Univent Automatic Opener for Bi-Fold Doors Instruction Manual 8187

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The standard Univent Automatic Vent and Window Opener is designed as a temperature-responsive opener for typical greenhouse windows and traditional cold frame coverings. Those instructions for installation are included with this specialized model of Univent Automatic Opener designed to accommodate the lifting of a bi-fold door. A special mounting block is included with the opener to allow it to be installed successfully.

Materials Included:

- Automatic Opener
- Mounting block
- 4 Philips-head screws
- Bag of hardware

Additional Materials:

- Philips-head screwdriver
- Drill
- Measuring tape
- 3 Philips-head screws



1. Remove the Univent from the box and remove parts from packaging. **Note:** Not all parts are used, but are included for other applications.

2. Locate the metal bracket within the Univent box, 4 screws from the bag of hardware, and the wood mounting block. Predrill holes for the screws on the wooden mounting block to prevent splitting. Using 4 screws, fasten the metal bracket to the mounting block along the wide-side of the block near the top, flat edge, as shown on the left.

3. These next steps are also explained on the Univent instruction sheet should you have any questions. Take the black cylinder and thread it into the holder, lining it up with the sleeve at the same time. Thread it only a few turns, not all the way. Find the smaller of the wire clips and insert it through the hole in the sleeve and piston rod. Use the hole closest to the end of the piston rod. Push it firmly in place so it won't fall out.

4. Squeeze the mounting arms together and slide it onto the mounting bracket as shown in figure #7 of the standard Univent Automatic Opener instructions.

5. With the assembled metal bracket attached to the wood, secure the block to the inside of the rear wall of the cold frame with 3 screws. Line the roller of the automatic opener up with the center of the bi-fold door. Hold the wood block with the longest side against rear wall, the angled end pointed downward, and the top of the block 2¼ inches below the top of the board(s) it attaches to. Hold firmly in place and install the 3 screws securely.



Univent Adjustment: The only adjustment is the threading in or out of the cylinder. With the temperature cool enough so you'd like the door to be closed, adjust the cylinder so the wheel just touches the door and will start to open it as soon as it expands.

Winter Storage: It is recommended that your Univent – or at least the cylinder – is removed from your greenhouse or cold frame for the winter and stored in a dry place. Lubricate the piston rod before remounting in the spring and check that the piston rod moves smoothly.

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