THE LIVESTOCK COMFORT SPECIALIST



Your premier resource for superior livestock comfort innovations

Proven comfort solutions for your farm. Peace of mind for you.

|== Agri-Sand Saver



Huber Technik

Rubber grid mats that support hooves and improve lying position while minimizing sand waste and maximizing sand efficiency

Made in USA

THE LIVESTOCK COMFORT SPECIALIST

GEYER & HOSAJA

Mattress and Alley rubber options provide maximum comfort with proven, lasting durability

Made in Germany

FutureCou

Welfare Enrichment: Proven

innovation that works to

provide comfort and better

livestock performance

Made in USA



Rubber mats with a nonslip tread design and strong interlock allow for a "seamless" surface and easier installation

Made in Poland





A ventilation system that allows barns to regulate air speed depending on the season and needs of your livestock

The Vitality System: The solution for optimal calf health that safeguards calves from the harmful effects of fast feeding

> Made in New Zealand ^{⊯≪}∵

Made in USA

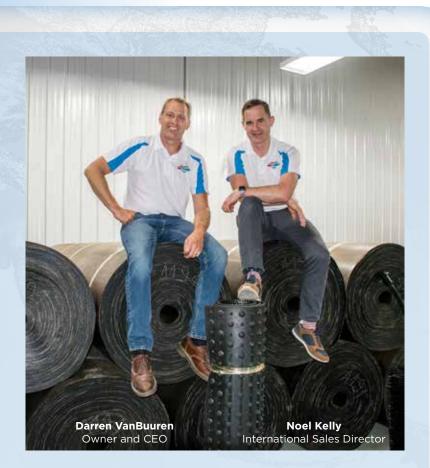
OF A MORES

Agri-Comfort brings knowledge and expertise to manufacturers, distributors and dairy farmers.

Our focus has always been on comfort and durability, and bringing innovative products to the market that are farm-tested.

How and Why Agri-Comfort Started

Agri-Comfort was founded by Darren VanBuuren of Agri-Plastics and Noel Kelly of Creva Agri-International who are dairy farmers and established leaders in cow and calf comfort solutions. We are passionate about what we do and work hard to ensure that fellow dairy farmers worldwide are aware of and have access to the best on farm solutions through the use of efficient and effective logistics and sales channels. We chose to partner with the best factories so that farmers can trust where the products are sourced, the factory warranties and the advice offered by their specialists.



Our sales team and specialists are here to help you!



Steve Bartlam North American Product Manager



Robert Fiolek Polish and Eastern Europe Representative and Consultant



Skip Wiswell Northest USA Sales Representative



Taissia Mortensen Russian Sales Representative and Consultant



Paul Prekup Canadian Sales Representative



Diego Acero French and Spanish Sales Representative



Nele Schermeier German Veterinary Consultant and Cow Comfort Specialist



Ronan Gleeson UK/Ireland/International Sales Representative

Huber Technik German Durable Cow Comfort

Rubber Flooring

- Established in 1925
- Made in Germany
- Only new tire rubber compound
- PAH and ISO 9000 certified

SOFT BED 4GS AND 8GS

Our highly advanced Huber Technik cubicle flooring provides dairy cows with an ideal comfort surface to relax joints, enhance health and

improve overall productivity. Combining a specially designed, 100% virgin rubber top cover and composite Agglorex latex foam substructure, this flooring offers the latest in soft bed technology, with tensile strength that has been tested and proven.

Soft Bed 4/40 with top cover 4GS

Elasticity/compression:

++ acc. to DLG report 6014F (>.83" • >21mm) Width:

Nidth:

Top Cover: 70.9/78.7" • 180/200cm Latex Underlay: 63/70.9" • 160/180cm Thickness: 1.1811" • 30mm

Length: 32.8-328' • 10-100m

Fastening: Anchor bolts every 9.84" / 25cm on both sides of the cover with 1.99" / 5cm distance to the edge of the top cover

Soft Bed 8/30 with top cover 8GS

Elasticity/compression:

++ acc. to DLG report 5807F (1.06" • 26.8 mm)

Width:

Top Cover: 70.87"/78.7" • 180/200cm Latex Underlay: 63/70.87" • 160/180cm Thickness: 1.6" • 40mm

Length: 32.8-229.7' • 10-70m

Fastening: Anchor bolts every 9.84" / 25cm on both sides of the cover with 1.99" / 5cm distance to the edge of the top cover

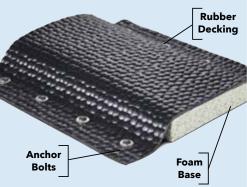


This Brisket Board is a durable solution for any new or existing stall system. Its design is ideal for protecting dew claws and allowing your cattle to extend their legs in a natural manner. Due to the natural curve in the brisket, it is strong enough to support your cattle's weight.

- Heavy-duty .25" / .64cm thick poly that won't crack, chip, or splinter
- \bullet 96" / 243.8cm lengths with pre-drilled holes along the sides for easy installation



Here's how it works:



Decking – The full rubber decking features a high-strength fabric, .16" / 4mm or .31" / 8mm thick, depending on the model, which is bolted to the concrete on both sides of the foam base. A slope in the rear area facilitates liquid drainage for surface dryness and easy cleanup.

Foam base/deflection – The foam base consists of either 1.1811" / 30mm or 1.6" / 40mm thick composite foam sheets, creating perfect deflection. The compression resistance is designed for high punctual loads by dairy cows, keeping the shape of the base intact for many years.



Proven tensile strength and more

Huber Technik products have been subjected to the rigorous Fokus Test by The German Agricultural Society (DLG), and earned the top ++ evaluations.

Seamless Installation

We can deliver our products in one piece up to a length of 328' / 100m. For farmers, this means the floors are easy to install: Put down, roll out and screw tight. There are no seams, which means less wear and soiling than individual mats.



10-Year Warranty

Huber processes 100% new rubber, not scrap granules. We only process high-quality raw material, therefore, we are able to give a 10-year warranty on all our products.



100% Virgin Tire Compound

Our mats are exclusively made of new unvulcanised tire compound. They contain high-quality raw material that provide among other things aging resistance and ozone protection.

N-SERIES ROLLS

Different degrees of softness are achieved by our special studs (pimpling effect) on the underside. N15 and N18 alley floors allow the dairy cow to walk and stand in a soft, comfortable and joint-friendly manner. The farmer benefits by contented cows, easy-to-clean barns and excellent hoof health. N20 and N33 Comfort rolls are floors that are placed directly on the concrete surface.



N-15 Rolls

Ideal for: Alleyways, Holding areas, Parlors

Thickness: .59" / 15mm

Width: 19.7-118.1" / 500mm-3000mm in steps of 3.93" / 100mm

Length: 32.8-229.7' and 164' / 10-70m and 50m

Warranty: 10 years

Features: Smallest studded underside provides cushion and traction. Deflection/Penetration depth of .17" / 4.3mm



Ideal for: Alleyways, Holding areas, Parlors

Thickness: .7" / 18mm

Width: 19.7-118.1" / 500mm-3000mm in steps of 3.93" / 100mm

Length: 32.8-229.7' and 164' / 10-70m and 50m

Warranty: 10 years

Features: Small studded underside provides cushion and traction. Deflection/Penetration depth of .03" / 10.7mm

N-20 Rolls

Ideal for: Free Stalls and Tie Stalls Thickness: .79" / 20mm Width: 47.25-78.74" / 1200mm-2000mm Length: 32.8-164' / 10-50m

Warranty: 10 years

Features: Medium studded underside provides cushion and traction. Deflection/Penetration depth of .03" / 10.7mm



Width: 74.8' / 1900mm

Length: 32.8-131.2' / 10-40m

Warranty: 15 years

Features: Largest studded underside provides cushion and traction. Deflection/Penetration depth of .67'' / 17mm





Rubber Mats

- Established in 1987
- Made in Poland
- Exclusive design of mats and high-grip tread pattern



INTERLOCKING RUBBER MATS



- Imitates the natural substrate
- Increased durability and resistance to wear
- Anti-slip surface
- Quick and easy assembly
- Can be cut to custom sizes
- Cross tread underside provides deflection and traction

DB 2.1

Ideal for: Alleyways, Holding areas, Parlors

Thickness: 1" / 2.54cm

Dimensions: 3.41' x 5.12' / 1.04m x 1.56m

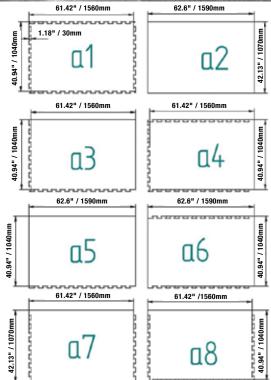
Weight: 81 lbs. / 36.7kg

Warranty: 5 years

Features: High-grip tread pattern for maximum traction. Strong interlock allows for "seamless" surface and installation

With 8 different size and edge configurations, there is greater flexibility to cover a variety of spaces. Rubber can be also cut to custom sizes.





Rubber Mats

- Established in 2015
- Made in USA
- Exclusive grid design minimizes sand waste and reduces digging

Agri-Sand Saver



AGRI-SAND SAVER RUBBER MATS

- Original and unique grid design
- Robust, comfortable and improves lying position
- Promotes accessibility and aids cubicle alignment
- Reduces daily stall maintenance

- Supports hooves, keeps bed level and minimizes sand waste
- Thickness: 1.38" / 35mm
- Dimensions: 4' x 5' / 1.219m x 1.52m

Reduce sand usage by up to 50%

This innovative grid fits easily into freestalls to dramatically improve the performance and efficiency of your sand bedding efforts. Using the grid can reduce your sand usage by up to 50%!

With a solid base, there is less stall maintenance. Cows have less of a tendency to dig in the sand, so the bed does not "belly out." Traditionally, a lot of labor is spent evening out the sand bed. With the Agri-Sand Saver Mat, the bed stays more level.





Feeding System

- Established in 1987
- Made in New Zealand
- Maximizes curdling, prevents crosssuckling and aids rumen development

Proven Increase in Lactose Absorption!

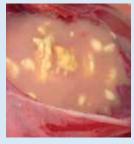
Lactose absorption is the single most important measure of success when feeding calves. If they drink too fast, lactose passes through the digestive system and is wasted, instead of contributing to weight gain. This is the key benefit of the Milk Bar Vitality System, as the rate of flow is controlled, slowing feeding time to maximize milk curding and lactose absorption.

Calves fed by Milk Bar teats



- Healthy, thick, even curding
- Only **3mg/gm** of lactose remained
- Reduced lactose in intestines limits food source required for pathogens to multiply

Calves fed by faster feeding teats



- Insufficient curding
- Significantly higher lactose in abomasum: **12mg/gm**
- Much higher lactose concentrations in intestines and feces; this feeds pathogens, allowing them to multiply rapidly – a major cause of scours



Easy Cleanup

There is no need to dismantle the Vitality Bottle Cap for cleaning. There is also no need to remove the Milk Bar Teat from the Teat Clip for cleaning. The system has been designed for maximum ease and efficiency, meaning that the complete unit may be washed in warm water with an alkali detergent. When calves are weaned, simply discard the teat (since it will be worn and will no longer feed young calves at the proper speed).



Chute ensures vertical Milk Bar Teat for correct suckling speed.

Correct Alignment Incorrect Alignment





Milk Bar Vitality Bottle System:

Each system 5-pack comes with the following:

- 5 Milk Bar Vitality 2.64 Qt. / 3L Bottles
- 5 Milk Bar Vitality Bottle Caps
- 5 Milk Bar Vitality Bottle Chutes
- 5 Milk Bar Vitality Aligning Sockets
- 1 Milk Bar Colostrum Training Teat
- 10 Milk Bar Teats
- 10 Milk Bar Vitality Teat Clips (one of each color)
- 10 Milk Bar Vitality Tags (one of each color)

This innovative system is easy to install. It cuts time spent raising calves and reduces the costs associated with poor health. The unique Chute System works to self-align the bottle, guaranteeing correct bottle positioning every time.

Self-Aligning Chute

The assembled bottle is inserted into the custom-designed chute, where it automatically positions itself correctly. Mistakes are eliminated by the color-coded tag attached to the pen, hutch or chute. Bottles are simply matched to the tag color. The calf does the rest,

pulling the teat forward; then as she drinks, the chute locks the bottle into place.



9



Brushes and Calf Ball

- Established in 2008 Made in USA
- Promotes social interaction
- Improves overall health

Calf Ball and Stationary Brush

15" / 38.1cm Calf Ball

This easy-to-install, free-swinging ball helps occupy calves while easing them into a group housing environment.



Ease Calves into Adulthood

The Calf Ball also helps to prevent conventional weaning distress by creating a safer alternative to typical coping behavior. All of these benefits make the FutureCow Calf Ball a popular, effective tool that could result in healthier, more productive cows over the long term.

Key Advantages

- Reduce suckling among themselves
- Minimize the rubbing on stalls, barns & equipment
- Lessen vocalizations
- Promote healthy social interaction
- Enrich their formative months

24" / 60.96cm Stationary Brush

This Stationary Brush is a popular way to keep your cows clean and happy.



Easy installation - No electricity needed

This heavy-duty unit features a cow brush, attached to a sturdy yet flexible cable. The design offers just the right amount of tension to let your cows brush their heads, sides or backs. Ideal for barns or lots with no electrical access, the Stationary Brush is maintenance-free with no additional costs after installation. There is no limit to the number of cows that can use one brush.

Rotating Comfort Brushes

24" / 60.96cm 48" / 121.92cm

Key Advantages

- Relief from stress, flies and parasites
- Grooming assistance; keeps cows clean and relaxed
- Protects barns from damage
- Only cow brush manufactured in the USA
- 2-year warranty, 30-day money-back guarantee



24" / 60.96cm Calf Brush

Designed and sized specifically for calves to increase their comfort and decrease stress.



Happier, healthier, more active calves

The Calf Brush is designed specifically for calves as soon as they are weaned and placed in group housing. The brush is the perfect size for calves and will help keep them clean, improve their comfort and decrease stress levels. This results in happier, healthier and more active animals.

48" / 121.92cm Comfort Brush

The heavy-duty, rotating Comfort Brush is perfect for keeping your cows clean, relaxed and comfortable.



Motion-activated, hourglass-shaped brush

Each ComfortBrush is motion-activated so the unit only runs when your cows are ready to interact. The hourglass-shaped brush is specifically designed for cows and the softer bristles used in our brushes provide maximum comfort and durability.



Ventilation System

- Serving the farming community since 1997
- Made in USA
- Improves air quality and barn temperature for improved milk production



Flap Duct[®]: Pre-Engineered Ventilation Tube System keeps air flowing in any structure

Key Advantages

- Easy, single-lever control
- Ideal for all seasons
- Customize airflow for your herd
- Adjust for warm or cold weather

The FLAP DUCT[®] Ventilation System gives producers outstanding control over ventilation requirements for a customized solution that shelters your biggest investment – your calves.

Agri-Comfort understands that individual setups often need individualized solutions. With FLAP DUCT[®], the patented internal membrane can be adjusted up or down to adjust the airflow based on seasonal conditions with the simple flick of a lever.

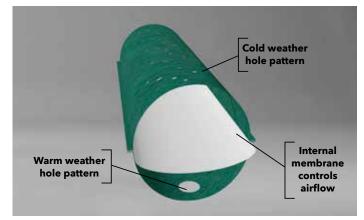


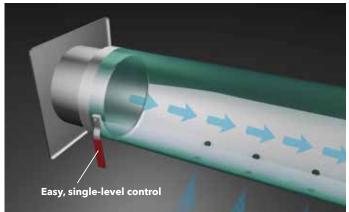
This system is particularly useful during the spring and the fall, when the days are warm and the nights cool

With the membrane in the up position, high speed air showers calves during warm weather. Simply move the lever down to adjust the membrane to the bottom of the tube to deliver slow, non-drafty fresh air during cold weather.

Once installed, the membranes can be moved up or down to precisely control airflow based on your herd's needs in every season.

How Flap Duct Works:







Warm Weather

- Variable speed fan set to HIGH
- Internal membrane rests at TOP of duct
- EASY lever control: It's a breeze to adjust to changing conditions

Cold Weather

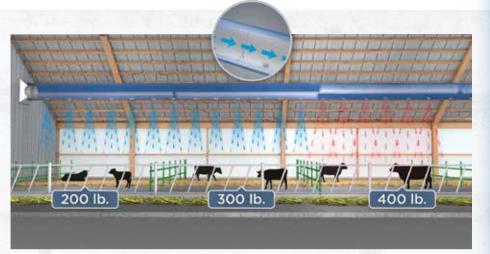
- Variable speed fan set to LOW
- Air flows through SMALL holes
- Gently delivers slow, non-drafty fresh air to calves

Segmented membranes allows for customized venting in 1 duct

Many post-weaned calf barns have pens containing groups of differently sized animals along their length. As the size of the calves in each pen increases, the ventilation requirements for them increase as well. The versatility afforded by FLAP DUCT's segmented membranes allows those varying ventilation requirements to be met.

The calves in the first pen are the youngest and smallest calves in the

barn. As such, they require the least amount of fresh air and are the most susceptible to a draft in cold weather. As fall approaches and temperatures get to 50 degrees Fahrenheit, use the lever control mechanism to adjust the first segment of the internal membrane down, reducing the volume and air speed delivered to that first



pen. The other pens have larger, heartier animals that can handle more air flow, but as fall temperatures drop, air speed and volume should be reduced accordingly. Use the vertical rods to adjust the internal membranes to the down position so that each pen is ventilated appropriately.

Frequently Asked Questions



RUBBER FLOORING Q AND A:

1. What is rubber?

Today, the word "rubber" denotes many synthetic materials with elastic properties in addition to natural rubber. Rubber has the ability to cross-link under heat and high pressure. This process provides rubber with the desired and final form. This rubber-specific cross-linking ability is called vulcanization. This process happens only once and it cannot be reversed.

Is it new rubber or a rubber regenerate?

Vulcanized rubber cannot be melted and newly pressed. It can only be broken up with a high amount of energy. Regenerates come mainly from broken up old tires. They have little binding strength left (ability to cross-link). In order to reshape them, bonding agents must be used. Regenerates are primarily suitable for relatively hard, large-volume components.

Is it natural rubber or a tire mixture?

Huber Technik uses only new tire rubber, with a minimum of 90 % of it having not been vulcanized (new rubber). Tire mixtures contain valuable additives, which ensure age-resistance. Lower priced natural rubber mixtures do not contain those stabilizers. Therefore, the influence of light and air (ozone) easily makes them brittle. A high specific weight (>1.2) is an indicator for a high amount of fillers (chalk) in the rubber compound. Fillers make the compound heavier and cheaper. A high amount of filler is not an advantage for a product's elasticity and durability.

What does wear-and-tear resistance mean?

To determine wear-and-tear ability of rubber products, tear resistance, stretching ability at the breaking point, and abrasions are primarily examined. These criteria are clearly superior in new rubber.

Agri-Sand Saver RUBBER GRID MAT Q AND A:

1. How much sand can I expect to save?

Reductions of up to 50% have been reported compared to traditional deep bedded stalls.

2. What are the benefits of the Agri-SandSaver?

The Agri-Sand Saver mats minimize bedding usage, and keeps the bed level. When the mats are in place, cows are less likely to dig. Handling costs are also reduced because less sand is wasted.

3. How does it work?

Milk and urine drain through the top layer and wick away leaving a higher dry matter bedding.

4. What is the payback ?

Payback varies but is typically 3 years based on purchase cost of bedding.

5. How does it help cow comfort?

Extending lying time can increase cow comfort and milk yield.



1. My calves are taking a long time to drink, is this normal?

Yes, the slower they drink the better! Ideally your calves need to be drinking 1 qt. in around 3-4 minutes. With a controlled milk delivery the calves will nurse the teat to produce saliva. Saliva has antimicrobial properties to boost immunity and also aids in correct curd formation for better digestion.

2. How do I clean my Milk Bar Bottles and feeders?

Milk Bar feeders and bottles are incredibly easy to clean. The teat does not need to be removed for cleaning. A daily rinse and a hot wash twice a week with Alkali Detergent is enough to keep your feeders clean.

3. How long will my teats last?

The golden rule with teat replacement is one teat per calf. By following this simple rule you will know that calves are nursing at the right speed until weaning. The Milk Bar Teat will last until weaning, whether it be 10 or 12 weeks.

4. How high should my teats be?

For best results make sure the calf teat is 2' / 61cm high from the ground. This helps to prevent milk entering the trachea.

5. If the teat controls the milk flow, will training be difficult?

Not at all, in fact training a calf to suckle with the Milk Bar Teat is very easy. This is because the calf uses the same action to drinking from a Milk Bar Teat as she does when drinking from a cow. Her natural instinct will take over to make training very simple.

GEVER & HOSAMA INTERLOCK RUBBER MAT Q AND A:

1. What are the advantages of rubber mats?

Our rubber mats are an ideal solution for cattle breeders and farmers. They imitate the natural substrate, which directly affects the comfort and safety of animals. In addition, our rubber mats have insulating properties.

2. How does the tread pattern help livestock comfort?

The nonslip structure of the mat reduces the risk of injury and prevents pressure sores, so the use of our product contributes to the overall improvement of the condition of the herd.

3. Why use an interlock mat?

Interlock mats allow for easy and quick installation. 3 different sizes give greater flexibility for differently sized spaces. And if needed, our rubber mats can also be cut to fit your space.

4. How do rubber mats help livestock and the farms that install them?

Moreover, thanks to the use of rubber mats for agriculture, it is much easier to maintain cleanliness in the building, which has an impact on the overall well-being of the herd and thus the quality of milk obtained. It directly affects the increase in productivity. Healthy animals contribute to a calm breeder and an efficient farm.



BRUSHES Q AND A:

1. Where is the best location to install a brush?

The most common placement is on a crossover beam. This area usually offers the most available space, letting the brush move without any obstruction. Installing on a crossover beam gives cows access from both sides without blocking other animals from entering a stall.

2. How high should I install the ComfortBrush?

You should install the ComfortBrush mounting arm 88-96" / 2.2-2.4m from the ground to the bottom arm. For Calf Brushes, you should install the brush based on the size of your animals. As a rule of thumb, the bottom of the brush should hang right at the underbelly of the cow.

3. What type of power source will I need?

FutureCow's ComfortBrush is available in 110v/220v and 3-Phase 480v options. The Calf Brush is available in 110v/220v.

4. Do the rotating brushes run constantly?

No, a motion sensor is used to start rotating the brush when it detects that cows are nearby. After 60 seconds of inactivity the brush will automatically turn off.

5. How many cows can use each brush?

We suggest no more than 60 to 100 animals per brush. All of our cow brushes can accommodate multiple animals at the same time.

6. How do cows adapt to a new brush?

Cows are naturally curious, so it does not take long for them to start using a ComfortBrush. Within a week you should see your cows using the brush daily.

7. Will tail chalk be rubbed off with a ComfortBrush?

Unlike some other brushes on the market, FutureCow's rotating brushes are designed not to rub off tail chalk.

8. How long do ComfortBrushes last?

When 100 or less cows are given access to FutureCow's rotating brushes, we guarantee them for 2 years, and that includes wear on the brush. But a brush should last even longer than that. The 48" / 121.92cm brush can even be flipped vertically to extend its lifespan.

9. What maintenance is required?

Once a ComfortBrush is installed, it should require no maintenance. We do, however recommend you periodically inspect the shafts, roll pins, universal joint, screws for wear. Also, periodically inspect the gear box for any leakage of oil or grease. FLAP DUCT VENTILATION SYSTEM Q AND A

1. How do these systems work?

Positive pressure systems use a fan located at the end of the barn to deliver fresh outside air along a heavy-duty fabric tube. The tube carries fresh air the length of the barn and discharges it through holes located above each pen. Every tube is custom designed to each barn's unique pen layout.

2. What are these positive pressure tubes made of?

Two materials are available based on the application required. Most commonly, the tube is made of a durable, ripstop high-density polyethylene. If the tube will be exposed to direct sunlight, a vinyl material is available.

3. How long can the tube be?

Experience has shown an operating length of 200' / 61m for a single fan system is possible. Longer runs can be accomplished but will require specialized fan equipment and advanced design considerations. In most situations, a tube can ventilate a width of 20-25' / 6-7.6m.

4. Won't this added ventilation make it too cold in the winter?

Great care is taken in the design of each ventilation system to ensure that fresh air is delivered to the calf WITHOUT CREATING A DRAFT in cold weather. A properly designed ventilation system delivers a blanket of fresh air that gently settles over each calf. The use of variable speed fans and the internal membrane technology found in FLIP DUCT and FLAP DUCT offer unmatched air speed control.

5. I have fans in my barn already, isn't that enough?

Having fans in a barn does not mean the calf pens are adequately ventilated. Often the air inside the calf pen is poorly ventilated despite having numerous fans throughout the barn. If you are unsure about the ventilation status of your calf barn, call and schedule a calf barn ventilation evaluation with Dr. Leiterman.

6. Are these systems easy to install?

Yes! The positive pressure tube system comes complete from the manufacturer with with everything necessary for installation along with an installation diagram.



THE LIVESTOCK COMFORT SPECIALIST





By partnering with leading manufacturers, Agri-Comfort delivers the most innovative products and solutions from around the world. We bring knowledge and experience to ensure all livestock have the best products available. Our focus has always been on comfort and durability, with offerings that are farm-tested and livestock approved.

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