

Tender documents

Ventilation system for medium flow volumes

To regulate the relative moisture in a house or apartment and improve room hygiene, a provision must be made for a ventilation device consisting of a manual and continuously adjustable component and a component which automatically reacts to wind pressure.

The following requirements are stipulated:

- The ventilation device may not change the visual outside appearance of the window.
- Ventilation openings must be accessible and easy to clean.
- It must be possible to include the ventilation device in plans as part of ventilation concepts in accordance with DIN 1946-6, including rated ventilation.
- The component which automatically reacts to wind pressure should close automatically below 50 Pa.
- The manually adjustable ventilation module should preferably be installed on the sash overlap, either horizontally at the bottom or on the side at the top.
- The ventilation module may not obstruct the tilt / tilt and turn function of the casements.
- The manually adjustable vent module must be easy to operate and move smoothly.
- Airflow by milling through inaccessible hollow chambers in the profile is not permitted due to the risk of contamination by dirt and germs.
- It must be ensured that windows can be quickly returned to their original state both in their appearance and function.
- The overlap vent must correspond to DIN 1946-6, Section 7.5.1.2 in its closed state and must be airtight when closed.
- Driving rain resistance must be ensured in accordance with DIN EN 13141-1, Table 6.
- Ventilation components must be easy to remove for cleaning.
- If not required otherwise for the individual items, all casement units shall be equipped with window rebate vents and overlap vents in accordance with the manufacturer's guidelines and installation instructions.
- Regel-air® PLUS window vent system or equivalent.