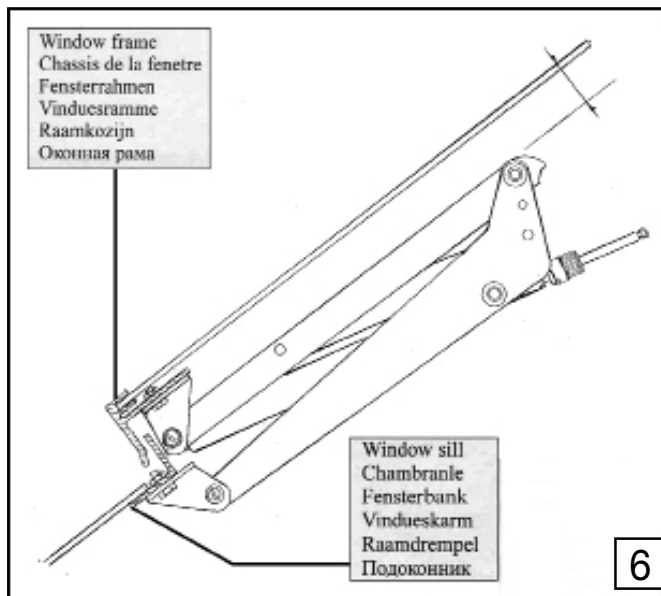
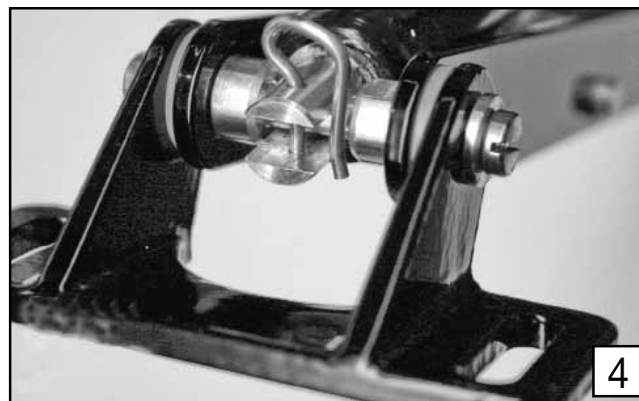
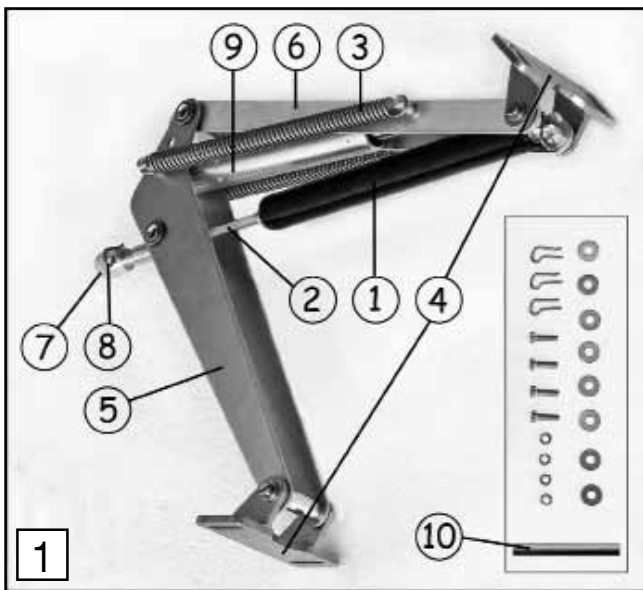


# MEGAVENT STORM



## MOUNTING INSTRUCTIONS FOR MEGAVENT WINDOW OPENER FOR HOBBY GREENHOUSES

Congratulations on your new Megavent Window opener. Since 1981 J. Orbesen Teknik has manufactured high-quality Danish window openers. With a J. Orbesen Teknik product you are ensured long life and guarantee for spare parts.

### PRODUCT DATA:

Megavent is equipped with a VERY powerful closing spring. Be careful not to injure your fingers!

- Megavent is not suitable for use at temperatures + 60 degrees centigrade.
- Megavent opens a window up to max. 40 cm.
- Megavent has an opening force of max. 12 kg. Max. window weight 24 kg (12 kg for the window hinge and 12 kg for the opener)
- The window must not be locked or blocked when Megavent is installed.

Megavent consists of: (photo 1)

- 1: Cylinder with piston rod
- 2: Piston rod
- 3: Closing spring
- 4: Fitting brackets
- 5: Wide arm
- 6: Narrow arm
- 7: Adjustment screw
- 8: Split pin (x 2)
- 9: Storm safety mechanism (hydraulic damper)
- 10: Mounting stick (only used for mounting)

### MOUNTING INSTRUCTIONS

Important before mounting is begun. Place the cylinder in the refrigerator for 30 minutes, after that the piston rod can be pushed about halfway in when pushed against a hard surface.

Place the mounting stick between the opener's arms, making the opening about 10 cm (photo 2)

Mount the piston rod by placing it in the adjustment screw (photo 3)

Fix the opposite end of the cylinder and lock it with a split pin (photo 4)

Remove the mounting stick

Megavent is now ready for mounting on the greenhouse window.

### MOUNTING ON THE GREENHOUSE

Important before mounting is begun: If the accompanying screws do not fit your greenhouse then you must find suitable screws.

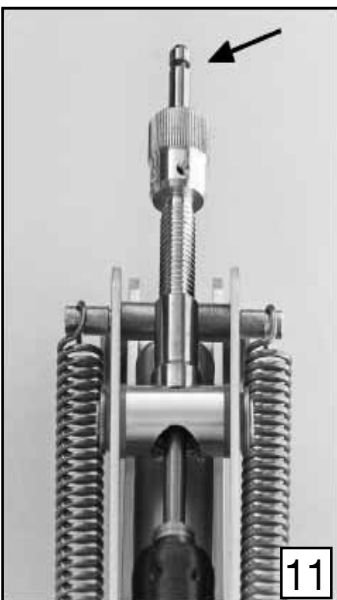
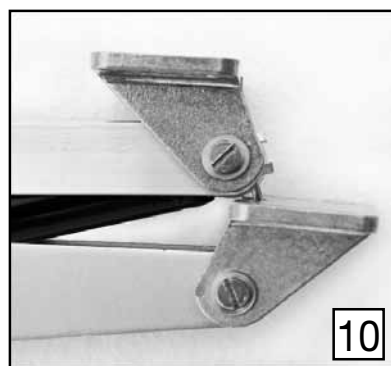
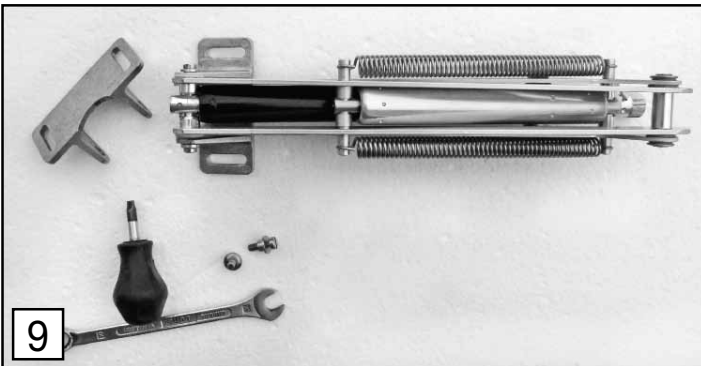
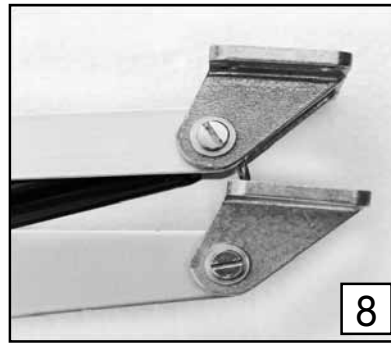
Place Megavent on the window frame and sill. The narrow arm must face the window and be parallel to the glass (photo 5 & 6)

The fitting brackets on the narrow arm must be fixed on the window frame so the narrow arm is parallel to the window. The fitting brackets on the wide arm must be fixed on the sill.

Before the fitting brackets are fixed: Turn the adjustment screw until the arms open enough for both fitting brackets to fit the window frame and sill respectively.

Important: Check that the fitting brackets are placed in the best possible position in relation to frame and sill. Megavent must not be placed as in photo 7.

Important: Megavent is designed to be used with all windows. The fitting brackets



can easily be unscrewed and turned for another adaptation.  
The fitting brackets are turned by removing the two slotted screws (photo 8-9-10)

Fix the fitting brackets with suitable screws.

Screw the adjustment screw halfway out.  
Now the piston rod is locked in the adjustment screw with the other split pin\*.  
Important: The split pin must go through the groove at the end of the piston rod, see photo 11, so it will lock both ways. Lift the window with one hand, until the hole in the adjustment screw is flush with the groove in the piston rod and insert the split pin (photo 12)

\*If it is very hot the cylinder will have started working, and the piston rod may be pushed out so far that the split pin cannot be mounted. Then it is necessary to cool the cylinder again in a refrigerator and push the piston rod halfway in, before the split pin can be placed correctly.

Megavent is now ready for use and will start working.

Adjustment of the temperature in the greenhouse  
Important: For adjustment: Lift the window with one hand so the load on the adjustment screw is reduced and then turn the screw.

If you want a lower temperature: The adjustment screw is screwed further into the fitting.

If you want a higher temperature: The adjustment screw is screwed further out of the fitting.

#### IN GENERAL MAINTENANCE

Lubricate all moving parts also the piston rod with oil once a year.

#### WARRANTY

We offer a 2 year warranty on openers that are mounted correctly and used according to our directions.

If you have any questions you are more than welcome to contact:

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or [www.greenhouse-vent-opener.com](http://www.greenhouse-vent-opener.com)

We hope you enjoy and get a lot of benefit from Megavent.