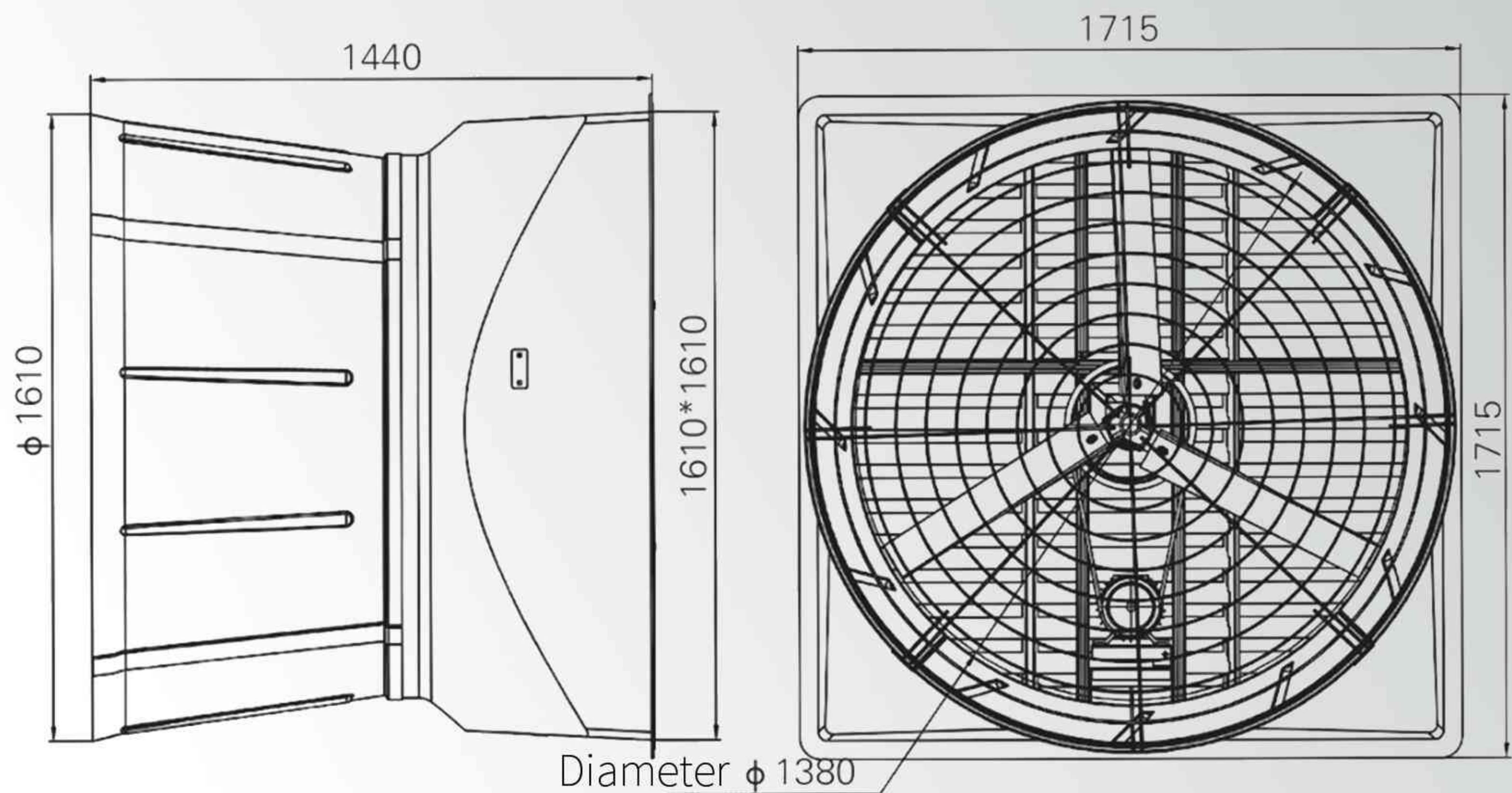
Schematic diagram of typical structural types of air filtration modules

AC Fan



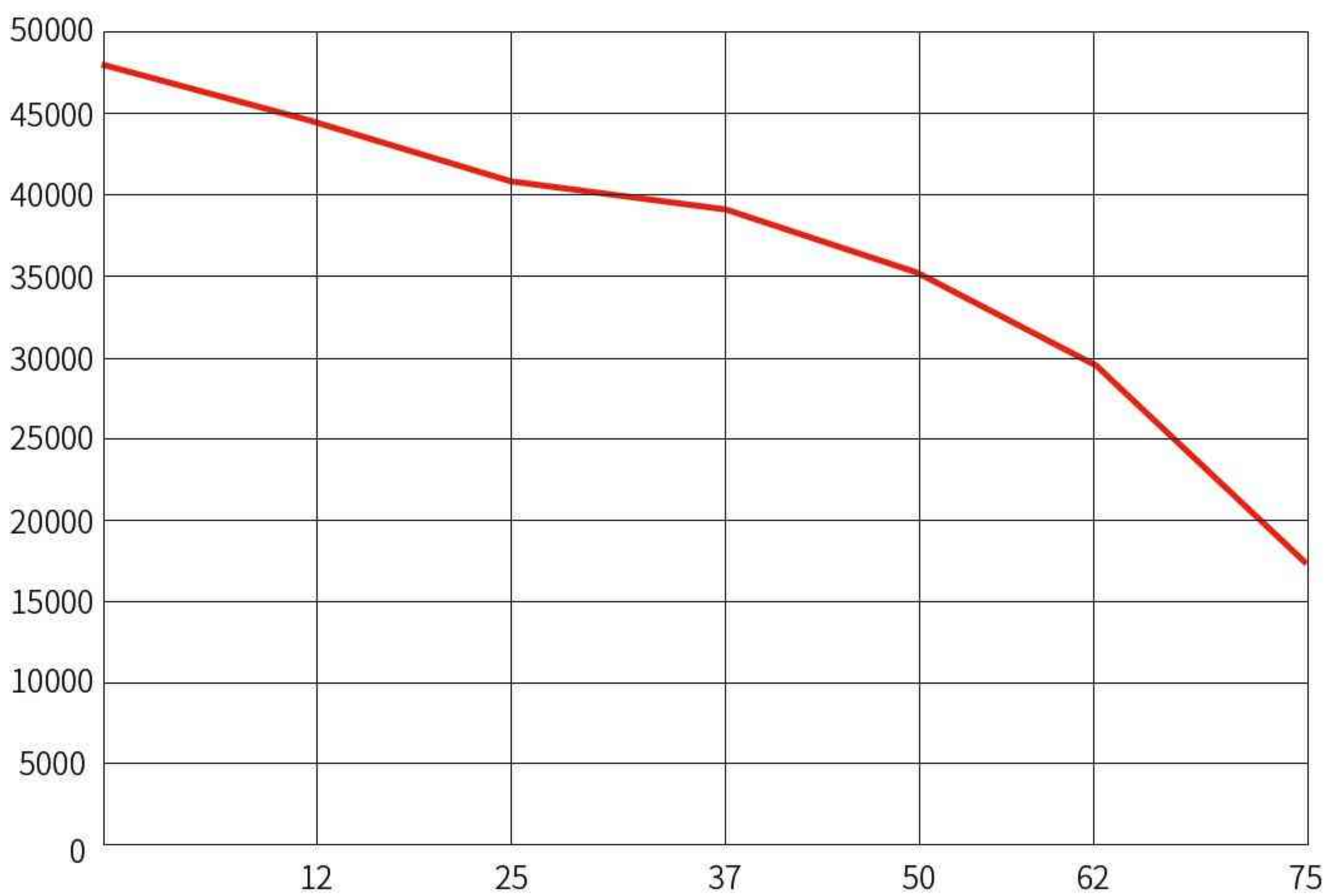
Features

All internal hardware is made of stainless steel and aluminum to ensure maximum corrosion protection.
Maximum ambient temperature of 40°C.
Heavy gauged rotomolded discharge cone, stackable for logistic advantages.
All materials are smoothly finished on both sides and protected by UV coating.



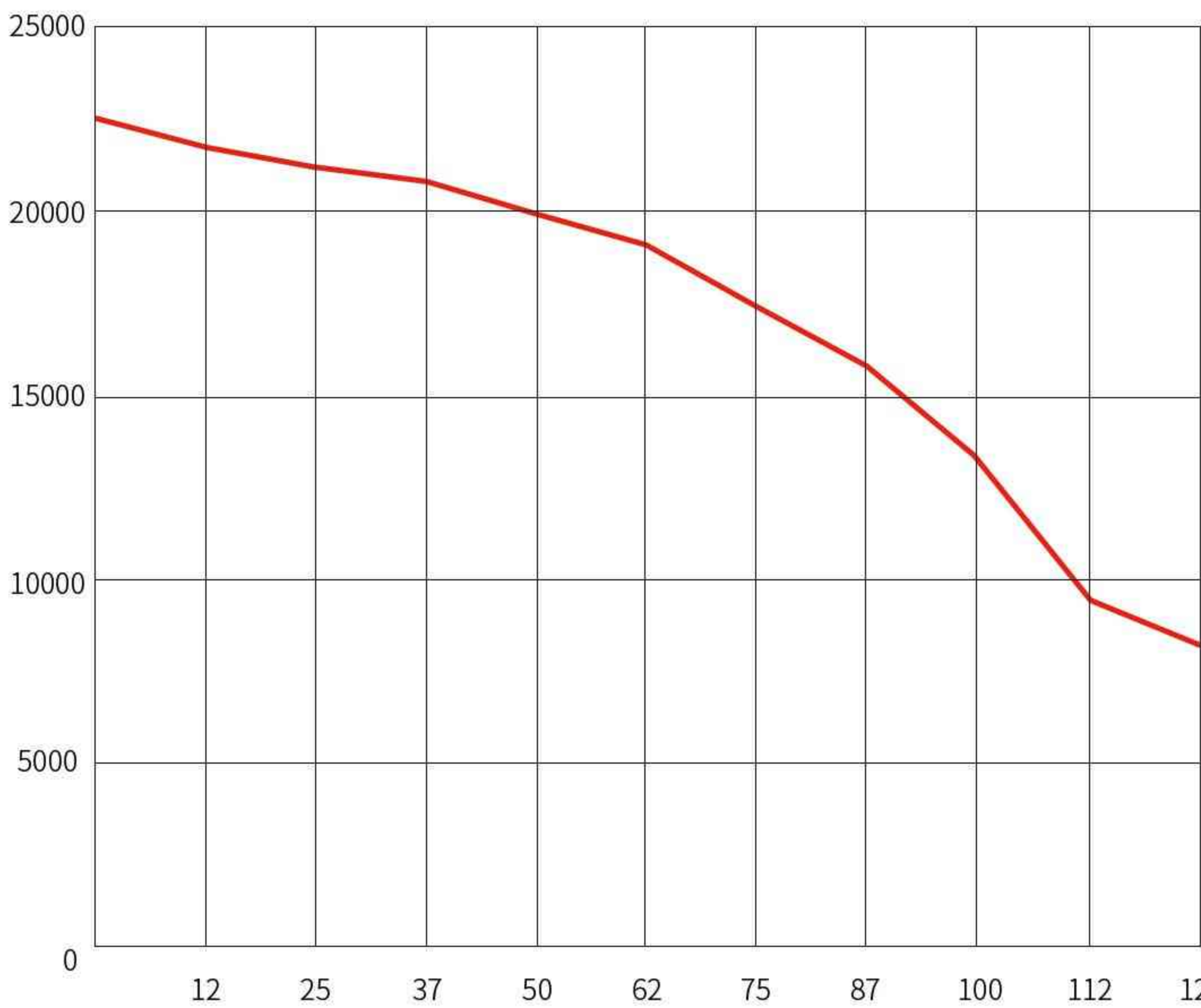
50 inch FRP Fan Performance

Pressure (PA)	Airflow (M³/H)	Current (A)	Power (W)	Eff (M³/H/W)
0	46500	2.70	1308	35.6
12	44100	2.78	1363	32.3
25	41500	2.85	1415	29.3
37	38900	2.91	1455	26.7
50	35200	2.98	1508	23.4
62	29200	2.99	1516	19.2
75	17700	2.97	1498	11.8



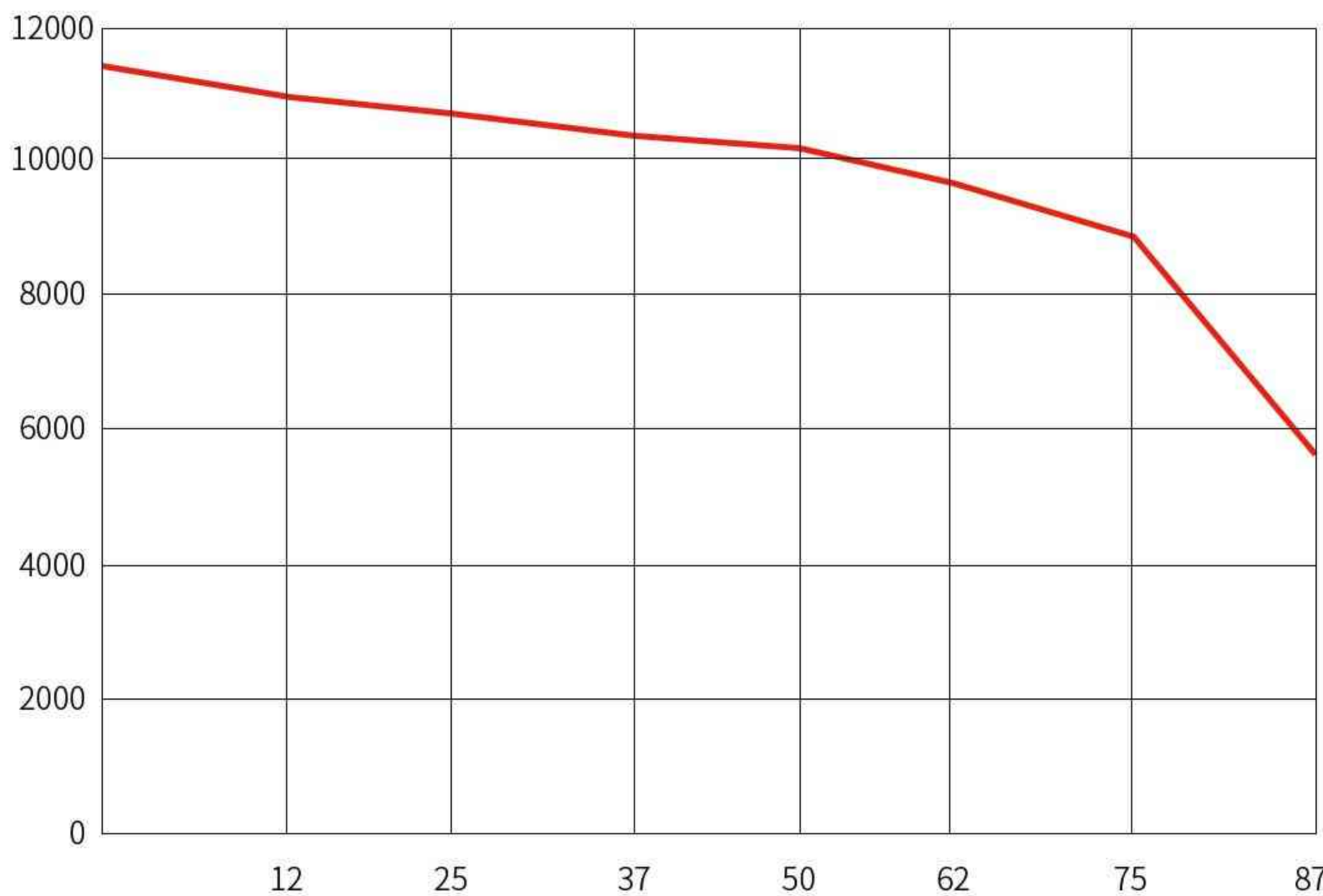
36 inch FRP Fan Performance

Pressure (PA)	Airflow (M³/H)	Current (A)	Power (W)	Eff (M³/H/W)
0	23500	1.96	818	28.7
12	22700	2.00	853	26.6
25	21800	2.05	889	24.5
37	21000	2.09	923	22.8
50	20000	2.14	965	20.7
62	19000	2.17	994	19.1
75	17800	2.20	1023	17.4
87	16400	2.21	1030	15.9
100	13900	2.20	1025	13.6
112	9900	2.21	1033	9.6
125	8300	2.28	1085	7.6

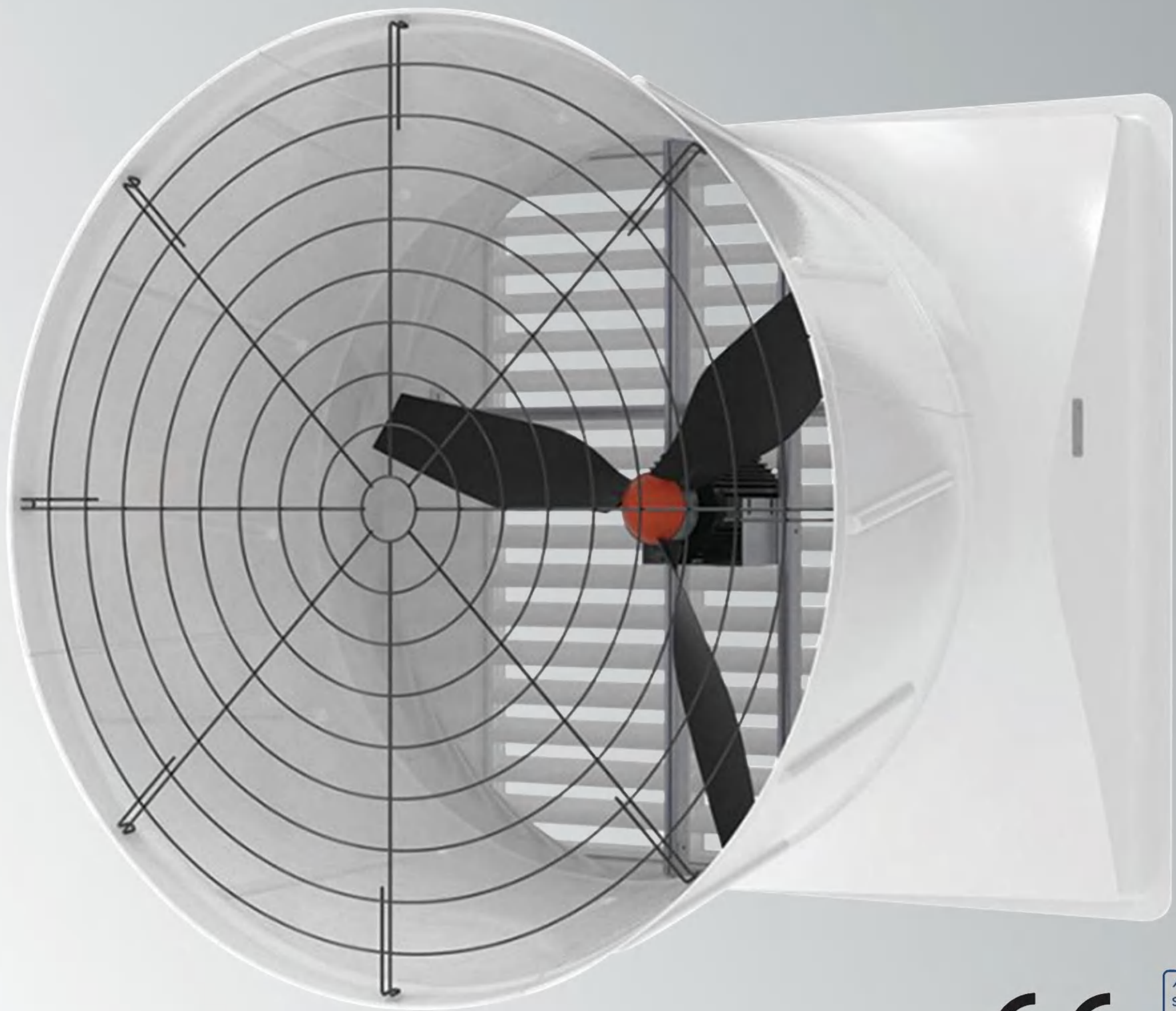


24 inch FRP Fan Performance

Pressure (PA)	Airflow (M³/H)	Current (A)	Power (W)	Eff (M³/H/W)
0	11700	1.40	579	20.2
12	11400	1.41	600	19
25	11100	1.43	613	18
37	10600	1.45	631	16.8
50	10200	1.47	645	15.9
62	9700	1.47	652	14.8
75	8700	1.45	634	13.7
87	5800	1.41	604	

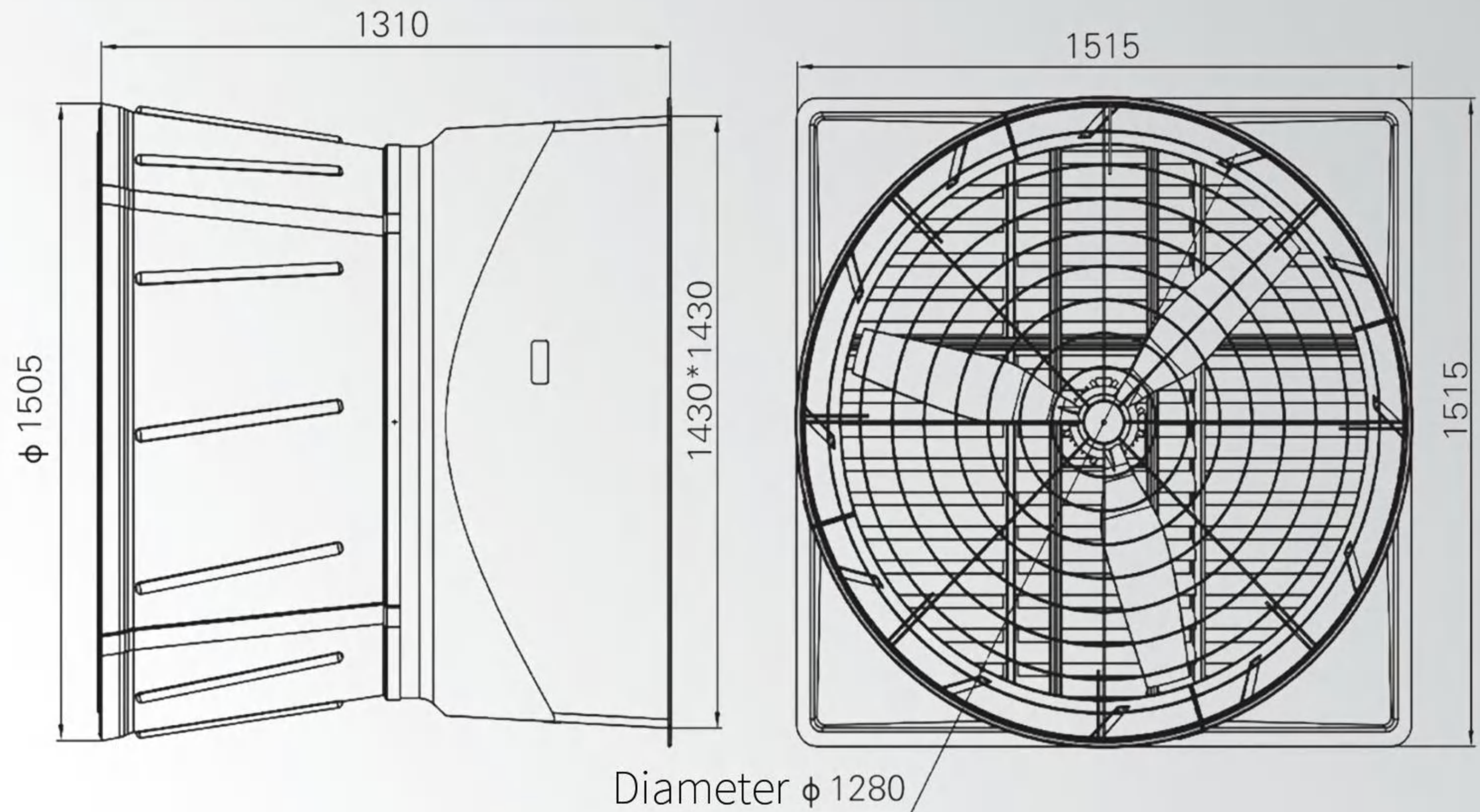


EC Fan



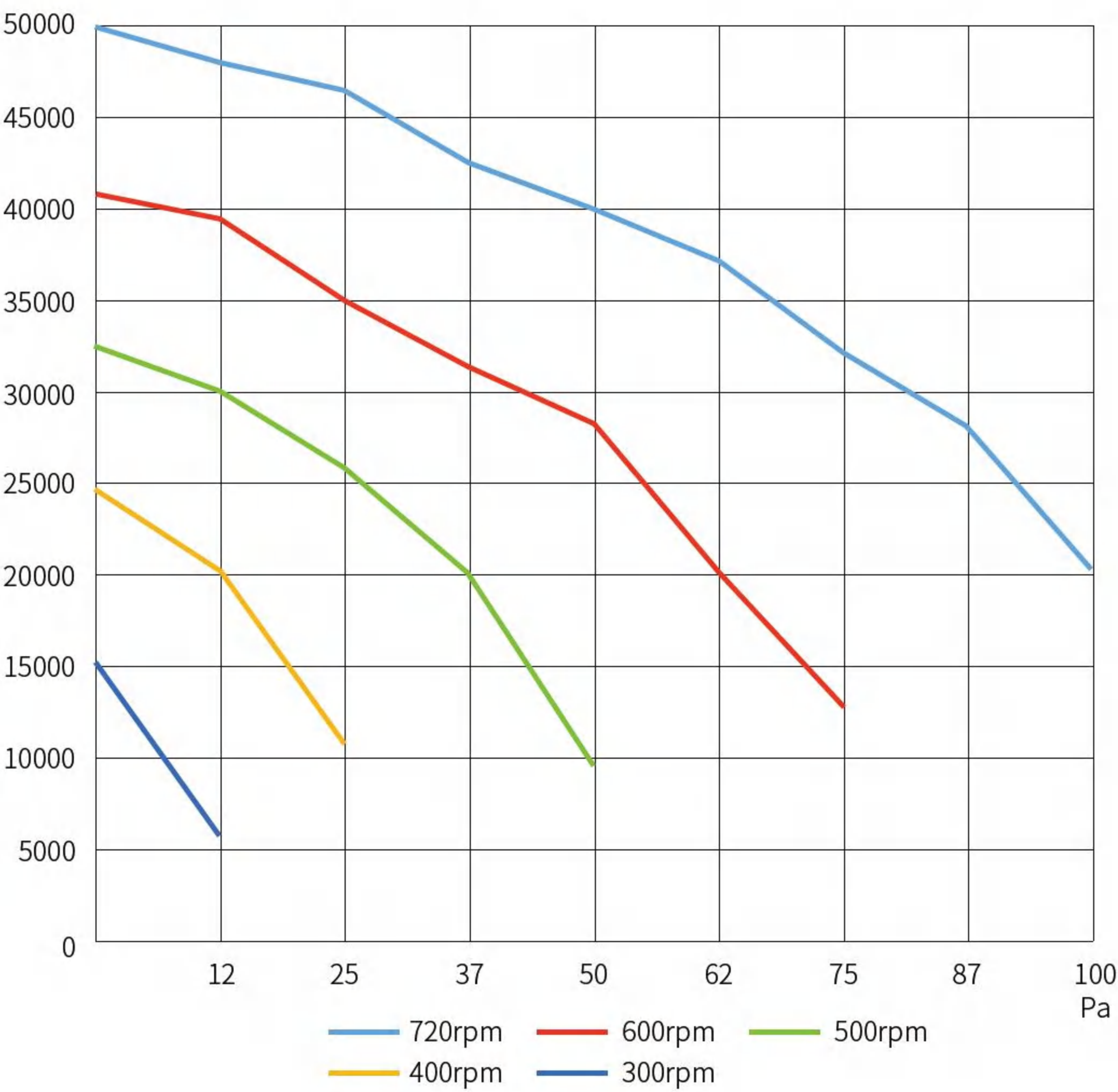
Features

- All internal hardware is made of stainless steel and aluminum to ensure maximum corrosion protection.
- Maximum ambient temperature of 40°C.
- Heavy gauged rotomolded discharge cone, stackable for logistic advantages.
- All materials are smoothly finished on both sides and protected by UV coating.



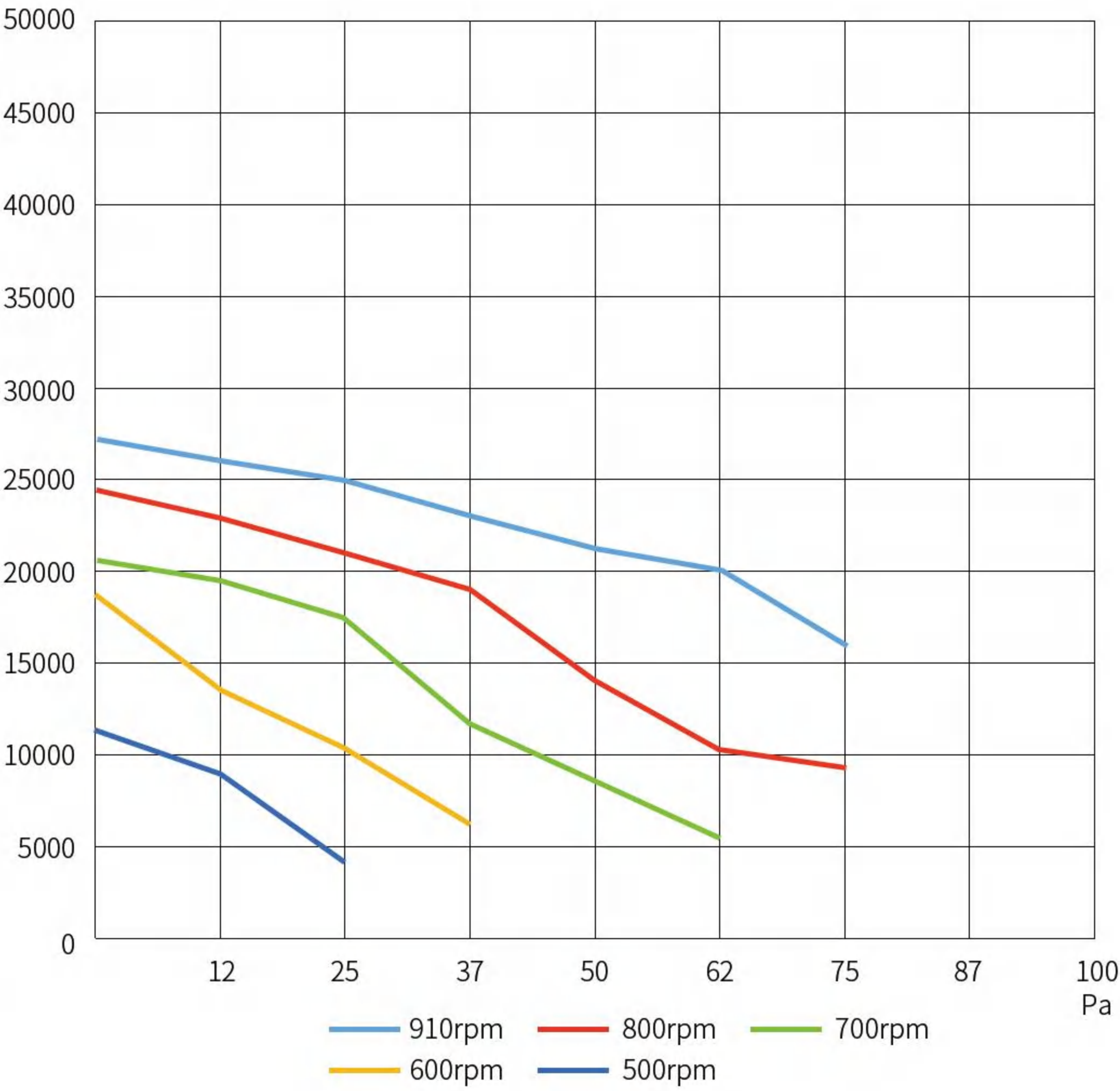
50 inch FRP Fan Performance

Speed (RPM)	Pressure (PA)	Airflow (M³/H)	Current (A)	Voltage (V)	Power (W)	Eff (M³/H/W)
720	0	50768	2.40	393	1445	35.14
	12	48583	2.48	393	1503	32.31
	25	46450	2.59	389	1564	26.69
	37	43644	2.67	390	1617	26.99
	50	40889	2.74	391	1662	24.60
	62	37812	2.81	392	1691	22.36
	75	33806	2.88	390	1702	19.87
	87	28337	2.94	390	1679	16.88
600	100	20257	2.94	391	1675	12.10
	0	41787	1.55	391	871	47.98
	12	39065	1.62	390	909	42.98
	25	35959	1.68	391	953	37.75
	37	32568	1.77	389	981	33.19
	50	27864	1.84	389	993	28.07
	62	20901	1.81	387	969	21.57
	75	13199	1.92	387	985	13.40
500	0	33934	1.05	385	516	65.81
	12	30449	1.09	386	556	54.75
	25	26090	1.13	385	569	45.82
	37	19555	1.21	387	571	34.24
	50	9595	1.30	388	289	16.28
	0	24492	0.96	387	279	87.79
	12	20121	0.68	388	298	67.46
	25	11633	0.63	390	300	38.82
300	0	15785	0.38	389	140	110.72
	12	6476	0.46	389	150	48.22



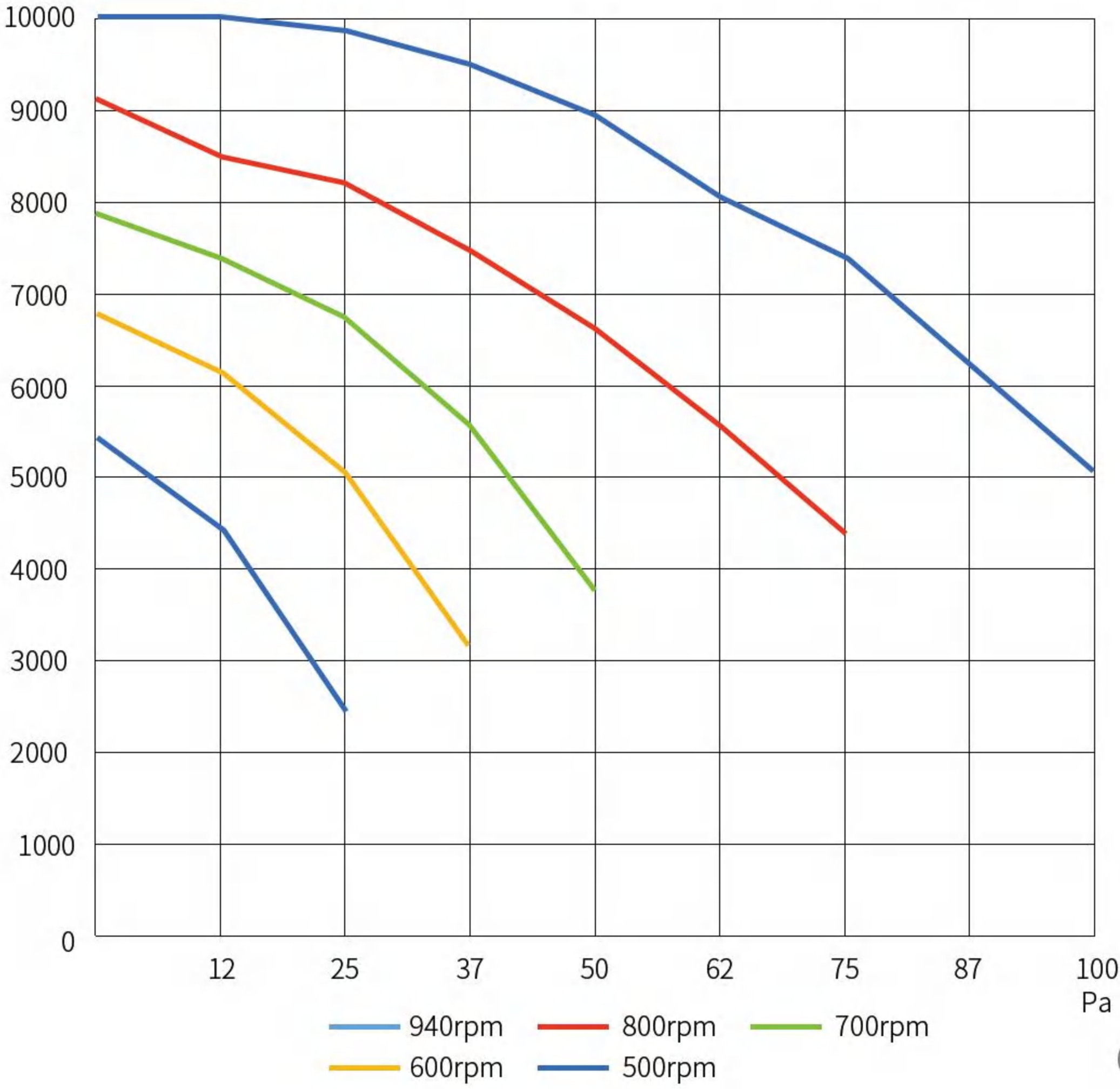
36 inch FRP Fan Performance

Speed (RPM)	Pressure (PA)	Airflow (M³/H)	Current (A)	Voltage (V)	Power (W)	Eff (M³/H/W)
910	0	27690	1.43	389	713	38.85
	12	26395	1.43	391	747	35.59
	25	25030	1.49	390	775	32.30
	37	23705	1.53	390	802	29.56
	50	22100	1.57	389	827	26.72
	62	20140	1.59	388	834	24.13
	75	16550	1.61	388	807	20.51
	0	24650	1.09	389	509	48.42
800	12	23180	1.11	389	539	42.97
	25	21525	1.14	389	569	37.85
	37	19810	1.19	388	589	33.61
	50	14905	1.24	388	592	25.18
	62	10805	1.52	389	572	18.89
	75	9350	1.58	389	601	13.89
	0	21250	0.86	389	362	58.73
	12	19515	0.90	390	388	50.36
700	25	17440	0.92	389	388	42.97
	37	12540	0.91	390	388	31.02
	50	8267	0.92	390	400	20.69
	62	5725	0.98	389	420	13.64
	0	18085	0.61	388	244	74.01
	12	13685	0.70	390	260	52.69
	25	10870	0.64	389	267	40.43
	37	6538	0.67	388	266	24.61
500	0	12430	0.46	390	151	82.32
	12	9607	0.45	388	160	60.10
	25	4950	0.48	389	160	30.96



24 inch FRP Fan Performance

Speed (RPM)	Pressure (PA)	Airflow (M³/H)	Current (A)	Voltage (V)	Power (W)	Eff (M³/H/W)
940	0	10717	1.17	386	528	20.28
	12	10341	1.18	387	536	19.29
	25	9945	1.21	387	545	18.25
	37	9550	1.21	387	552	17.31
	50	8985	1.26	387	554	16.21
	62	8068	1.15	388	539	14.96
	75	7413	1.26	388	529	14.00
	87	6294	1.22	388	509	12.35
800	100	5089	1.34	388	535	9.51
	0	9112	0.81	389	332	27.42
	12	8685	0.83	388	340	25.51
	25	8220	0.90	387	351	23.44
	37	7626	0.85	389	353	21.57
	50	6719	0.82	389	340	19.78
	62	5322	0.87	387	330	16.14
	75	4294	0.95	387	333	12.89
700	0	7960	0.62	387	230	34.56
	12	7469	0.61	388	240	31.15
	25	6811	0.69	388	241	28.31
	37	5641	0.63	389	230	24.55
	50	3863	0.71	388	239	16.18
	0	6821	0.46	387	160	42.67
	12	6183	0.46	388	160	38.68
	25	5039	0.50	388	160	31.53
600	37	3148	0.55	388	160	19.70
	0	5492	0.32	388	100	54.98
	12	4436	0.33	388	100	44.40
	25	2493	0.36	387	100	24.95



Side Wall Air Inlet

Features

PVC frame and blades offer UV resistance, anti-aging, and durability. Curved adjustable blades enable flexible airflow control. High-quality insulation layer ensures optimal performance in both open and closed states. Dual-side sealing strips prevent heat loss. Side wall mounted with automatic or manual control options.

Parameter

Product Name	External dimensions (mm)	Installation dimensions (mm)	Opening size (m³/h)	Cube meter hour (m³/h)
400 airrinle	850mm*500mm*125mm	750mm*400mm	760mm*410mm	3780mm³/h
340 airinlet	800mm*365mm*110mm	750mm*335mm	760mm*345mm	2200mm³/h
270 air inlet	720mm*360mm*130mm	630mm*270mm	640mm*280mm	1200mm³/h



Butterfly AIR Inlet

Features

High-quality ABS frame with UV-resistant PVC plastic steel sides and flaps ensure durability.

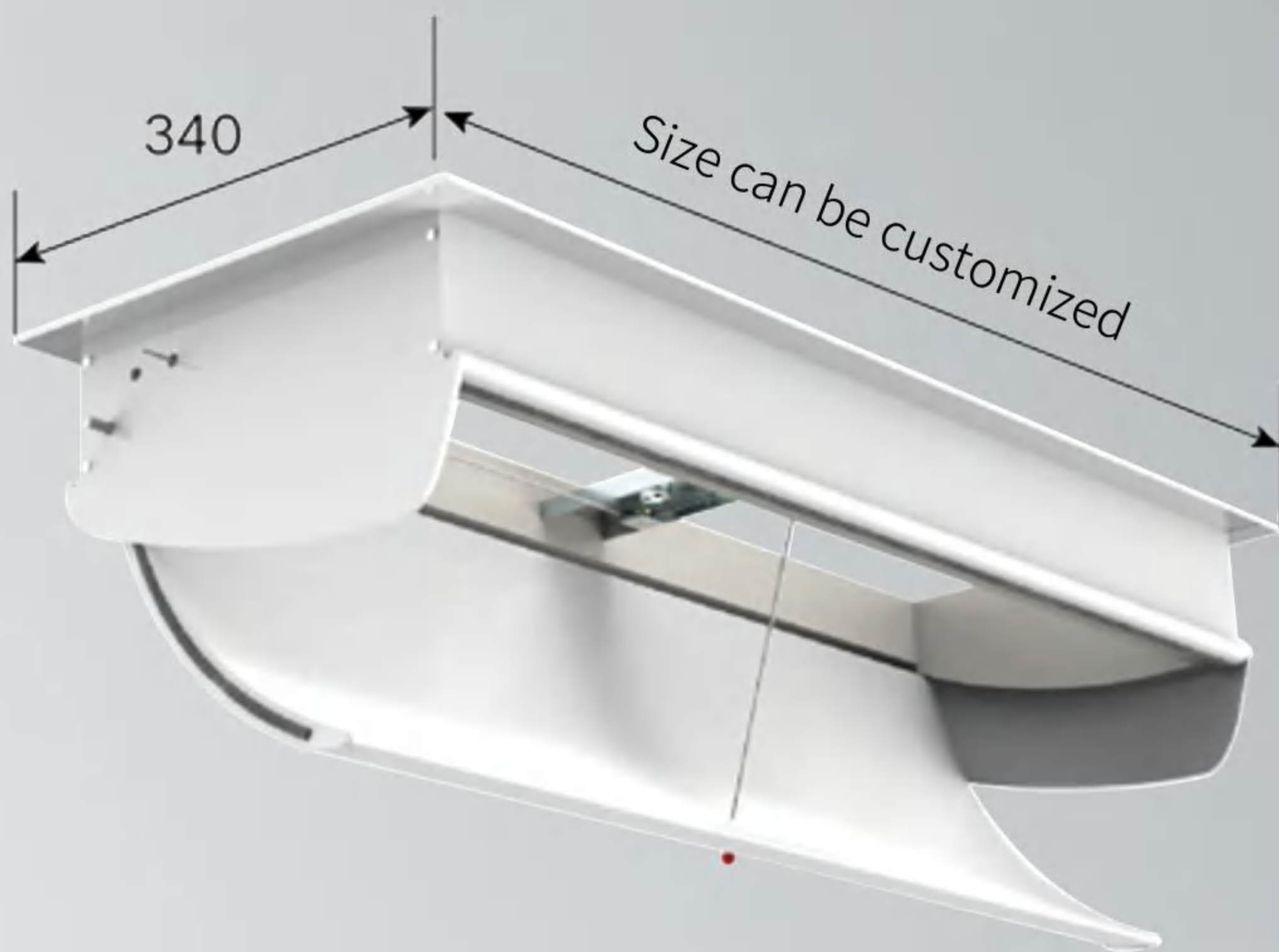
Innovative double door design enables simultaneous opening for flexible airflow adjustment.

Premium insulation layer provides optimal performance in both open and closed states with effective heat retention.

Automatic or manual control. Ideal for factories, greenhouses, and livestock facilities.

Parameter

External dimensions (mm)	Installation dimensions (mm)	Cube meter hour (m³/h)
730*560*160	680*500	4100
800*560*160	750*500	4528
1200*560*160	1140*500	7300



Louver Air Inlet

Features

Four-layer hollow PC polycarbonate insulated panel with adjustable louvers (0°-105°) for flexible ventilation and light control. Ideal for livestock farm sidewall air guidance and fan inlet/outlet heat preservation. Louvers measure 163mm wide × 20mm thick with stable structure. Each layer features sealing strips for enhanced insulation, airtightness, and heat retention while preventing external impurities. All-plastic construction offers excellent anti-oxidation and corrosion resistance against humidity, acids, and alkalis, perfect for high-humidity, high-corrosion livestock environments.



Parameter

Layersv	External dimensions (mm)	Installation dimensions (mm)	Opening size (m³/h)	Width of blinds Customizable
5	967mm	867mm	880mm	
6	1130mm	1030mm	1040mm	
7	1293mm	1193mm	1210mm	
8	1456mm	1356mm	1370mm	
9	1620mm	1520mm	1530mm	

Note: 1. The izt rin oehists oco e n tril ihte seor the ntrilmithis 110-130cm.
2. The size of the opening should be 10mm larger than the size of the inner frame.

FJ-2816 Climate Controller



Features

The FJ-2816 climate Controller is a high-performance climate management system designed for modern pig farming.

Features large moisture and corrosion-resistant touchscreen for harsh barn climate. Supports 10-point age-target temperature curves with 5 curve types for automated growth stage management.

Equipped with 8 high-precision temperature sensors and supports humidity, negative pressure, ammonia (NH₃), and CO₂ sensors with comprehensive alarm functions.

Provides 8 channels 0-10V output for variable speed fans and dampers, plus 16 relay outputs for fixed-speed fans, pumps, sprayers, and heaters.

Features multi-level alarm system (sensor failure, temperature/humidity limits), local parameter backup, SD card import/export, and IoT connectivity (Ethernet/RS485) for remote monitoring and control. Intelligent, reliable, and future-proof.

Parameter

Power input	Power output	Input	Output
85-305VAC	DC24V (sensor power supply)	4x 4-20mA input	4x 0-10V output
		2x 0-10V input	8x relay output
		4x temperature sensor input	1 set of alarm relay output
		2x digital input	(NC/NO)

FJ1&FJ-210 Alarm



Features

The FJ-210 is an industrial-grade power monitoring alarm system specifically engineered for harsh agricultural and industrial environments. Designed to protect critical equipment in pig farms, poultry facilities, and industrial operations, the AA-210 provides comprehensive three-phase power monitoring with millisecond-level fault detection and extended battery backup — ensuring your operation never goes dark.

The FJ1 Centralized Alarm Server is an intelligent command center designed for modern large-scale livestock operations. It transforms fragmented, single-point monitoring into a unified, farm-wide management platform — enabling operators to control multiple environmental controllers, monitor critical parameters, and receive instant alerts from a single interface. Built for the harsh realities of agricultural environments, the DP1 combines industrial-grade durability with intelligent data management to protect your livestock, equipment, and investment.

Parameter

Model	Power input	Power output	Input	Output
FJ-210	85-264VAC	DC12V 2700mAH	10x temperature sensor input	2 set of alarm relay output (NC/NO) DC12V MAX: 10W
FJ1	85-264VAC	12.6V 2700mAh	2x digital input	1 set of alarm relay output (NC/NO)

Plastic Slat

Features

Exceptional resistance and durability, combined with extremely easy cleaning and disinfection. The fast-drying and outstanding drainage characteristics ensure a hygienic environment. The smooth surface is animal-friendly, causing no harm to shoulders or teats, while minimizing heat loss during contact. Additionally, this design provides piglets with excellent grip, enabling them to suckle safely without damaging their hooves or knees.

Parameter

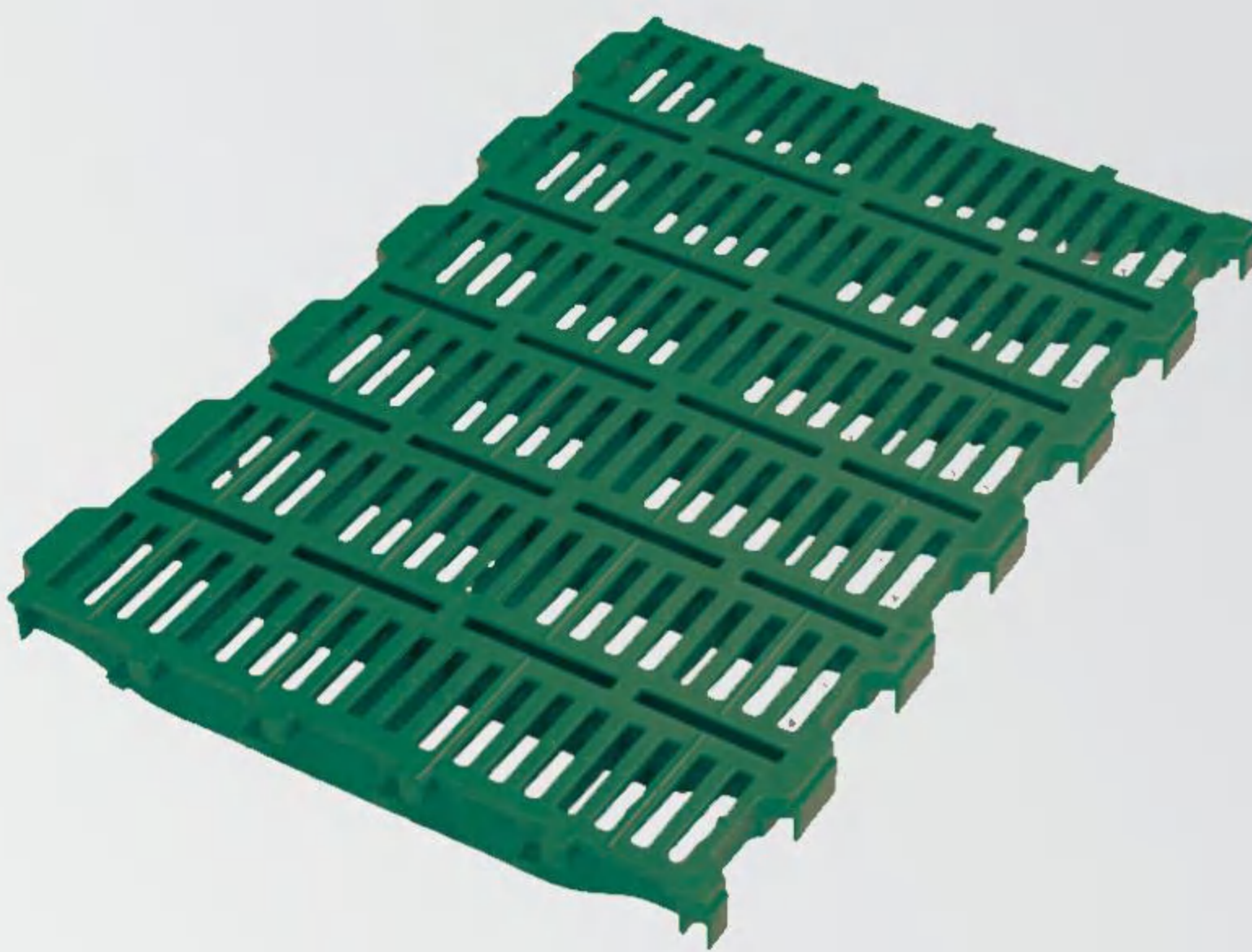
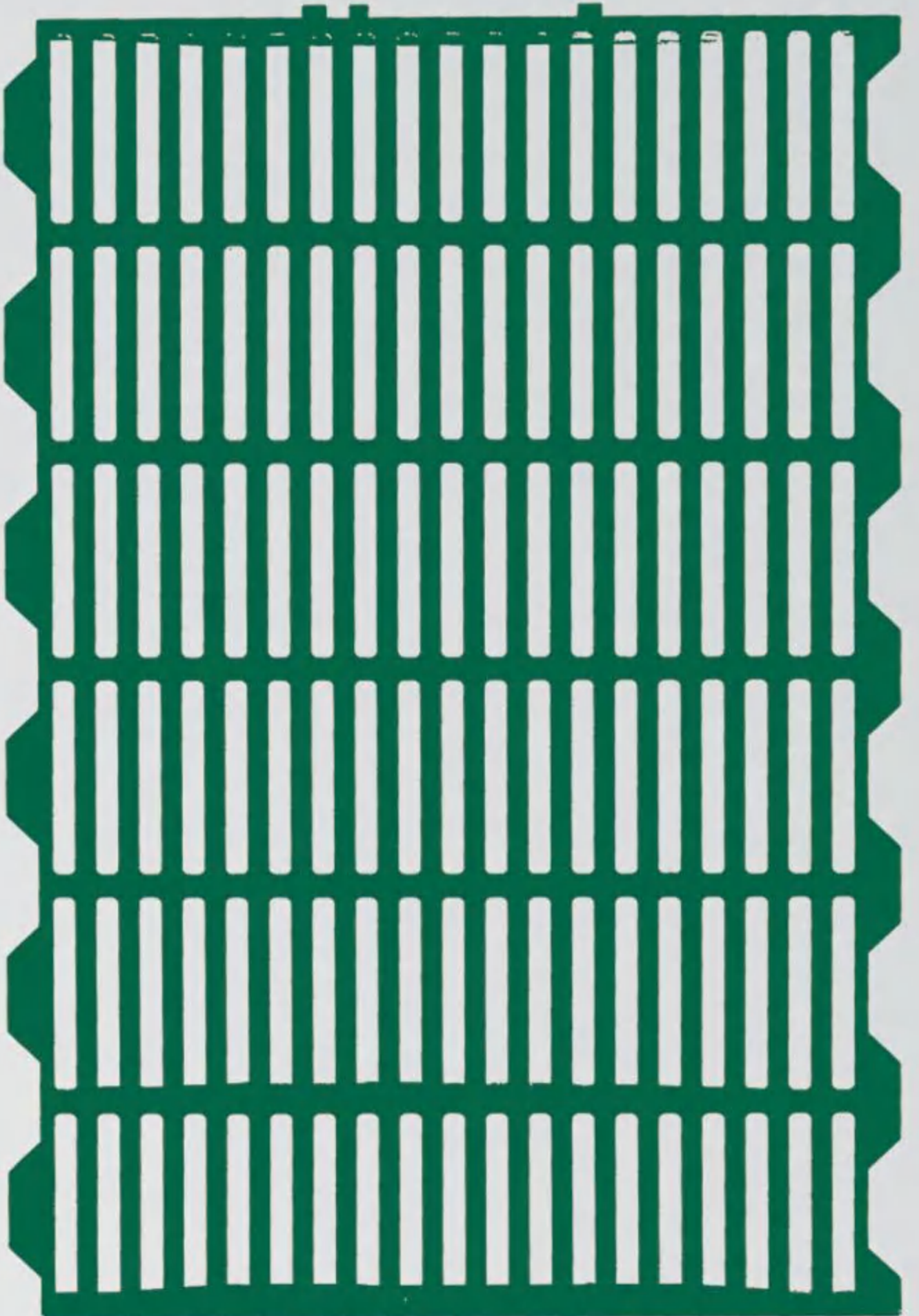
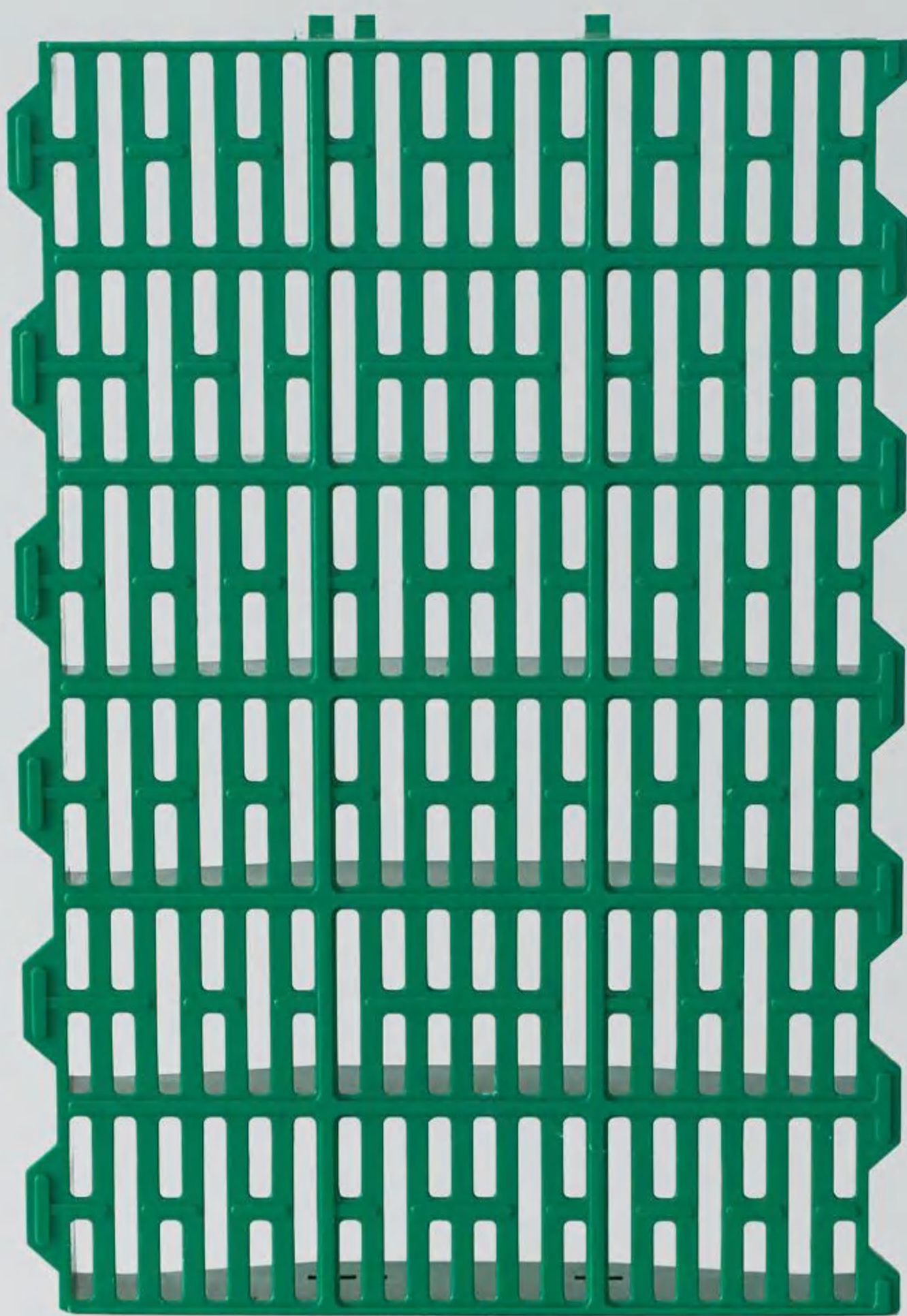
Model	Width (mm)	Length (mm)	Single Slat Bearing
400x600	400	600	2.4
500x600	500		3.25
400x600 Solid	400		2.7

Parameter

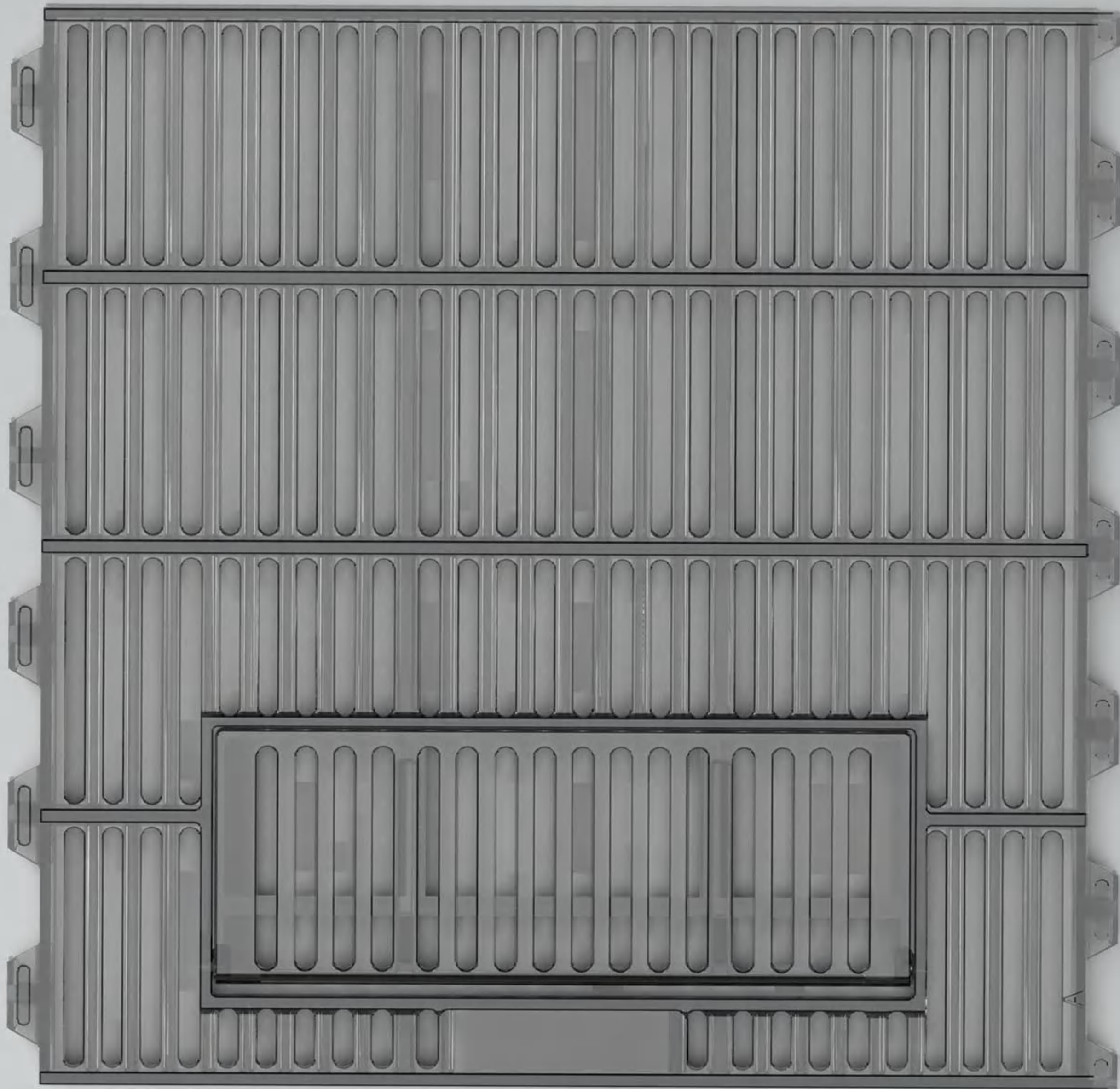
Model	Width (mm)	Length (mm)	Single Slat Bearing
400x600-S	400	600	1.8
500x600-S	500		2.2
600x600-S	400		2.5

Parameter

Model	Width (mm)	Length (mm)	Single Slat Bearing
400x600-D	400	600	1.5
500x600-D	500		1.95
600x600-D	400		2.35



Cast iron Slat



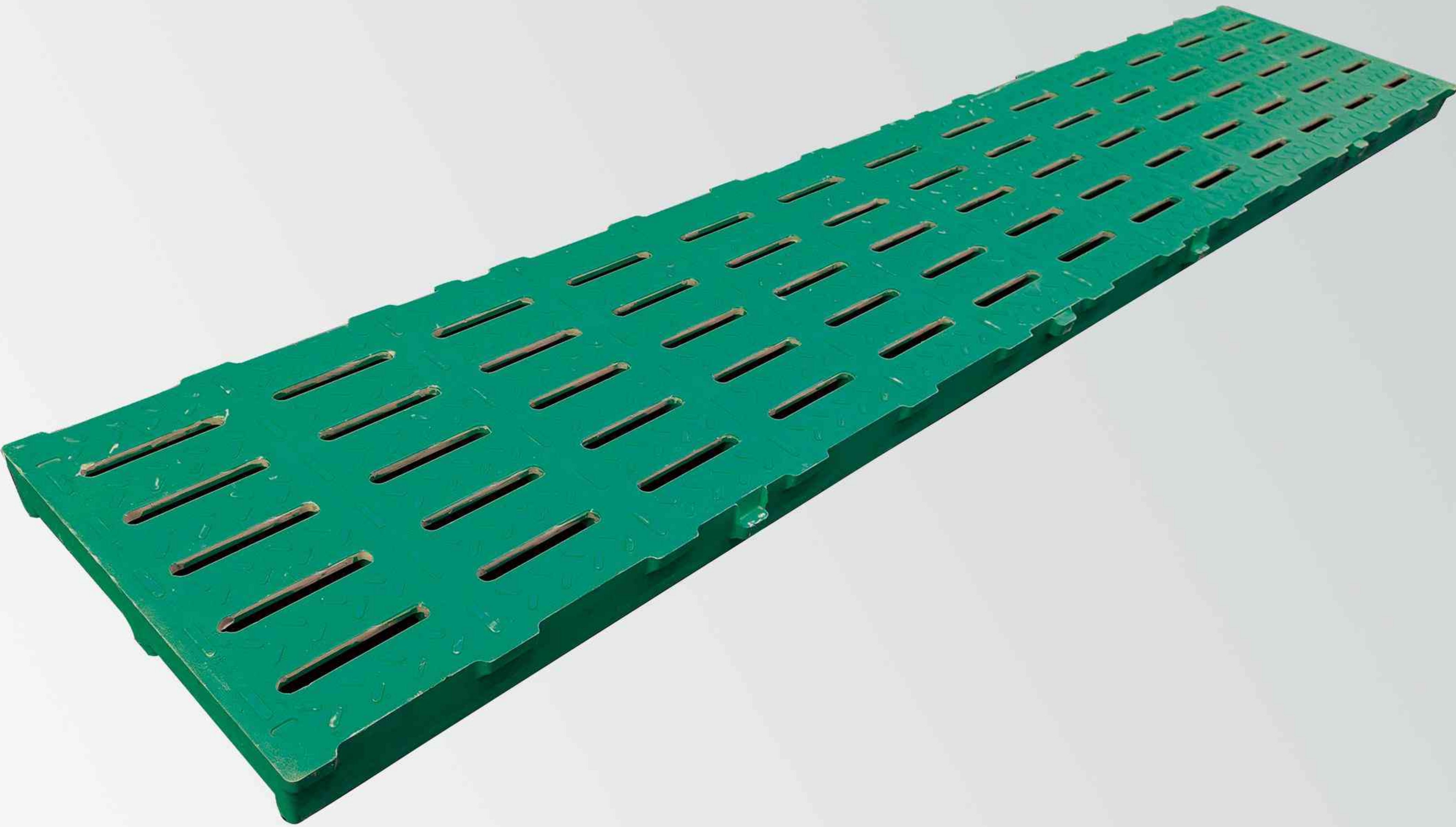
Features

The Cast Iron Floor is manufactured from premium ductile iron (QT450-10), offering exceptional load-bearing capacity (>700kg per panel) . Featuring precision-engineered slat design with 10-12mm slot spacing, it ensures optimal waste drainage while preventing hoof injuries. The smooth, deburred surface with anti-slip texture protects sows' teats and shoulders. Superior thermal conductivity provides excellent cooling effect for lactating sows, reducing heat stress. Corrosion-resistant coating (bitumen dipping or epoxy) withstands acidic manure environments. Easy to clean and disinfect with high-pressure washing.

Parameter

Model	Width (mm)	Length (mm)	Single Slat Bearing (kg)
400x600	400	600	500
500x600	500		
600x600	600		
600x600-Trap	600		
600x300	600		
600x400	600		
600x500	600		
600x700	600		

SMC Slat



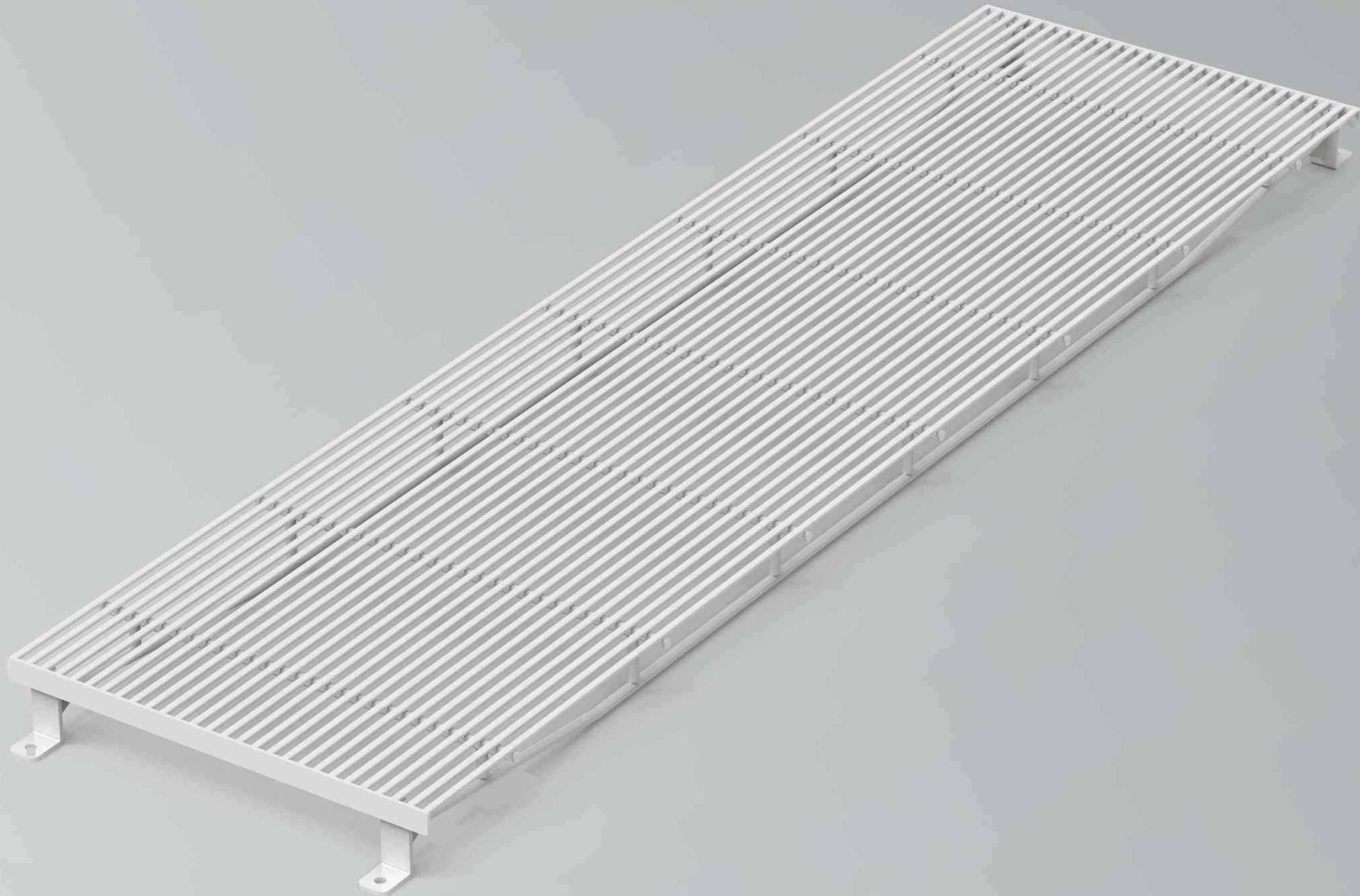
Features

SMC composite construction with 30+ years durability. High load-bearing capacity (>500kg). Full-slat design for optimal drainage. Superior corrosion resistance - no rust. "Warm in winter, cool in summer" thermal comfort. Smooth anti-slip surface. Protects teats and hooves. Lightweight - 1/3 of cast iron weight. Easy installation. Easy to clean and fast-drying. Low maintenance. Suitable for all pig stages.

Parameter

External dimensions (mm)	Weight (kg)	Per Panel Load (kg)	Total Load (kg)	Leak (mm)
2200*600*80mm	38KG ± 2KG	≥500KG	≥800KG	23mm
2400*600*80mm	40KG ± 2KG	≥500KG	≥800KG	23mm
3000*600*80mm	50KG ± 2KG	≥500KG	≥800KG	23mm

Tri-Bar Slat



Features

Triangular cross-section steel bar design. Hot-dip galvanized steel or ductile cast iron. Self-cleaning structure - waste falls through easily. High opening ratio (>50%). Dry, hygienic conditions. Flat anti-slip surface. Protects hooves and teats. High load-bearing capacity. Precision slot width (10-15mm). Easy pressure washing. Low maintenance. Suitable for farrowing, nursery, and finishing stages.

Parameter

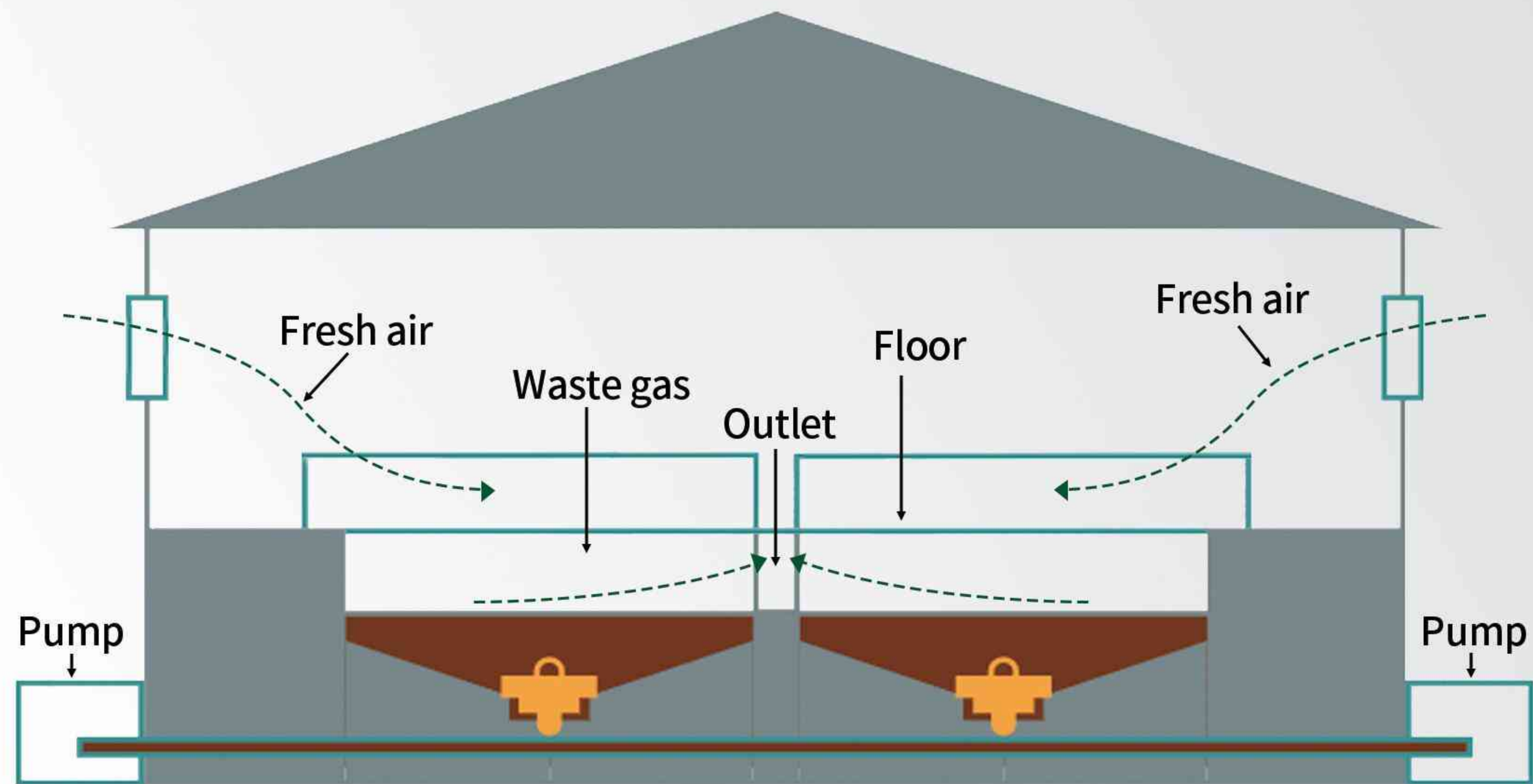
External dimensions (mm)	Total Load (kg)	Opening ratio
600*2400	≥500KG	>50%
700*2400		
800*2400		

Manure Plug



Features

Advanced manure management system with deep pit (0.6-2.5m) under slatted floors. Anaerobic fermentation liquefies manure. 50-70% water savings. Eliminates daily cleaning. 80%+ labor reduction. Flexible cleaning cycles. Climate-independent. Gravity drainage via plug valves. High-concentration liquid manure for biogas/fertilizer. Low operational costs. High automation. Reduced stress. Winter heating benefits. Requires waterproof construction, ventilation, treatment facilities.



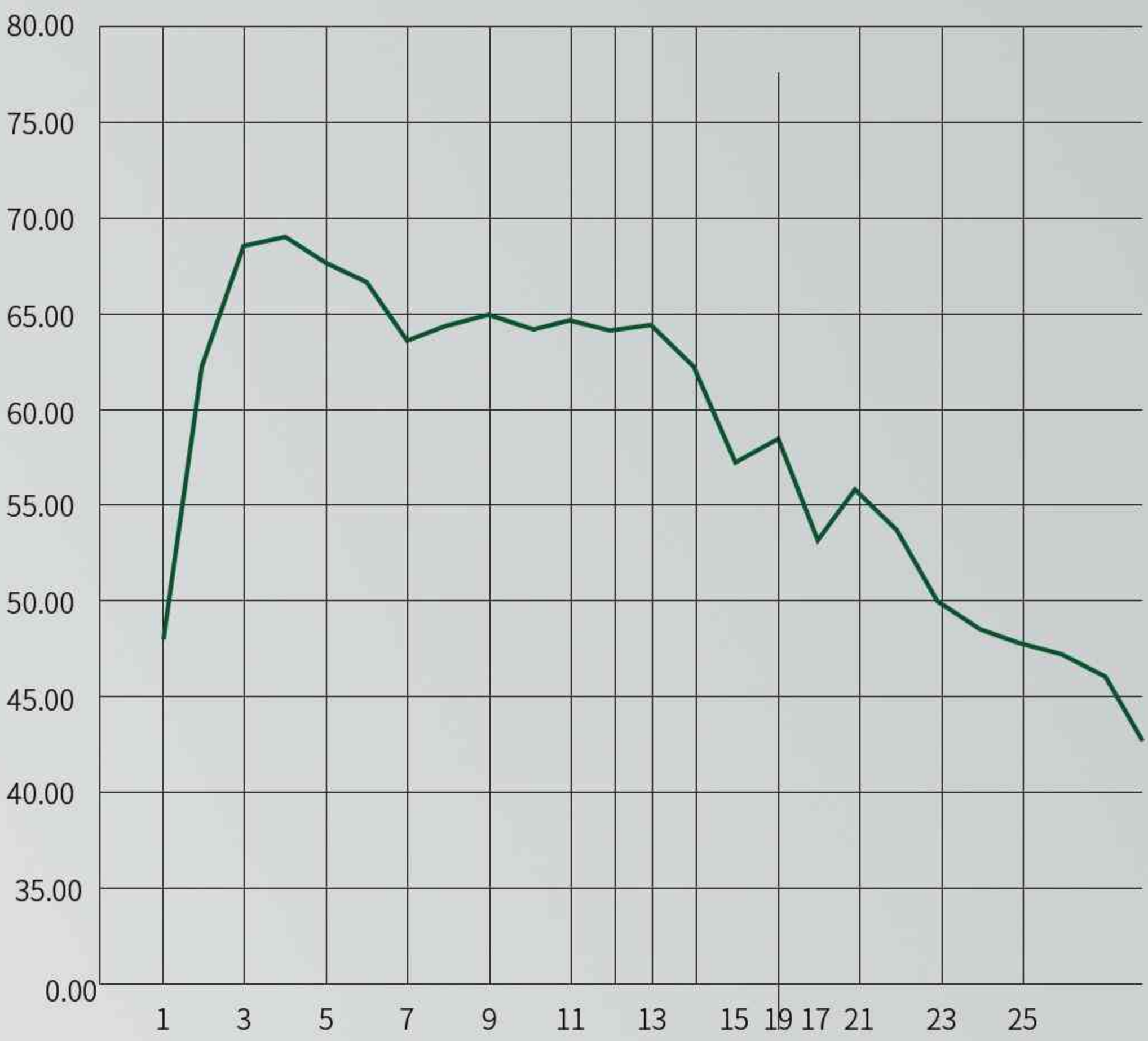
Manure Composting System



Features

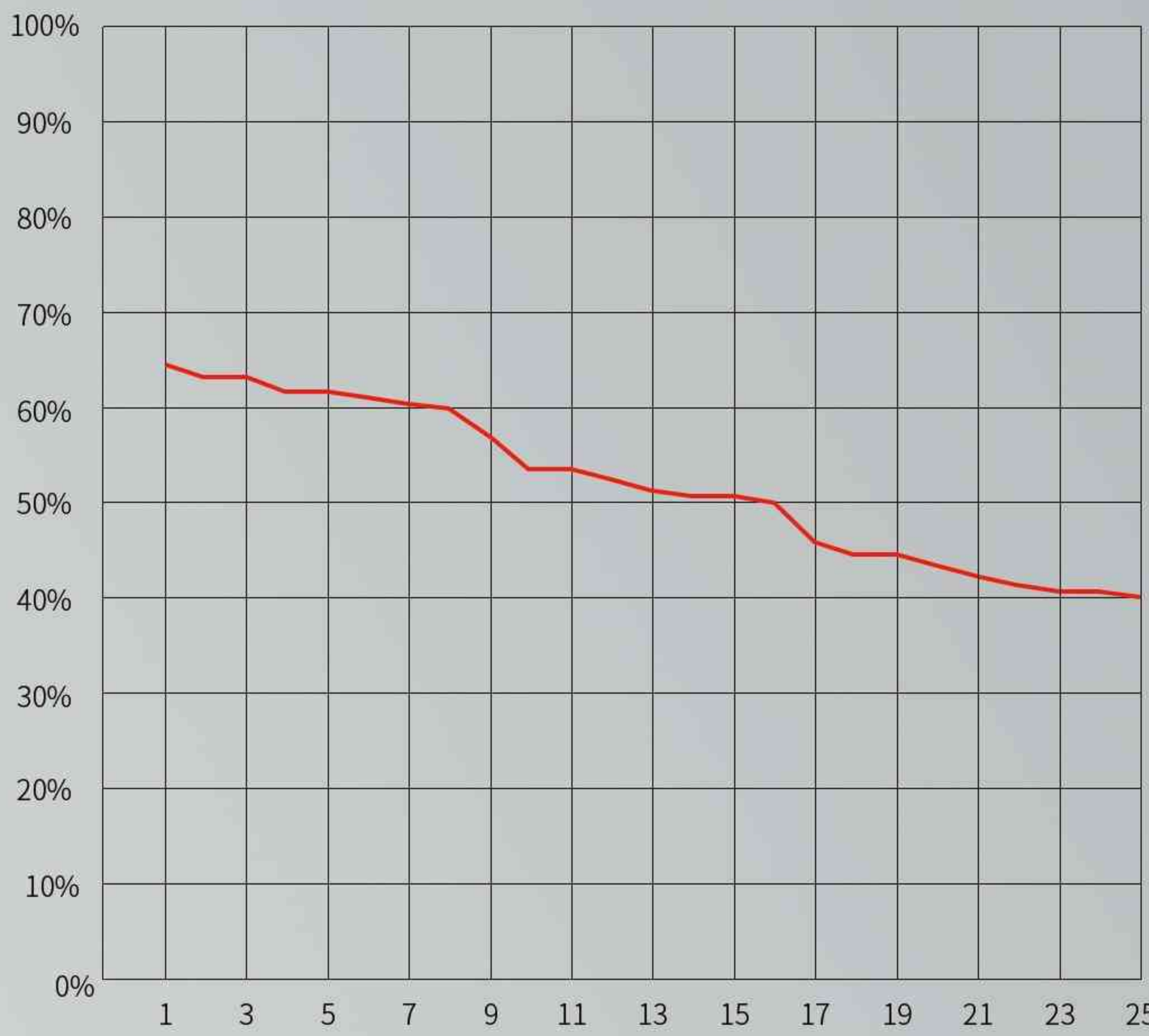
For swine farm manure and manure slurry, FARMJOY offers a full-chain solution featuring source collection of water-flushed manure, NCS molecular membrane aerobic fermentation (for solid waste) and anaerobic/integrated biochemical treatment (for wastewater). It achieves zero discharge, resource utilization of manure waste, as well as reuse/recycling to farmland up to standard.

Temperature (°C)



Fermentation Time (day)

Moisture



Fermentation Time (day)

Pig Farm in Indonesia

Features

Located in Indonesia.
 Equipped with Farmjoy’s housing systems, farrowing crates and feed line systems, this farm has become one of the earliest large-scale pig farms in Indonesia to adopt systematic and scientific pig farming.



Pig Farm in Vietnam

Features

Located in Vietnam.
 Farmjoy provided the penning system and feeding system, including large-diameter feed lines.



Pig Farm in France

Features

Located in France.
Farmjoy delivered the feeding system, feed lines and housing



Pig Farm in the United States

Features

Located in the United States.
The farm is equipped with Farmjoy housing systems, farrowing crates and feed line systems.



Anhui Hefeng Haoxiang Pig Farm

Features

Located in Lixin, Anhui Province, China.
Farmjoy provided the penning system and feeding system, including large-diameter feed lines.



Jiangxi Maoyuan Pig Farm

Features

Located in Taihe County, Jiangxi Province, China.
This is a 10,000-head farrow-to-finish project.

