

Do you have

Shutters / louvers?

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Do you have

**1)
Heat
activated**



**2)
Non
electric**

3) automatic openers ?

The answer is: Sesam Sesam (Liberty)

Easy to install

Dismantle any existing handles and ensure that the shutter moves smoothly – otherwise adjust and lubricate before installing the automatic opener (called Liberty).

Loosely fit the Liberty and ensure that it aligns with the shutter frame. Mark the position and drill any necessary holes for fitting the Liberty. If needed also use the enclosed stepped link arm.

Easy to adjust

Hydraulic cylinders can have its start opening temperature adjusted by $\pm 5^{\circ}\text{C}$ / $\pm 10^{\circ}\text{F}$ for easy adaptation to your local conditions. Then it can start to open and close before it is too late, e.g. if cloud cover keeps changing - or to prevent damaging drafts on your plants, if it suddenly starts getting windy. Remember to lubricate all movable parts including the piston rod at least once a year in order to extend the lifetime of the opener.



Positioned to the left



Sesam
Liberty



Positioned to the right

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)

Why choose Solar-Vent-openers from Orbesen ?
Because we have: FEWER FAULTY OPENERS

1) Our rate of faulty openers is far below 5 in a 1000, thereby ensuring you of reliability. 2) The average lifetime of our hydraulic cylinder is 10 years but some last even 20 years. 3) Such durability ensures that all the work and effort you have spent in nursing your plants is not wasted, as it would be by an electric device that ceases to function by a power cut in the middle of the day, while you are not there, causing the subsequent temperature increase to kill your plants.