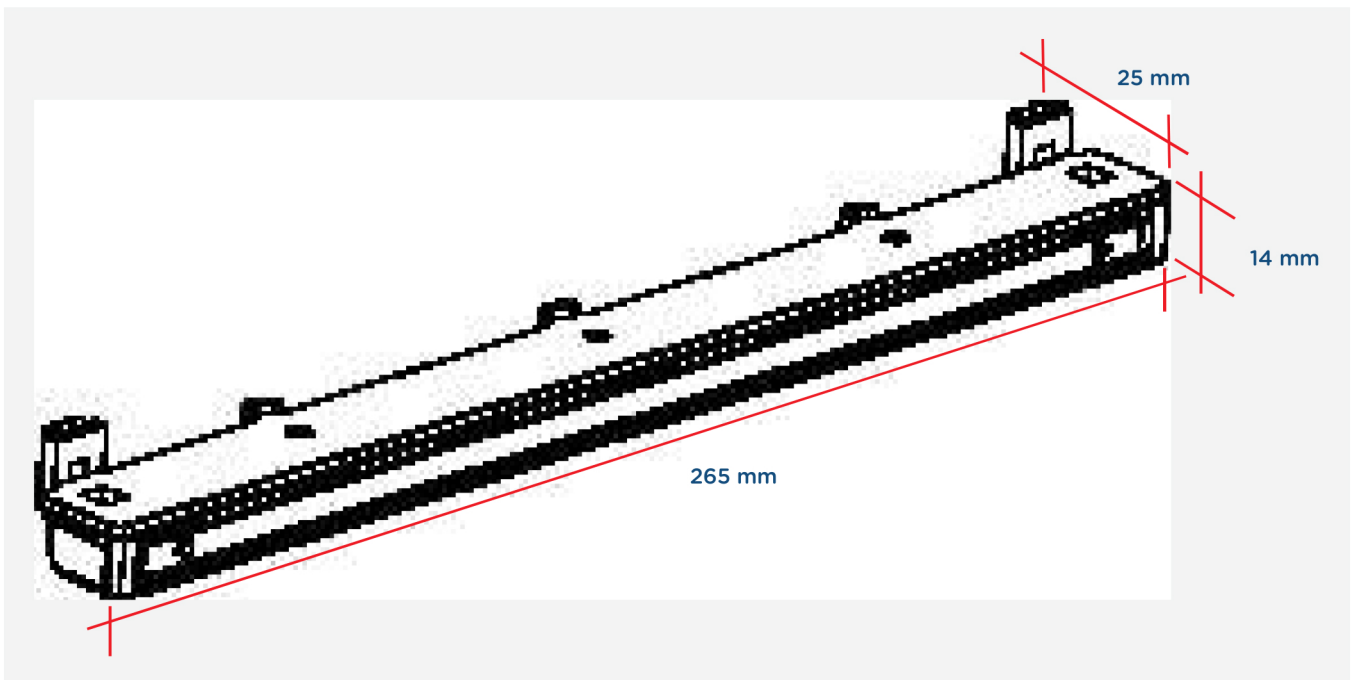
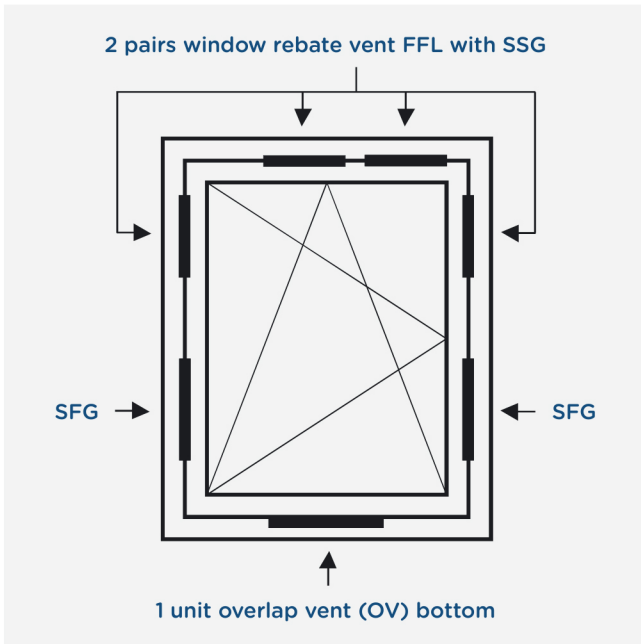


Installation instructions for Regel-air® PLUS Comfort ventilation system for medium air volumes

Combination of window rebate vent FFL and overlap vent OV



Overlap vent OV



The Regel-air® PLUS ventilation system is a combination of overlap vent OV and at least one pair of window rebate vents FFL.

1.) Special frame gasket

Replace 150 mm of the vertical window frame overlap gasket on the left and right, each starting 100 mm above the lower corner, with the special frame gasket (SFG). If the window system is not equipped with a gasket in the window frame overlap, this must be inserted first along the entire circumference. The maximum equipment for a window consists of 2 pairs of window rebate vents FFL and 1 overlap vent OV. In this case, the length of the special frame gasket (SFG) has to be increased to 300 mm per side.

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

Screw the pair of Regel-air® FFL into the upper area of the window frame which is free of fittings. The feet reach over the inner edge of the window frame! The return springs supplied must be snapped into the openings provided in the flap recess for vertical installation. Here, the spring is first positioned in the opening using the small locking hook and then pressed in completely. These are not required for horizontal installation. When installing the window rebate vents FFL, 3 mm holes always have to be pre-drilled. 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 with the 3.9 mm self-tapping screws supplied. Check that flaps can move easily.

Then cut out the part of the sash overlap 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. Cut out the sash gasket in the marked area and replace it with the special sash gasket (SSG) with the rim pointing towards the sash rebate.

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.

The SSG length is 125 mm per individual vent. In centre gasket systems, the centre gasket must be removed in the Regel-air® area, matching the length of the vent in each case.

3.) Installation of Regel-air® overlap vent OV

The positions of the overlap vent OV on the window should be specified first. For systems with compression gasket, preferably in the centre on the lower horizontal sash overlap. For systems with centre gasket, the OV must be positioned on the side top sash overlap (ideally on the rabbet side). For installation on the side, a minimum distance of 50 mm above the special frame gasket (SFG) must be maintained.

Now hold the supplied drilling and cutting template in the correct position on the open sash; here the angled edge reaches over the sash gasket. On the outer edge of the template, cut the gasket with a cutter knife and remove it. 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 and pre-drill holes through the 3 protrusions on the template using a 3 mm drill.

Always drill the centre hole first and fix it in place with another 3 mm drill to prevent it from moving sideways. Then drill the other holes. Always use the template to pre-drill the holes.

After the borings have been removed, screw on the Regel-air® OV using the 3.9 x 19 mm self-tapping screws supplied and check for correct function. If the OV cannot be moved easily, the screws have to be loosened slightly.

If systems have a centre gasket, this has to be removed in front of the OV for the length of the vent.



① Installation note for French casement windows

With French casement windows, the special frame gasket (SFG) should only be placed on the rabbet sides, on the right and left on the fixed window frame. For each window casement, the maximum recommended quantity is 2 pairs of Regel-air® FFL and 1 unit of overlap vent OV.

French casement windows are to be treated as a single casement.

① Installation note for balcony doors

With balcony doors, the special frame gasket (SFG) must be replaced starting 1000 mm below the top corner.

Not suitable for sill systems.