Celina Industries manufactures a comprehensive range of standard and custom ventilation curtains for swine, dairy, poultry and greenhouse applications. Agri-Barrier curtains provide natural ventilation during summer months and essential winter weather protection, while still allowing for natural light to pass. Standard curtain systems use no power, making them a green option for livestock ventilation.

Curtain Ventilation Systems with Triple Stitch Technology™

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Curtain Sizing:
The width of the curtain covers the width (or height) of the building’s opening. The length of the curtain covers the length of the building’s opening.

1. Measure the opening width and add approximately 6 inches or more.
2. Measure the opening length and add approximately 2 feet or more.

Material:
Standard material types include polyethylene (PE) and vinyl (PVC). The options for material widths range from 60”-196” seamless.

However, Celina reserves the right to join panels together utilizing our in-house fabric welding technologies. All curtain materials are engineered for agriculture use and are UV and abrasion resistant.

Width: A curtain’s finished width includes the top/bottom hems and optional pocket hems. Our standard hem is a 4” (medium) hem and utilizing our Triple Stitch Technology™ will produce a 2.75” pocket hem, which will receive up to a 1 ½” outside diameter tube. This chart demonstrates the standard hem gap and tube diameter when using Celina’s Triple Stitch Technology™:

Length: Standard roll lengths are 600’ for single hem and double hem curtains. Custom lengths are available by special order.

In most cases Celina’s stitching technology utilizes a chain stitch process for both the hems and pocket hems. When cutting the curtain in your facility or during the installation to reach a desired length, care must be taken to “re-seal” the compromised stitch via stapling, gluing or sewing. As per the nature of a chain stitch, once the stitch is cut it will continue to unravel. Celina Industries assumes no responsibility as to the warranty of the curtain if the above methods of “re-sealing” the curtain hems have not taken place.

Upgraded heat welded hems and pockets hems are available on all curtains; contact a Celina representative for details.

Standard Size Curtains with 4” Hem(s)

- 66” width – Double Hem
- 70” width – Single Hem

Curtain Width = Barn Width Opening + 6in.
Curtain Length = Barn Length Opening + 2ft

7.5 oz. Translucent Polyethylene
13 oz. Frosty Clear Vinyl
4.8 oz. Translucent Polyethylene
16 oz. Crystal Clear Vinyl
4.8 oz. Translucent Polyethylene
4.8 oz. Translucent Polyethylene

4” Hem
Hem Gap
Optional Pocket Hems
Triple Stitch Technology™
Finished WIDTH

Curtain Sizing:
The width of the curtain covers the width (or height) of the building’s opening. The length of the curtain covers the length of the building’s opening.

1. Measure the opening width and add approximately 6 inches or more.
2. Measure the opening length and add approximately 2 feet or more.
Ventilation Ducts:
Celina Industries manufactures ventilation ducts that are intended for simple, open ceiling applications using straight runs with or without 90 degree elbows. The ducts provide even distribution of air the entire length of the run. They can be used as an alternative for uninsulated metal duct and diffuser systems in traditional heating and ventilating applications. They will not dent, rust, rot or corrode, will never need painting and are an insignificant roof load.

Air Chutes:
Air Chutes can be manufactured to fit any size wall or cone fan. These are used to reduce/eliminate backdraft of your fans when they are not in use. Manufactured using our durable vinyl the air flow can be adjusted using the integrated cord that will cinch the chute closed.

Easy removal to clean for disease control

Fan Covers:
For added protection against unwanted drafts and weather, use the Agri-Barrier Fan Cover from Celina Industries. Made from our 6.5 oz coated vinyl, each fan cover protects agricultural storage and livestock buildings from incoming drafts that can enter through ventilation fan units. Each cover securely attaches to the fan, providing an energy efficient option for your ventilation needs. Just provide the dimensions needed and Celina will create a custom-sized cover to help you start saving money on climate control. If 6.5 oz vinyl does not meet your needs, we offer a variety of vinyl, nylon, and polyester fabrics.

Warranty:
Celina Industries warrants that Agri-Barrier curtains be free from defects in material and workmanship for a period as stated to the right, prorated following the date of purchase. Defects are limited to any defect which is a result of the manufacturing process. Excluded are holes, punctures, or other damages which can be caused during normal installation of a curtain. Celina Industries, at its option, will repair or replace this product or any component of the product found to be defective during this warranty period. This warranty is valid for the original purchaser only and is not transferable. This warranty does not cover normal wear or damage resulting from negligent use or misuse of the product, use contrary to instructions, repair or alteration by anyone other than Celina Industries or forces of nature.
Celina Industries can also help you protect your curtain by supplying an anti-billowing system. Our custom systems are made to fit your needs and designed with lashing winches, curtain cord, and seatbelt webbing. The anti-billowing system prevents wind and hard weather conditions from damaging your curtain. Contact a Celina representative for details.