



Acopian BirdSavers
(a.k.a. Zen Wind Curtains)



**Prevent birds
from flying into
windows.**

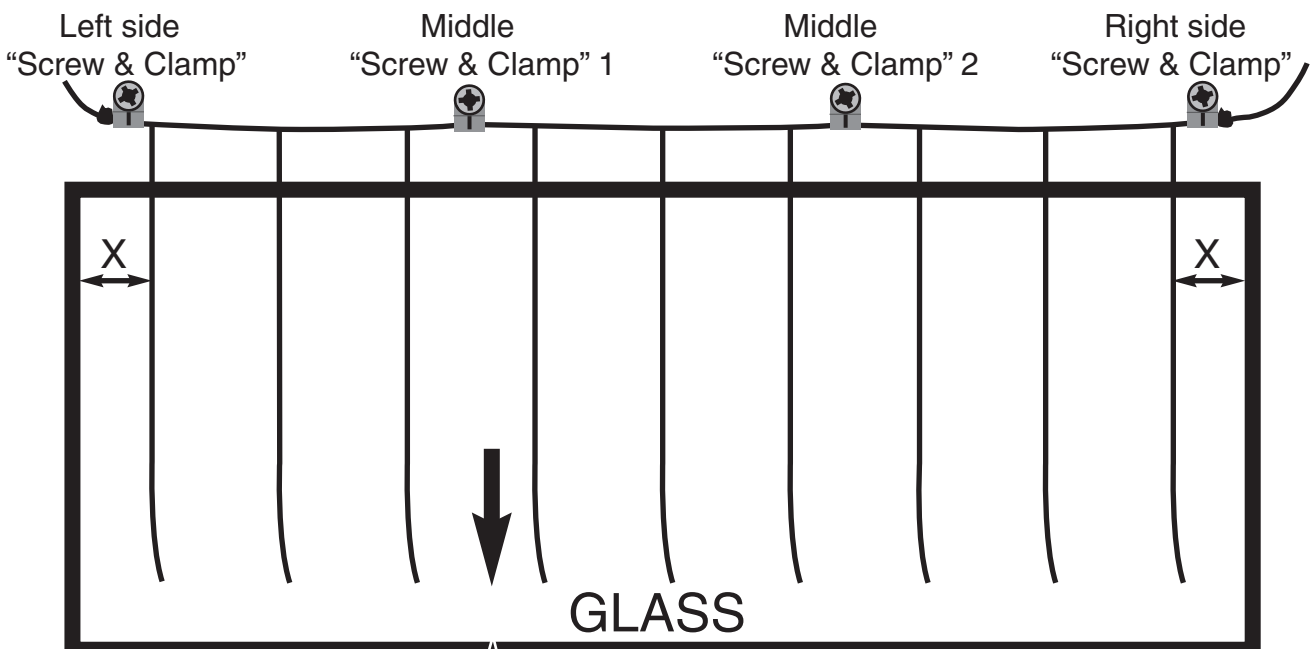
- ▶ Very elegant solution.
- ▶ Very simple design.
- ▶ It works!

www.BirdSavers.com 131 Loomis Street Easton, PA 18045 USA Phone: 610-258-6149

You can order Acopian BirdSavers custom made for your windows at www.BirdSavers.com.

Installing Acopian BirdSavers using Screws and Clamps:

1. Hold the BirdSavers up to the window so that distance X is the same on both sides as shown in the drawing below. (For very wide windows, and therefore wider BirdSavers, you may want to have a 3rd hand to hold up the middle.) Use this "X" distance as your reference when starting the next step (step 2).
2. Hold the left side of the BirdSavers in the final position (on the outside of the window) where you would like it to be mounted. Mark the exact spot where the screw of the Screw and Clamp assembly on the left side will be mounted (or the right side if you prefer to start on the right side). Use an electric drill (preferably cordless!) to drill a pilot hole at that spot; use a 7/64" size drill bit. A 1/8" size drill bit will also work. (The screws that come with the BirdSavers are #6 x 3/8" stainless steel sheet metal screws.) There is no need to remove the screw from the clamp. After the pilot hole is drilled, use a manual screwdriver to simply screw in the screw. I recommend using a manual screwdriver, instead of an electric screw gun, because if you use an electric screw gun it is easy to use too much power. This may cause the screw head to break off, or if the material is softer than metal, the screw may strip the threads in the hole if too much force is applied.
3. Move on to the next Screw and Clamp which, if you started on the left side, is the "Middle Screw and Clamp 1". Position the Screw and Clamp midway between the two vertical cords. Then do the same thing here; mark the spot where the pilot hole for the screw should be and then drill a small diameter pilot hole for the screw. There is no need to remove the screw from the clamp. After the pilot hole is drilled, simply screw in the screw.
4. Continue this same procedure for any remaining middle "Screw and Clamps" and then do the same for the Right Side Screw and Clamp.
5. After all the Screw and Clamps are installed, if you misjudged the cords so that the distance X is not equal on both sides, you can simply untie either end knot and make any adjustments needed. The top BirdSavers cord will slide through the clamps.
6. Any kinks or curves in the 'hanging cords' can be smoothed out by holding the offending cord near the top with your fingers and then pulling (straightening) the bottom of the cord with your other hand.



The BirdSavers have been designed and built so that there should be some space between the bottom of the cords and the bottom of the glass. The space should be about 2.5 inches or less.

We don't recommend installing BirdSavers if you need to get on a ladder to install, because of the inherent danger in climbing a ladder.



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Installing Acopian BirdSavers using Aluminum Velcro Tabs:

Choose one of these methods to install Acopian BirdSavers:

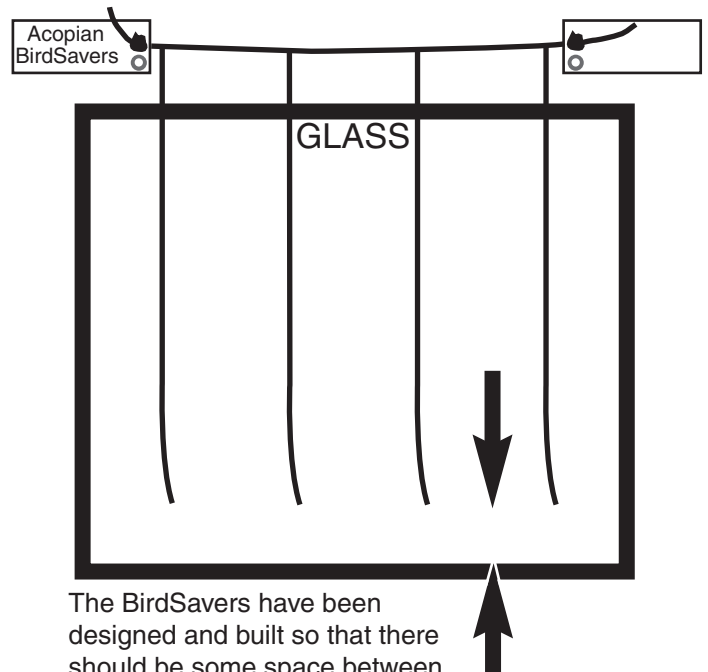
Method 1: Attach the Aluminum Tabs to the structure using the adhesive velcro. This is probably the simplest method, but the velcro/adhesive method may not last forever. There are many factors that determine how long the BirdSavers will stay in position using this method. One factor is the window frame material because the velcro adhesive adheres to some materials better than others. How hot that microclimate becomes is also a factor. We haven't done exhaustive tests on the 'velcro holding power' but we can say that in many situations the velcro is still holding BirdSavers in place after many years, but we've also seen some instances where the velcro 'failed' in less than a month.

Method 2: Put a screw in the extra hole on the Aluminum Tabs to hold the BirdSavers in place. With this method, the BirdSavers should stay in place as long as the building stands!

Method 3: Untie the cords from the Aluminum Tabs and tie the cord ends to appropriate anchor points. With this method also, the BirdSavers should last as long as the building stands!

Installing Acopian BirdSavers using the Aluminum Velcro Tabs:

1. Hold up the BirdSavers by the two aluminum velcro tabs. Hold a tab in each hand oriented so you can read "Acopian BirdSavers". Untangle any tangled cords so that they hang down smoothly.
2. Hold the BirdSavers against the window in the position that it should be in when it is in its final position - Position the BirdSavers so that the two 'hanging cords' on each end are the same distance from each side of the window. To make it a little easier later, you can put a piece of masking tape (or some other temporary marker) in line with one of the 'hanging cords' to serve as a reference point. Clean the small area of the building where the aluminum velcro tabs will be attached.
3. When you are comfortable with where the BirdSavers will hang, you can remove the tape covering the adhesive on the back of the velcro tabs. Then hold the BirdSavers in position and press down on the velcro tabs into its final position. The adhesive on the velcro tabs reaches its maximum strength after 24 hours. So after everything looks good, you may want to remove the BirdSavers for 24 hours to let the velcro adhesive harden.
4. Any kinks or curves in the 'hanging cords' can be smoothed out by holding the offending cord near the top with your fingers and then pulling (straightening) the bottom of the cord with your other hand.



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