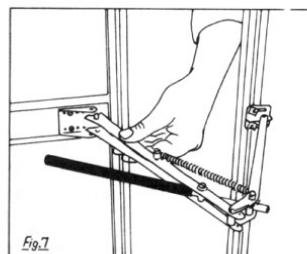
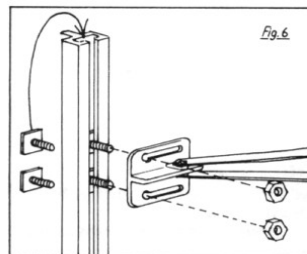
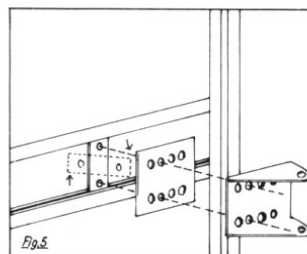
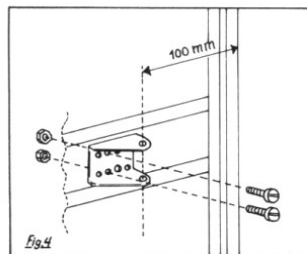
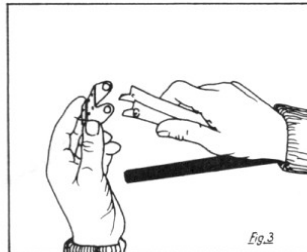
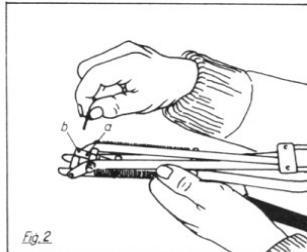


## Environmentally friendly

due to working by the use of nature's own materials : expands + retracts by heating + cooling of wax, which consists of plant oils  
(= harmless to humans even if licked, as opposed to electricity failures)

7

## Dutch door opener



### Fitting Instructions:

- Important!** The sliding door must run smoothly both when opened and closed. If not, it must be adjusted and lubricated.
- Push the piston rod (3) through the cylinder housing (2) into the clutch-T (4). The hole in the piston rod is placed in line with hole »a« in the clutch-T. The hairpun (5) is put through the holes. See Fig. 2.
- Separate the frame furniture (9) from the opener as shown in Fig. 3.
- Mount the frame furniture (9) on the centre bar/horizontal section of the door. Place the furniture as shown in Fig. 4. The frame furniture (9) can be mounted on some types of doors by means of the fittings (11) and (12). See Fig. 5. If not, two 5 mm holes will have to be drilled in the centre bar and the furniture be fixed as shown in Fig. 4. The centre bar used in some types of greenhouse doors is so narrow that only one row of the frame furniture holes can be used. In this case it will be necessary to drill an additional hole in the frame furniture in order that it can be fixed with two screws.
- Mount the door furniture (10) as shown in Fig. 6. See that the opener is at the same level as the frame furniture (9). Where double sliding doors are used, the door furniture will have to be fixed on the centre bar of the second door and two 5 mm holes be drilled so that the furniture (10) can be fixed by means of these holes and two of the 4 mm screws and nuts supplied.
- Re-assemble the opener as shown in Fig. 7.
- Open the door enough to allow you to screw the cylinder into the cylinder housing. Screw in the cylinder until the thread is equal length on both sides of the housing and release the door. If you want to open or close the door yourself, just separate the opener from the frame furniture again.

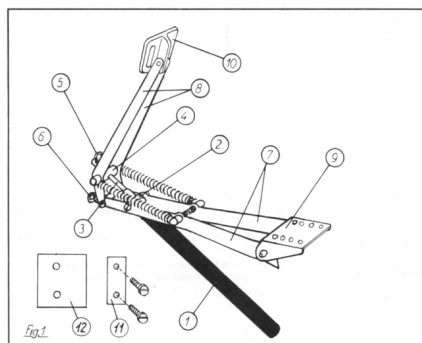
### Adjustment:

It is recommended that the opener be adjusted when the temperature in the greenhouse is constant, as it takes some time before it has reacted completely to changes of temperature. If you want the door to start opening at another temperature, adjustment may be made by turning the cylinder:

**Clockwise:** To achieve an earlier/larger opening.  
**Counterclockwise:** For a later/smaller opening.

One turn corresponds to approximately 0,5° C/1° F.

Bracket 11+12 for use as shown on Fig.5 are not delivered with the Univent auto opener.



Bracket 11+12 are examples only. Whatever is needed on your make of greenhouse will have to be made by you on site.