

LOUVRE 431RC2 RAV

FOR REYNAERS ALUMINIUM
MOTORISED VENTILATION VENT

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For Reynaers Aluminium Motorised Ventilation Vent

FOR NEW
BUILD AND
MAJOR
RENOVATIONS

“Intensive Ventilation” and “Nightcooling”

Opening a window brings in fresh air and leads to a healthy indoor climate, that’s well-known. Opening a window at night can also prevent indoor overheating: a large flow of fresh cool air is cooling down a building overnight.

Therefore Reynaers Aluminium developed a special ventilation vent to bring in fresh air and prevent overheating through passive intensive ventilation. A motorised version of such a ventilation vent offers even more comfort and possibilities for automation. Opening the ventilation vent comes with some challenges: protection against rain, insects, burglary, etc.. And here the Renson Louvre 431RC2 offers the perfect solution.

Reynaers Aluminium and Renson

Reynaers Aluminium and Renson joined forces: Reynaers Aluminium was looking for a safe and high-quality screening for the automatic ventilation vent, Renson has more than 50 years of experience in developing custom-made ventilation grilles. The Louvre 431RC2 proved a perfect match and was further optimised for a perfect fit on the ventilation vent.

Burglar Proof RC2 and fall through safe

Due it’s extremely robust construction and the use of burglar proof screws, the 431RC2 Louvre is a burglar resistant louvre acc. class RC2. On top, the Louvre ensures fall through safety, tested acc. EN 13049.

A perfect match with the window frame

The Louvre was optimised for a perfect fit on the Reynaers Aluminium Ventilation Vent (MasterLine 8 & 10: windows, doors, MasterPatio sliding system): Aligned water drain holes between the Louvre and the window frame.

Worry-free intensive ventilation and nightcooling

The Louvre 431RC2 ensures:

- Protection against rain
- Protection against insects
- Finger pinch protection
- Fall-through safe
- Burglar proof RC2

while letting a high flow of fresh air into the building



TECHNICAL SPECIFICATIONS	
Product name	431 RC2_RAVentilationVent
Geometry	
Blade pitch	33,3 mm
Width	308 mm (fixed width)
Thickness	32 mm
Minimum dimension	308 mm x 814 mm
Visual free area	59 %
Physical free area	40,5 %
Material & finish	
Profiles	Aluminium AlMgSi 0.5 (EN 12020-2)
Insect mesh	Stainless steel 2,3 × 2,3 mm
Finish	Anodized or powder coated in any RAL colour
Certification	
Burglar resistance (EN 1627-1630)	Class RC2
Fall-through safe (EN 13049)	Class 5
Airflow (EN 13030)	
K-factor (entry)	23,56
K-Factor (discharge)	25,51
C _e -coefficient (entry)	0,206
C _d -coefficient (discharge)	0,198



