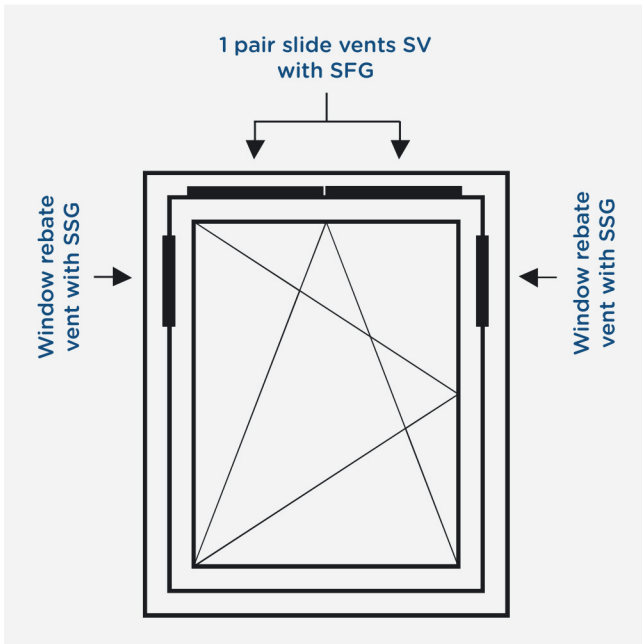
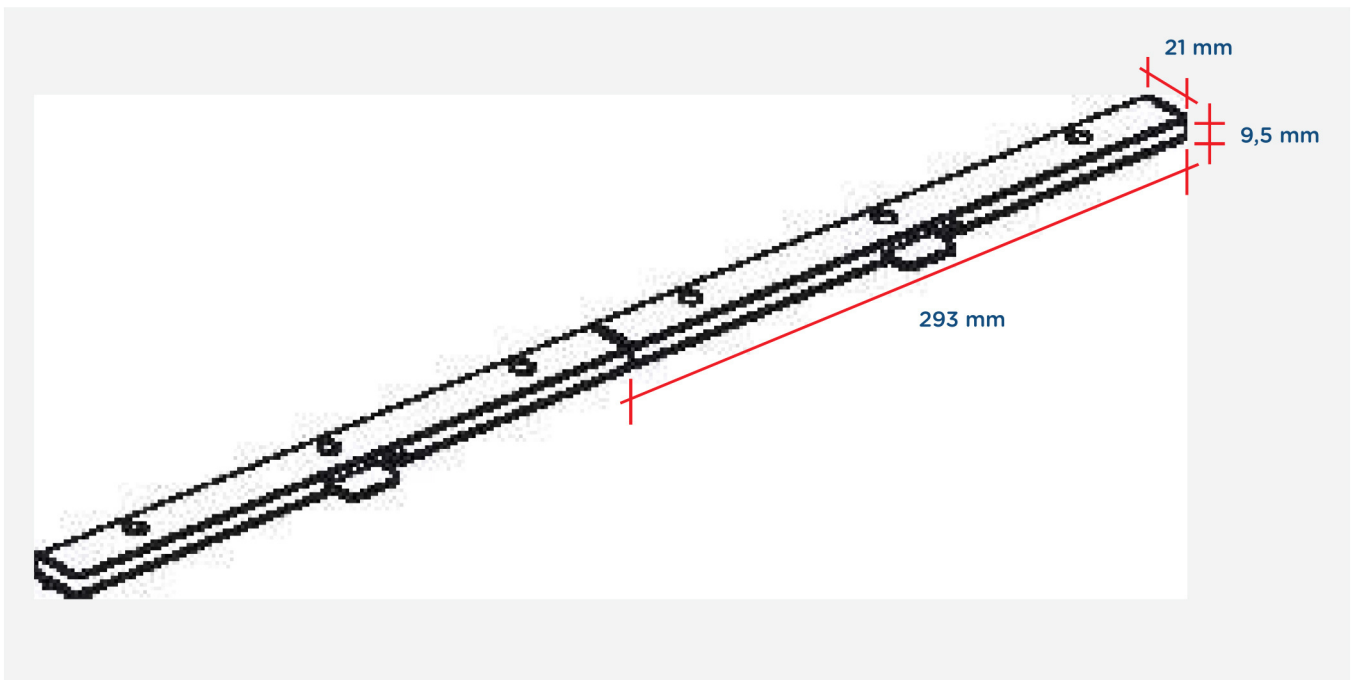


Installation instructions for Regel-air® FORTE Comfort ventilation system for high air volumes

Combination of 1 pair window rebate vents FFL and 1 pair slide vents SV



1 pair window rebate vents FFL



1 pair slide vents SV



The Regel-air® FORTE ventilation system is a combination of a pair of slide vents SV and one pair of window rebate vents FFL.

1.) Window frame gasket

Replace the window frame overlap gasket with the special frame gasket (SFG) at the top of the window, horizontally in the centre of the window frame along a length of 750 mm. For centre gasket systems, the centre gasket should be removed exactly opposite the SFG, matching its length (Figure 1 & 2).

2.) Installation of Regel-air® window rebate vent FFL

Screw the pair of Regel-air® FFL into the upper area of the vertical window frame which is free of fittings. The feet reach over the inner edge of the window frame!

An individual vent is installed on each side. Prior to installation, the return springs supplied must be snapped into the openings provided in the flap recess for this purpose. Here, the spring is first positioned in the opening using the two small locking hooks and then pressed in completely.

When installing the vent modules, 3 mm holes always have to be pre-drilled (Figure 3). When screwing the vents into the groove of the glazing strip retainer, pre-drilling can be omitted if self-tapping screws are used in conjunction with a screwdriver with correctly set torque control. Borings must be removed. Now attach the Regel-air® FFL using the 3.9 mm self-tapping screws. Check that flaps can move easily (Figure 4). Then cut out the part of the sash gasket which lies opposite the window rebate vents when the window is closed, remove it and replace it with the special sash gasket (SSG) supplied. To do so, close the casement and transfer the ends of the outer Regel-air® feet to the sash overlap (Figure 5). Replace the sash gasket in the marked area with the SSG, with the rim pointing towards the sash rebate. The SSG length is 125 mm per individual vent (Figure 6 & 7).

If an SSG is not used, there is a significant delay in the reaction of the ventilation flaps, this can lead to uncontrolled flow volumes past the vent, draughts and infringement of important standards.



Regel-air® FFL



FFL with return spring



SSG

3.) Installation of the Regel-air® slide vent SV

The pair of Regel-air® slide vents is installed in the centre at the top of the horizontal sash overlap. To do so, mark the centre of the window casement to proceed with the cutting and drilling template supplied. When positioning the template, the angled edge reaches over the sash gasket of the open casement (Figure 8). Carry out the next steps for one vent first!

Now position the template end on the marked position, cut the gasket at the template notches and remove it. Now, hold the template in the correct position on the sash overlap so it fits precisely between the two cut edges of the gasket, with the angled edge flush with the sash (Figure 9 + 10) and pre-drill holes through the three protrusions on the template using a 3 mm drill.

Always drill the centre hole first and fix the template in place with another 3 mm drill to prevent it from moving sideways (Figure 11). Now drill the other holes.

Always use the template to pre-drill the holes!

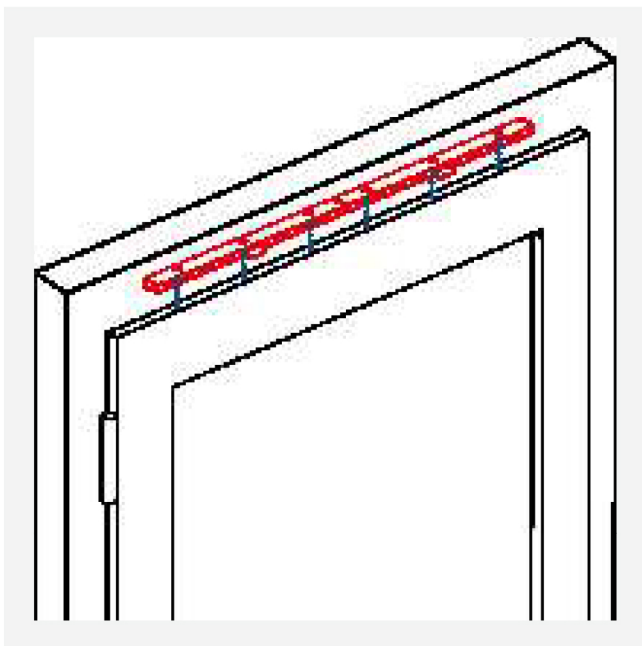
All borings must be removed. Before pre-drilling the second SV, install the first vent beforehand using the screws (3.9 x 19 mm self-tapping screws) supplied. Now, place the template on the vent housing and repeat the work steps for pre-drilling (Figure 12).

Then, install the second SV (Figure 13). Finally, check the function of both SVs (Figure 14). If the sliders cannot be moved easily, the screws have to be loosened slightly.

In case of extruded gaskets or gaskets which have been welded in, the gaskets should first be cut according to the template.

Then grip the extruded gasket with the angled long-nosed pliers approximately in the centre between the two separating cuts and pull continuously until it becomes detached from the base of the groove.

Now grip the gasket again with the long-nosed pliers and pull it out up to one of the points where it has been partially cut; while doing so, hold the tip of the cutter knife in the partially cut gasket, cleanly separating it at the cut surface.



1 pair slide vents SV

ⓘ **For transport, it is advantageous to remove the installed slide vents SV and screw them back on after the window has been installed.**

ⓘ **Installation note for French casement windows**

With French casement windows, the slide vents and the special frame gasket (SFG) can be distributed on the casements.

ⓘ **Not suitable for sill systems.**



Overview of the individual installation steps of the Regel-air® FORTE system:



Subject to technical changes - legal liabilities cannot be derived from this

