

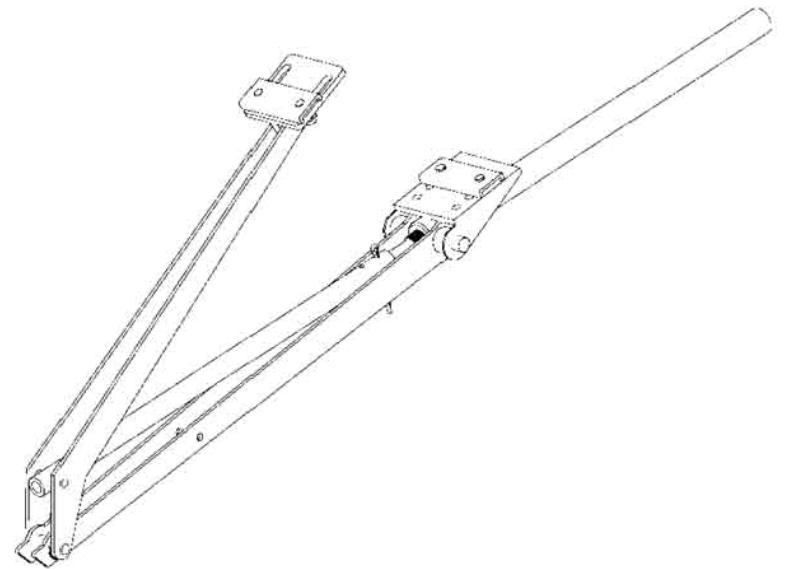


Automatic Greenhouse Window Opener

Ventmate® Series

Ventguard® Series

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Automatic Greenhouse Window Opener Installation Manual

For use with the Ventmate and Ventguard series

Note:

- * Please read this installation manual before use.
- * Do not use the Automatic Greenhouse Window Opener at anywhere the temperature will exceed 60°C (140°F).
- * Please ensure your greenhouse window can be opened freely at least 45cm (18”).

Working Condition:

- * Start to open at 15°C-23°C (59°F-73°F)
- * Fully open temperature 35°C (91°F) or above
- * Fully open distance 45cm (18”)
- * Maximum open weight 7kg (15 lb)

Storage and maintenance:

- * Lubricate all moving parts after installation. Lubricating occasionally is recommended.
- * It is recommended to take off the Opener, at least take off the cylinder from the Opener when it is not in use or during cold seasons, before reuse, lubricate and check the piston rod and make sure it can work smoothly.
- * The opener should be shelved in a dry place.

Guarantee:

- * One year limited guarantee is offered for material and proper workmanship under appropriate usage.

Installation Guide:

If the window frame is made of wood, screw the brackets on it directly by woodscrews. Skip to step 2.

1. Loosely connect a clamp (part.3) to one of the bracket (part.2) by 2 screws (part 4), choose the most suitable hole to connect another clamp to another bracket by the left 2 screws.(see fig 1),
2. Ensure the 2 brackets are as close as possible to the edge of the window frame (see fig 2).
3. Drive the cylinder (part 1) into the nut (part 8), meanwhile put the piston rod (part 7) into the aluminum tube (part 5). (see fig 1), when the hole of both piston rod and

aluminum tube are in line, put the pin (part 6) across them. **THE HOLE A IS THE START POINT.** (See Fig 4)

4. Drive off the cylinder from the nut, and keep the piston rod and aluminum tube connected by the pin.
5. Close the window and put the assembled Opener on it, then tightly driver the screws (see fig 3).
6. Gradually open the window, and then rotate the cylinder into the nut until the screw is protruded.
7. Release the window, installation is completed.

Adjust:

Rotate the cylinder clockwise to lower the open temperature or anticlockwise to increase the open temperature.

Part list:

1. der
2. Bracket
3. Clamp
4. Screw
5. Aluminum tube
6. Pin
7. Piston rod
8. Nut

