

SESAM LIBERTY

Automatic louvre opener

PLEASE NOTE :

1. The opener must not be heated to more than 50°C
2. The window must always be able to open - it must not be obstructed

COMPONENTS : SEE FIG.1+2

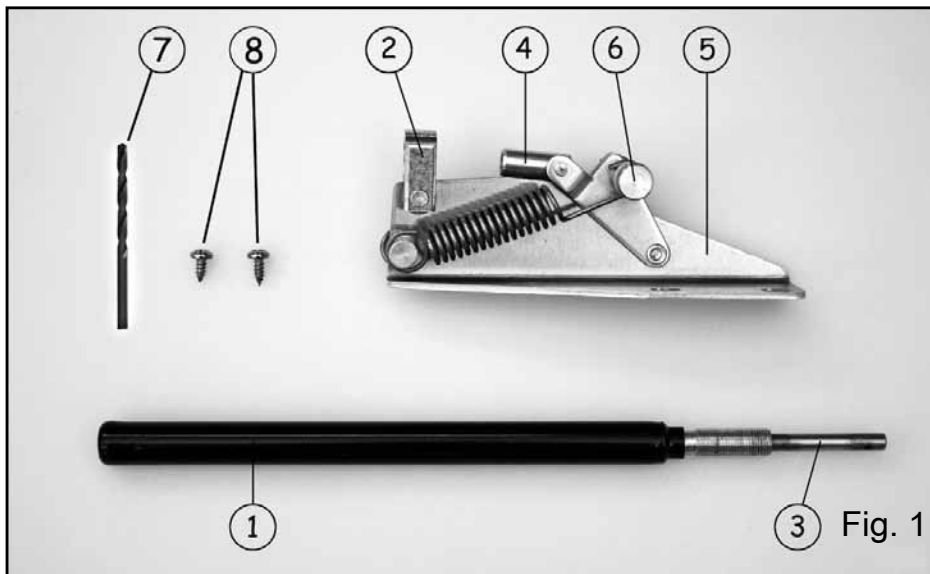
1. Cylinder
2. Cylinder-housing
3. Piston rod
4. Piston rod holder
5. Frame
6. Winged screw
7. Metal drill
8. Self cutting screws

See Fig. 2

- A Handle
- B Louvre arm
- C Louvre frame

FITTING INSTRUCTION :

Leave the cylinder (1) in a cool place (fridge or cold water) at less than 10°C for at least 30 minutes



1. Ensure that the louvre moves smoothly and lubricate with light oil
2. It is easier to install the opener if the louvre mechanism ('C) and its handle (A) is dismantled from the greenhouse - see fig.2
3. Dismantle the handle (A). If fastened with rivets these need to be filed or drilled out.
4. Remove the winged screw (6) - fit the connecting arm (B) to the opener and reinstall the winged screw - see fig.3
5. Place the opener where the handle used to be, push the opener towards the connecting arm until the mechanism is fully closed.
Mark the position of the 2 fitting holes in the arm of the opener (5) onto the louvre mechanism.
6. Drill 2 new holes using the enclosed 3,2 mm metal drill
7. Fasten the opener using the enclosed self cutting screws, but tighten only loosely for the time being - see fig.4
8. Reinstall the total louvre panel onto the greenhouse
9. Once more push the opener towards the connecting arm until the louvre is fully closed, and then tighten the screws
10. Press the piston rod (3) on the cooled cylinder (1) into the cylinder by holding it against a table top or the floor - see fig.5
11. Wind the cylinder into the cylinder-housing (2) until equal much of the thread is visible on either side of the housing. Ensure that the piston rod has been entered into the rod holder (4) - see fig.6

The opener is now ready, and it will start working once it has received enough heat from the environment. It may take several hours before the cylinder has adapted to the temperature in the greenhouse.

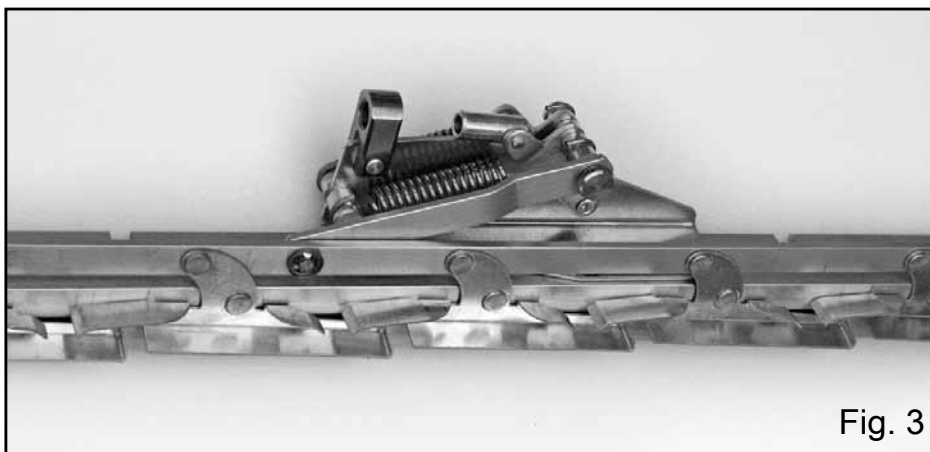
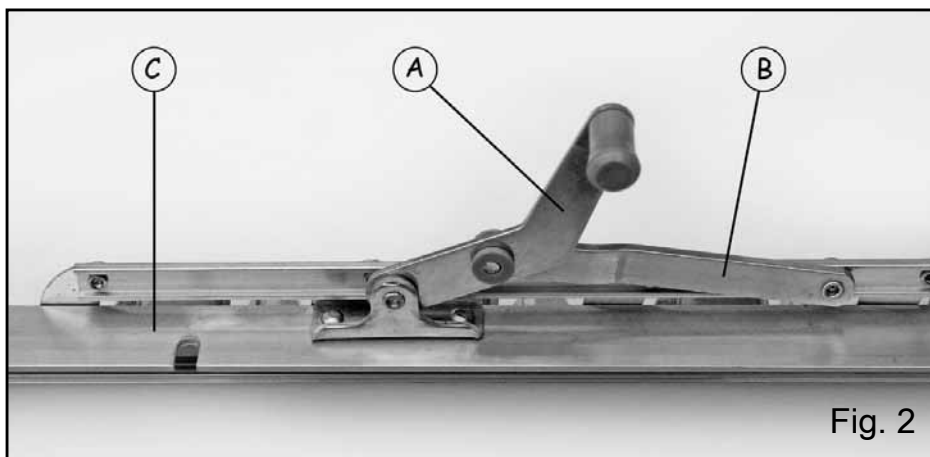
If you wish to operate the louvre manually dismantle the connecting arm from the opener, and then open and close the close as you wish.

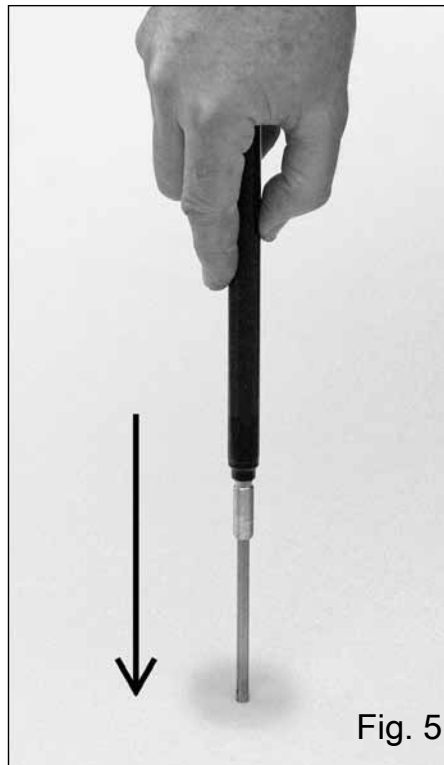
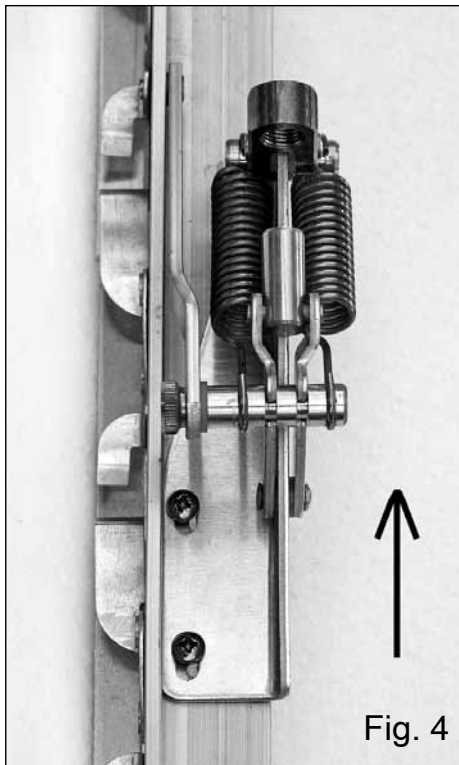
MAINTENANCE :

Lubricate all movable parts with light oil after fitting - as well as at the beginning of each Spring and once or twice during the Summer. Use grease or petroleum jelly for lubrication on the cylinders thread.

WINTER STORAGE :

Dismantle the cylinder and store it in a dry place through the winter. Now don't forget to lubricate especially the piston rod and the cylinders thread before mounting it next Spring. Do ensure that the rod moves smoothly forwards and backwards.





GUARANTEE :

A correctly fitted and used louvre opener is guaranteed for 1 year if maintained in accordance with our instructions.

ADJUSTMENTS

We recommend to adjust the louvre opener while the temperature in the greenhouse is constant, as it takes some time for the cylinder to respond completely to temperature changes. To make the opener start opening at a different temperature, adjustments are made by turning the cylinder :

CLOCKWISE

= achieving an earlier start / higher opening width

COUNTER CLOCKWISE

= later start / lower opening width

One turn equals appr. 0,5°C / 1°F

Beware that the temperature varies quite a lot inside the same greenhouse and at the separate windows, as well as it differs from the centre of the greenhouse to along the glassed sides.

