

## **Comar 5P.i Vertical Sliding Windows Operations & Maintenance**

### **Vertical Sliding Windows Operation**

The vertical sliding window is designed to allow maximum ventilation through two opening sashes without projecting either inward or outward. The sashes can also be tilted inwards for cleaning purposes. There may be an approved restrictor fitted which can be over-riden for cleaning or access purposes.

The windows have either one or two catches, depending on frame width, mounted on the central rails. The catches will normally have a key locking facility. Simply grasp the catch between finger and thumb and rotate anti-clockwise to disengage. The lower sash will then slide upwards, or the upper sash will slide downwards, under light hand pressure.

There will be two buttons, positioned on the top rails of each sash. Coloured white or gold, these buttons slide inward when pulled with the fingers. To tilt the sash for cleaning, simply release the catch, and operate the button as detailed. The sash will then tilt inward, to a restricted position to allow the external pane to be cleaned, and inspection of seals etc. The sash can then be pushed back into the frame, where the sprung-loaded guides will re-engage into the frame.

The restrictors are located on the vertical stile part of the top sash. These are sprung loaded, and can be depressed to allow the sashes to ride over and open fully. As the sashes close again, the spring loaded catch will re-engage to its original position.

### **Vertical Sliding Windows Maintenance**

The sashes are retained into the frame by a spring balance. This unit is sealed and requires no maintenance. The spring is pre-tensioned by the supplier and therefore cannot be adjusted. Should the sash not remain in position without the catches being engaged, it will be necessary to replace the balance, which is best undertaken by a qualified engineer.

There is no adjustment available to this window, and only periodic lubrication is necessary, with resin free grease or oil. Care should be taken to avoid any contamination by grit or dirt.

A 6 monthly check of all operations should be carried out.

1. The hardware around the sash should be thoroughly cleaned with a damp cloth and soapy water and wiped dry.
2. Fixings should be tightened as necessary.
3. Moving parts to be lubricated with resin free grease or oil.
4. A qualified technician **MUST** carry out all major adjustments or replacements. Any attempt to complete repairs without the correct tools or knowledge could result in personal injury or damage to the mechanism.

Replacement parts are available from CB Solutions. Only Comar approved parts can be fitted. Replacement parts to be fitted only by competent, trained personnel.