

Comar 5P.i Tilt & Turn Windows Operations & Maintenance

Tilt & Turn Windows Operation

Tilt & Turn windows have two opening options:

1. Tilt, the top of the window will open inwards from the top, leaving the bottom closed
2. Turn, opens the window fully into the room, allowing cleaning of the window from the inside

To tilt the window, the handle should be grasped and turned to the horizontal, the handle part pointing towards the hinge at 90°, then pull the handle towards yourself to open. This opening method is designed to provide ventilation only, as the window will tilt inward from the bottom (sill), leaving a restricted opening at the head (top).

To fully open the window, the window should then be pushed into its closed position and the handle closed. The handle is then turned through 180°, until it points vertically upwards. The window will then open fully to 90°, in order to allow cleaning to take place.

Restrictors

The window may have restrictors fitted. These prevent the window being opened fully for safety purposes, i.e. windows fitted into high-rise towers. However through planned maintenance the restrictors may need to be removed to allow cleaning to occur. The restrictors are removable, often through key access. They can alternatively have no key, and simply locate into the sash section, utilising a 'keyhole and stud' type of location.

The restrictors are visible only when the window opens in 'turn' mode, and insertion of the key into the mechanism will remove the restriction and therefore allow cleaning.

Closing of Tilt & Turn Windows

The window should then be pushed closed once more, and the handle rotated back to its vertical position. This will render the window closed and return it to its original position. For additional security the handle may have a locking facility, which should be locked, removed and stored in a safe location. The key can also lock the handle into 'tilt only' mode, if required.

It is imperative that the window is returned to its closed position between each operation, as damage will be caused to the window mechanism if forced through the process while open. There is also the possibility of personal injury if the above instructions are not followed.

Tilt & Turn Hardware / Gearing Maintenance

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

1. The gearing 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.