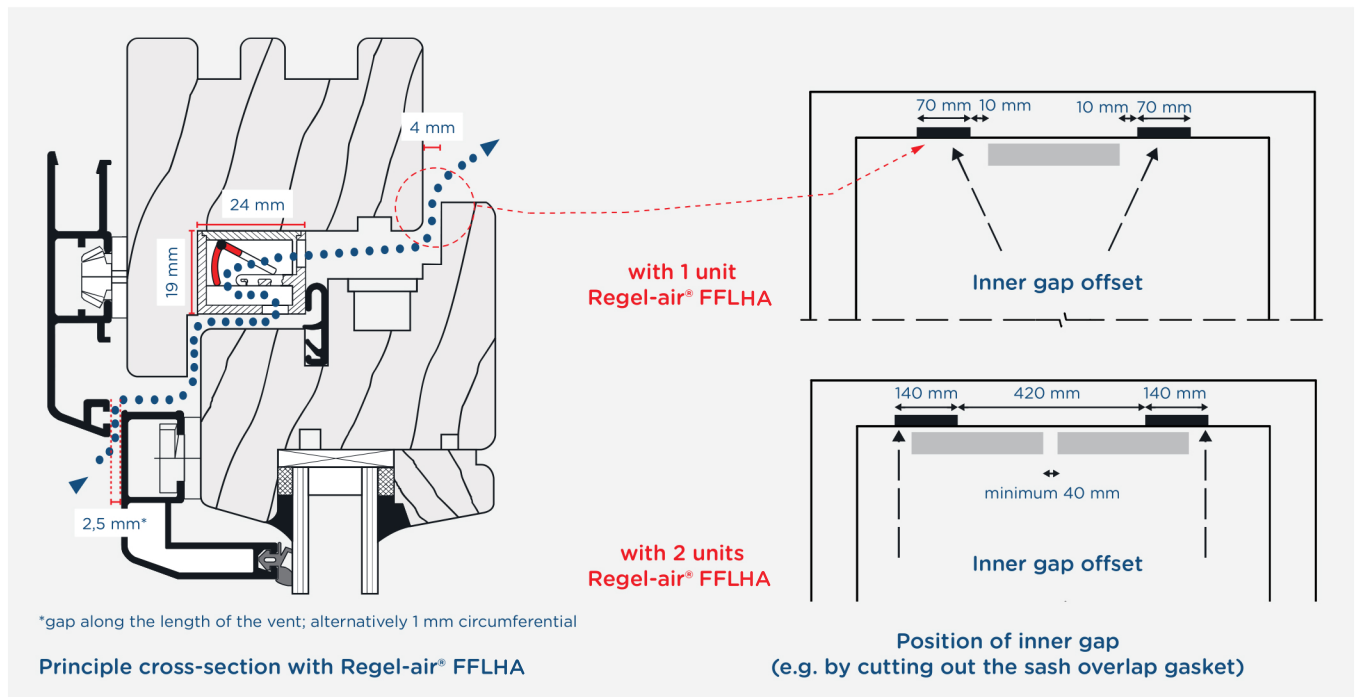


Regel-air® FFLHA system for precisely dosed airflow volumes (centre gasket in window casement)

Installation instructions for Regel-air® FFLHA Type 24 Window rebate vents for wood-aluminium windows



The Regel-air® window rebate vent FFLHA Type 24 FL is generally installed in the top of the window frame or transom. Type 24 RF is suitable for vertical installation (see back). The vent is 24 mm deep, 19 mm high and 290 mm wide.

Installation

Mill a 19 x 24 x 290 mm opening into the upper window frame or transom bar using a 16 mm milling cutter. Detach the window frame gasket in the area in front of the vent and if required, attach it to the window frame overlap.

⚠ **Appropriate wood protection treatment is mandatory on all milled areas.**

Then fit the Regel-air® and screw it in.

For airflow, the gaps specified in the drawing must be created between the casement and window frame (transom where applicable). The gap dimension specifies the narrowest point between the casement and window frame. On the inside, the sash overlap gasket is cut out at the specified positions or the sash overlap is milled. On the outside of the aluminium shell, the gasket must be removed to create either a circumferential gap of 1 mm or a 2.5 mm gap along the length of the vent in the area where the Regel-air® is located.

⚠ **The drainage of the rebate area must be ensured.**

For French casement windows, the area of the mullion must be sealed at the transition to the upper window frame/transom. The interior airflow may not be directed over this area.

For increased noise insulation requirements, an inner sash overlap gasket is always required. In addition, direct ventilation channels should be avoided for noise insulation. Individual tests for the respective systems may be required.

In wood-aluminium windows, the Regel-air® window rebate vents can only be used as external air apertures in combination with permanently operated fan-assisted exhaust air systems.

⚠ **Not suitable for sill systems.**

Supplementary sheet for installation instructions for Regel-air® FFLHA Type 24

An internal test of the driving rain resistance of a wooden test window with a vertically installed Regel-air® Type 24 RF in accordance with DIN 13141-1 Table 6 resulted in driving rain resistance at the highest pressure level to be tested in the same standard on 24 April 2013 in Emsbüren, Germany.

The vertical installation of the vent can therefore be carried out under the following conditions:

The application of the vertical Regel-air® installation in wooden windows is limited to arched windows without transoms as well as narrow windows where the required number of vents cannot be accommodated in the top window frame or transom.

Two pairs of vents should not be positioned below one another, i.e. a maximum of 1 unit (1 unit = 1 pair FFL in housing) Type 24 RF on the left as well as the right side of the window are allowed (a total of 2 pairs per window).

Vertically installed vents must be placed as high as possible on the window to avoid air inflow at head height.

Except for vertical installation and the deviations described here, the installation instructions of the Regel-air® Type 24 FL apply.