

Regel-air® FensterLüfter für Kunststofffenster (System AD)

FFL - for fine-dosed airflow volumes							
Differenzdruck nach DIN 1946-6 in Pa		2	4	5	7	8	
Luftvolumenstrom in m³/h	1 Paar FFL		3,0	3,7	4,0	4,7	5,0
	1,5 Paar FFL		3,6	4,5	5,0	5,8	6,2
	2 Paar FFL		4,4	5,6	6,2	7,4	7,8
PLUS - for medium airflow volumes							
Differenzdruck nach DIN 1946-6 in Pa		2	4	5	7	8	
Luftvolumenstrom in m³/h	1 Paar FFL + 1 ÜL		6,0	7,6	8,2	10,0	10,5
	1,5 Paar FFL + 1 ÜL		6,5	8,6	8,8	11,0	11,5
	2 Paar FFL + 1 ÜL		8,6	12,0	13,0	15,0	16,0
FORTE - for high airflow volumes							
Differenzdruck nach DIN 1946-6 in Pa		2	4	5	7	8	
Luftvolumenstrom in m³/h	1 Paar FFL + 1 Paar SL (max.)		11,1	14,7	16,1	18,7	20,0
	1 Paar FFL + 1 Paar SL (min.)		3,0	3,7	4,0	4,7	5,0

Regel-air® FensterLüfter für Holzfenster (System IV 80)

FFLH - für alle gängigen Holzfenster							
Differenzdruck nach DIN 1946-6 in Pa		2	4	5	7	8	
Luftvolumenstrom in m³/h	1 Paar FFLH (Typ 24)		4,4	4,6	4,8	5,0	5,2



Regel-air® window vents  
Ventilation without  
opening windows.

The window ventilator is a quality  
product offered by Regel-air®.

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Änderungen und Irrtümer vorbehalten. Rechtsverbindlichkeiten können hieraus nicht abgeleitet werden.



Made in Germany

# Regel-air®



## Window ventilator systems

Regulated freshness.  
Small vent - great effect.

www.regel-air.com

## The problem

Constantly increasing sealing requirements for building envelopes mean that functional home ventilation is essential for a healthy indoor climate.

In older buildings, ventilation was conducted through leaks in the building. This effect no longer occurs. For this reason, the regulation EnEV and standards such as DIN 1946-6 require “user-independent ventilation for moisture protection”.

Houses and apartments must be supplied with sufficient fresh air, if possible without the intervention of the people, so that room humidity and wall moisture are regulated automatically and the formation of mould can be prevented.

**Harmful substances are continually carried away through the exchange of air.**

## The solution

In addition to the functional tasks of a window such as thermal insulation, driving rain resistance and noise insulation, Regel-air® window vents also contribute significantly to energy-efficient and user-independent ventilation, which prevents construction and mould damage.

Burglary protection is also retained. Energy-saving ventilation can be calculated precisely according to DIN 1946-6.

Thanks to their purely mechanical operation and easy installation, Regel-air® ventilation systems are ideal for economical and energy-efficient home ventilation.

## Regel-air® ventilation systems

**There are three different ventilation systems: FFL, PLUS and FORTE.**

Depending on the planned ventilation requirements, it is possible to achieve low, medium and high airflow volumes. All systems are designed for airflow without milling. By using the ventilation modules, the facade is not modified.

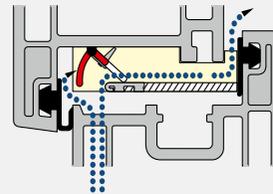
### FFL - for fine-dosed airflow volumes

The self-regulating Regel-air® FFL window rebate vent made from PVC feature automatic flow volume restriction and can either be installed in the factory or retrofitted.

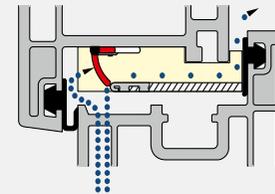


Flaps in the ventilation modules react to wind pressure on the building. They close when the wind is stronger and then open again automatically.

This function prevents draughts.



Regel-air® FFL  
Flap open



Regel-air® FFL  
Flap closed

**The mechanical regulation do not require electricity for operation. No maintenance costs or subsequent costs will be incurred.**

### PLUS - for medium airflow volumes

The Regel-air® PLUS ventilation system consists of independently regulated FFL window rebate vents with automatic flow volume restriction as well as a manually and adjustable ÜL overlap vent to increase the airflow volume.

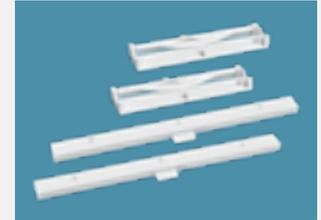
While FFL constantly ensures the necessary ventilation for moisture protection, the ÜL can be regulated depending on the required ventilation.



### FORTE - for high airflow volumes

The Regel-air® FORTE ventilation system is a combination of two manually and adjustable Regel-air® SL slide vents and two Regel-air® FFL window rebate vents with automatic volume flow regulation. The FFL vents continually ensure effective ventilation for moisture protection.

The SL vents can be operated as needed. This system even makes it easy to fulfil the enhanced requirements of DIN 1946-6.



**Regel-air® window vents enhance the value of your windows.**

These tested systems are resistant to driving rain and can also be used in properties with increased noise insulation requirements up to noise insulation class 4.

**All systems can be used as air intake elements for exhaust air systems and shaft ventilation. The FFL system is also an optimal solution for combustion air supply.**