

# *ClimaTec Plus*

*Fresh air supply system*



***KBE 76*** Double seal system



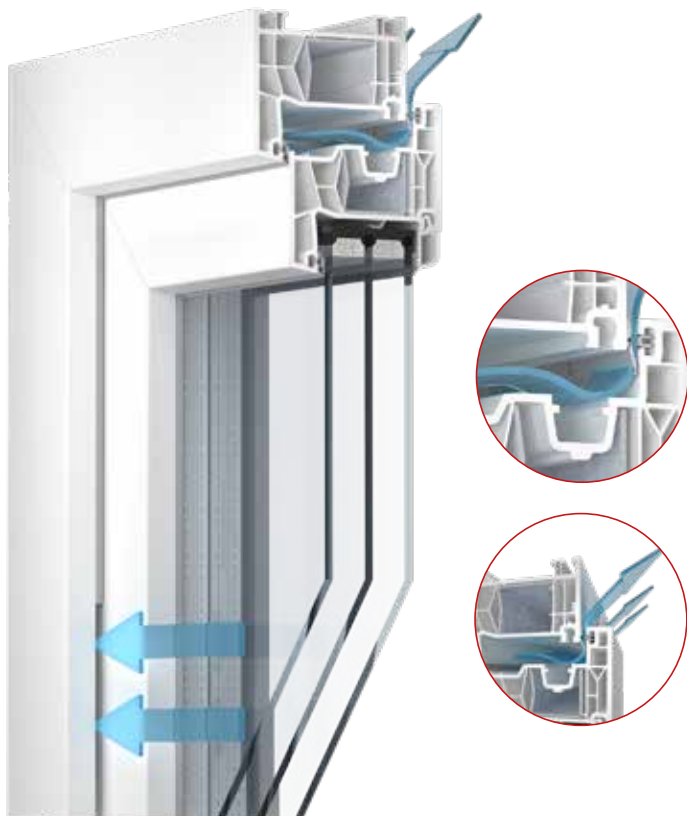
# Ventilation System

## ClimaTec Plus – KBE 76 Double seal system

Fresh air – the elixir of life in our living spaces. We need them to breathe and protect our buildings. Ventilation is all about getting the balance right. This is the only way to keep the wind and weather outside and the comfortable climate inside. If fresh air is always there, then “someone” unnoticed takes over the essentials. ClimaTec Plus – pure balance.

### Ventilation according to standards

ClimaTec Plus is the new generation of self-regulating window rebate ventilators. The installation takes place in the upper area of the window sash instead of the sash upstand seal - matching the colour of the window seals in colours light grey or black. As a result, it remains almost invisible even when the window is open. It ensures a controlled air exchange, without manual ventilation, with the window closed.



The number of fans (up to 3 units) depends primarily on the needed air volume and the required sound insulation.

The air is routed through the window rebate, the space between the sash and the frame. For this purpose, the outer frame gasket is replaced at certain points by replacement seals, so that due to pressure differences, the air in the window rebate and via ClimaTec Plus can continue to flow into the room interior. Thanks to the innovative flow control technology of the control dampers, a sensitive air flow regulation takes place, which limits the air flow at high wind loads and thus avoids drafts.

### ClimaTec Plus

- » Automatically controlled window rebate ventilator
- » When the window is closed, the ventilator is not visible
- » For new windows or for retro-fitting in the existing window
- » Precise airflow regulation to prevent drafts
- » Installation always at an optimal place – at top across – as independent of hardware
- » Minimises high air humidity and the risk of mould
- » Tested sound insulation up to 44 dB
- » Compact thanks to precise flow control technology in the smallest possible space
- » Fully tested by ift Rosenheim – the Institute of Window Technology
- » Ventilation according to DIN 1946-6 and DIN 18017-3