

# OPERATING INSTRUCTIONS

# Winboy®

## The automatic Window closing mechanism

**RÄBER, technische Geräte, CH-6024 Hildisrieden**  
Tel. 041 461 00 80, Fax 041 461 00 82, Email praeber@gmx.ch

water or dust.

- In order to reduce the amount of force required to close the window, install the 'Winboy' as far as possible from the window hinge.
- The 'Winboy' can be mounted on the top, bottom or side of the window frame. Refer to Figure A.
- When space is restricted, the 'Winboy' can also be mounted to the top or bottom of the window casement. Refer to Figure B.
- Aluminium or steel window frames should be pre-drilled with the required holes (2.4 mm) into which a female M3 is cut. When mounting the 'Winboy', M3 countersunk screws should be used.
- The 'Winboy' *must* be mounted using the mounting holes provided in the unit body. If the unit is only stuck onto the window frame it may be pulled from the frame when the closing cord is retracted.
- Make sure that the instructions label is clearly visible when the unit is installed.
- Although the 'Winboy' is intended primarily for use with side-hinged windows, it can also be used to close small bottom-hung windows. As, in this case, only a small fraction of the total cord length is used, it is recommended that the cord be shortened. This will increase the overall closing force generated by the mechanism.

5

### Intended usage

- Closure of a window casement at the end of a pre-set period.
- Usage for tasks other than the above is not approved.

### Attention! Read these instructions!

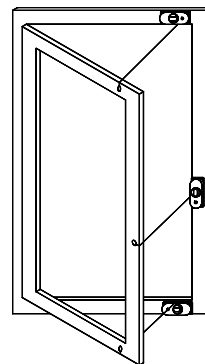
Please read these Operating Instructions carefully. In the event of damage to the unit or other items resulting from inattention to the Operating Instructions the unit guarantee will not be valid, and the manufacturer will bear no responsibility.

### Proper ventilation

In order to ventilate a room properly, it is necessary to open the window wide open for a short time, and then to close it again. Windows should *not* be left permanently ajar – a window left open for one day allows between 2 and 4 kilowatt-hours of energy simply to disappear into thin air!

If you accidentally leave a window wide open, even more energy is wasted. In addition, it will of course become uncomfortably cold and draughty in the room, and the open window is an Open Invitation for any passer-by to climb in! This is where the

2



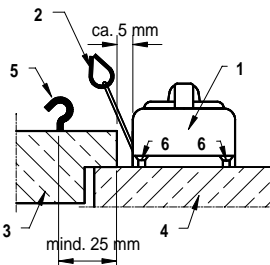
### A

Winboy mounted on the side, top or bottom of the window frame

- 1) Winboy
- 2) Safety ring
- 3) Window casement
- 4) Window frame
- 5) Hook
- 6) Screw, 2.5x16

**Attention:** In order to ensure the correct function of the safety ring, the hook should be mounted at least 25 mm from the edge of the window.

6



'Winboy' can help you. After a pre-set time (which you can adjust) it automatically closes the window.

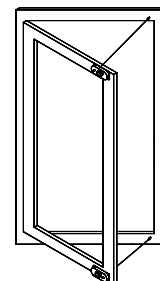
### Description of operation

The cord of the 'Winboy' connects the window frame to the casement. When the window is opened, the cord is pulled out of the 'Winboy' and placed under tension by a spring inside the 'Winboy's body. A clockwork mechanism prevents the cord being retracted immediately. Only after the pre-set time has elapsed will the cord be retracted and the window closed. An internal brake ensures that the window closes slowly, rather than slamming shut.

### Safety precautions

- The 'Winboy' body should not be opened. The closing spring inside the body is pre-tensioned during installation and could cause injury if it is abruptly released.
- The window-closing mechanism is not a toy! Keep it away from children.
- When the window casement is pulled closed, anything caught in the window hinge will be damaged. Ensure that the window hinge is out of reach for children and pets, and that solid objects cannot fall into the open hinge and damage the

3



### B

Winboy mounted to the top or bottom of the window casement.

- 1) Winboy
- 2) Safety ring
- 3) Window casement
- 4) Window frame
- 5) Hook
- 6) Screw, 2.5x16

**Attention:** Ensure that when the window is opened and closed the Winboy's closing cord does not chafe on any part of the window frame.

Ensure that the window frame wood does not splinter when the mounting screws are inserted. (If necessary, pre-drill the mounting holes.) Ensure in particular that the hook is mounted as securely as possible.

7

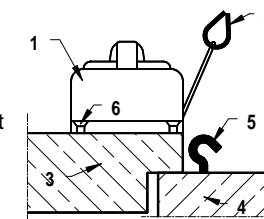
window frame when the window is subsequently closed.

- If the 'Winboy' alone holds the window closed, it can easily be pulled open from outside. Therefore, it is recommended that the window is subsequently secured manually. Alternatively, an anti-burglary device could be fitted to the window.

### Installation

- Do *not* install the 'Winboy' at eye level. (If the window is quickly pulled open beyond the length of the cord, the safety ring will spring open and release the cord. The cord will then whip-lash and could cause injury.)
- Before installation, confirm that the mounting screws supplied with the unit are suitable for your window frame. In particular, confirm that your window frame does not contain any metal reinforcement, which could make the insertion of a self-tapping screw impossible.
- Ensure that the window moves freely. Any sticking, blocked or loose windows should be adjusted or repaired by a specialist before the 'Winboy' is installed.
- Although all parts of the 'Winboy' are corrosion-proof (Plastic or Stainless Steel), ensure that when mounted the device can be kept clear of

4



### Operation

- The cord is *only* to be attached to the hook with the safety ring. (To make sure that, if the cord is overloaded, the safety ring will open to protect the rest of the mechanism.)
- Set the required time-to-closure *before* the window is opened. (Once the cord has been pulled from the device body, the set time can be reduced, but not increased.)
- The minimum time-to-closure (with the time control turned fully anti-clockwise) is approximately five minutes, assuming that the cord is fully extended.

The maximum time-to-closure (with the time control turned fully clockwise) is approximately 20 minutes.

If the cord is only partly extended, the time-to-closure will be increased.

- To ensure reliable operation of the mechanism, do not open the window abruptly.
- To prevent over-extension of the cord, do not pull it beyond the red marking (which marks the end of the cord.)

8

- When the 'Winboy' is not in use (for example, in Summer) the cord can be detached from the hook on the window casement and secured to the peg provided for this purpose on the unit's housing.

## Maintenance

The 'Winboy' is maintenance-free. It should be cleaned using a dry or slightly damp cloth. *On no account* should solvents be used to clean the unit, as these could attack the plastic parts.

## Guarantee

We will rectify any defects attributable to either material or manufacturing deficiencies that are reported within the Warranty Period of 12 months.

Defects that are the result of unapproved use or treatment of the device cannot be covered by warranty.

The guarantee does not include secondary damage (such as injury due to entrapment in the mechanism, freezing of pipes, or forced entry to property, etc.) resulting from a fault in the device.

## Technical Data

- Dimensions: 110 x 45 x 38 mm
- Weight: 130 g
- Cord length: approx. 85 cm
- Closing force: approx. 5 to 20 N  
(1 to 4 lb.)
- Operating temperature: -5°C to 40°C
- Materials:
  - Plastic (POM)
  - Stainless steel (INOX 4210)
  - Cord - Polyester

The manufacturer reserves the right to make changes to the above technical specifications without prior notice.

## Accessories

Anti-burglary device

(Automatically latches the window closed following closure by the 'Winboy'. Gives an alarm in the event of an attempt to force the window open, for example during an attempted break-in.)