

SINGLE ZIP END WALL KIT

ADD-ON FOR ACTIVEVISTA CATERPILLAR TUNNEL



ASSEMBLY AND INSTRUCTION MANUAL



Single Zip End Wall Application Guide

Suitable for all Caterpillar tunnel variants.

Thank you for purchasing our Single Zip End Walls.

All components have been carefully chosen by ActiveVista, manufactured from 190um woven UV treated greenhouse film and use the No.10 YKK, mould, rain and UV resistant commercial outdoor zip plus stainless steel eyelets to ensure that your end wall is built tough to work for you as expected over the seasons.

Note: Before attaching take the opportunity to decide if you want the End Wall film to sit under the tunnel film. Advantages of doing so include; not having to remove end walls to replace tunnel film. Applying the End Wall Film under the tunnel film will negate any issues related to removing and replacing tunnel film.

Alternatively if movement of tunnel is more likely it may be advantageous to place the End Wall on the outside of the tunnel film. To do so we recommend that you leave additional edge around the end wall film for easier reapplication after moving.

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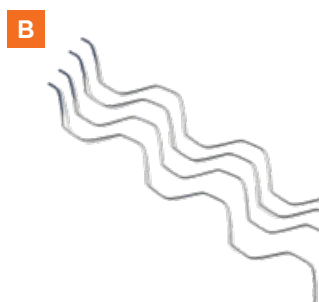
Component List

ActiveVista Single Zip End Wall Kits Include:

Label	Description	Qty
A	Single Zip-up End Wall	1
B	2m Wiggle Wires	4
C	32mm Brace Bands	2
D	Elastic Hook Straps	2
Optional Items: <i>(Type may vary to image)</i>		
E	27mm-35mm Wooden Rod, Metal Pipe: 2400mm	2
F	Metal Pegs for Eyelets	4



Component Reference Guide



REQUIRED TOOLS

- **Safety glasses**
(to be worn by each person)
- **2.4 metre ladder**
(with functional safe height to suit this construction process)
- **Side cutters**
(for cutting Wiggle Wire)
- **Scissors**
- **Pliers**
- **Hammer**



STEP 1

Unpacking the End Wall

Step 1A

Open the box, being mindful not to cut deeply to avoid damaging your end wall.

Step 1B

Remove the Snap-Lock bag with **Brace Bands (C)** and **Elastic Strap Hooks (D)**.

Step 1C

Remove the **Wiggle Wire (B)** (see image: Step 1).



STEP 2

Add Brace Bands to the Hoop

If retrofitting, the Locking Channel will need to be loosened to apply the **Brace Band (C)**.

Step 2A

Locate a point on the locking channel around chest height, and loosen two of the fixing screws (*see image: Step 2A.2*).

Step 2B

Splay open the **Brace Band (C)** with the pliers, enough to push the **Brace Band (C)** onto the hoop.

Step 2C

Diagonally directing the **Brace Band (C)** towards the tunnel center, add the nut and bolt, ensuring that the nut is facing the inner tunnel (*see image: Step 2C*).

Step 2D

Reattach Locking Channel and Film (*see image: Step 2D*).

STEP 2A.1



STEP 2A.2



STEP 2C



STEP 2D



STEP 3

Lay Out the End Wall

Step 3A

Unfold the **End Wall Film (A)** vertically across the front of your tunnel, checking that the zip handle is at the ground position facing outwards and the zip fabric is facing the inside of the tunnel (*see image: Step 3A*).

Note: Image shows prototype, yellow lines will not be present on end wall.

Step 3B

Position the ladder so that the **Zip-up End Wall (A)** is now between the ladder and the end hoop (*see image: Step 3B*).



STEP 4

Attaching the End Wall

Step 4A

Take 1 x **Wiggle Wire (B)** and, using the ladder, lift the top edge of the **Zip-up End Wall (A)**, placing just enough, e.g. 10cm, over the locking channel at the tunnel's central peak - **Position 1**. Temporarily attach the **Zip-up End Wall (A)** film to the locking channel with the end of the **Wiggle Wire (B)**, 15-20cm of wire is sufficient (see image: Step 4A).

Step 4B

Move down to one side of the hoop. Temporarily attach the film to the hoop ensuring that the base flap of the **Zip-up End Wall (A)** is laying flat with the eyelets on the ground facing upwards - **Position 2** (see image: Step 4B).

Step 4C

Note: Check that the underlying tunnel film is not doubled up in the channel before applying wire to the channel.

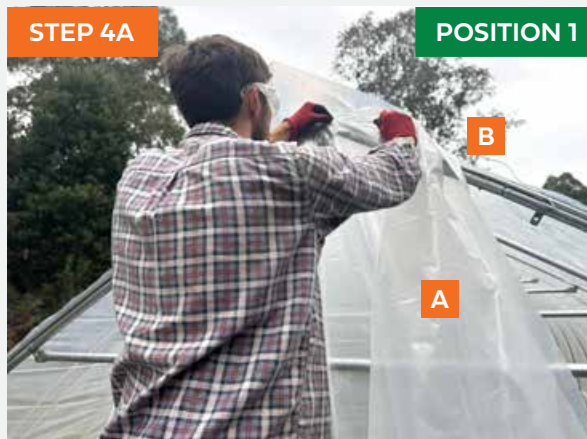
Move to the remaining side, check that the same amount of film excess goes past the end of the hoop for both sides at the ground level and that the base flap is neatly positioned. Start attaching the **Wiggle Wire (B)** from ground level while keeping the woven greenhouse film semi taught .e.g don't actively pull it tight, just keep it in place as you apply the **Wiggle Wire (B)** - **Position 3** (see image: Step 4C).

Step 4D

After attaching about **1 metre of wire**, move back to the centre top, **Position 1**, and lift the film into the correct placement, checking that the base flap is well positioned at ground level. Return to **Position 3** and continue applying **Wiggle Wire (B)** up the side, across the top and down the other side, removing the temporary wires as you go. Cut off any excess **Wiggle Wire (B)** with side cutters or similar (see image: Step 4D).

STEP 4A

POSITION 1



STEP 4B

POSITION 2



STEP 4C

POSITION 3



STEP 4D



STEP 5

Check End Wall Position

Step 5A

Check that the Zip easily opens up and closes and that the film is not overly taught. If required, loosen the film by releasing wire and reapplying.

Step 5B

Check at the same time that the base flap is correctly positioned and that no additional film is touching the ground. If so you will need to undo the full wall and raise it to correct (*see image: Step 5*).



STEP 6

Cut Off Excess Film

Step 6

Note: Depending on your tunnel series, e.g., Cocoon, Gothic, Standard or Pro, you will have more or less excess film. The Zip will also need to be cut during trimming

Starting from the base on one side, trim the excess **End Wall Film (A)** film, leaving 15mm-25mm past the Locking Channel. When you reach the central peak, you may need to cut through (*be very careful to not cut the underlying tunnel film*) the Zip, before continuing down the other side (*see image: Step 6*).



STEP 7

Eyelets & Base Flaps

Step 7A

You may choose to secure your tunnel end wall to the ground by applying pins or pegs to the eyelets on one or both sides (see image: Step 5B).

Step 7B

Similarly a **2400mm pole up to 32mm in diameter, made of timber (E)** can be inserted into the sleeve on the base flap. You may choose to apply to one or both sides.

STEP 8

Rolling Up Sides
Attaching Strap Hooks

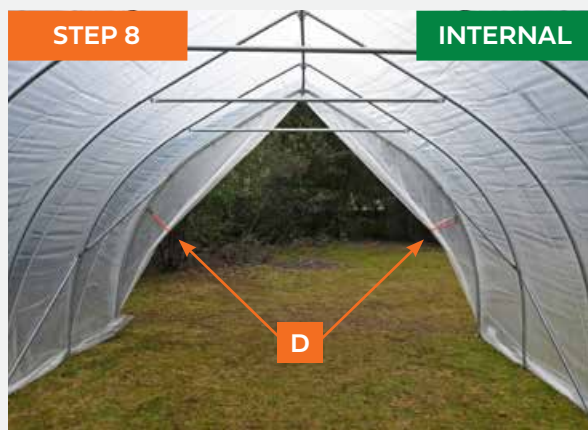
Note: Base flap does NOT require any insert to be folded up to the hoop position.

Step 8A

Hook one end of the **Elasticated Strap (D)** onto the bolt of the **Brace Band (C)** positioned on the *inner hoop edge*.

Step 8B

Roll sides up starting from the *zip edge* back towards the *inner hoop edge*. Pull the **Elasticated Strap (D)** hoop around to the outer hoop edge and hook into the locking channel (see image: Step 8B).





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