

VL-30V

DESIGNED FOR

HIGH WEATHER PROTECTION. LOW PRESSURE LOSS.

A vertical weather louvre with 30 mm blade centres, 68% geometric free area and a 160 mm overall frame. Profiled blades are designed to balance rain defence with low airflow resistance.

CLASS A

RAIN DEFENCE

30 mm

BLADE CENTRES

68%

ACTIVE FREE AREA

DESIGN OVERVIEW

The VL-30V brings ventilation and weather protection into a clean, closely spaced vertical louvre. Its blade profile provides 68% active free area, with an air path designed to limit resistance while intercepting wind-driven rain. Captured water is directed towards the front of the panel, while the 30 mm blade spacing creates a consistent architectural finish.

WHY SPECIFY THE VL-30V?

Rain-defence design

Profiles are designed to intercept rain and direct captured water to the front of the panel.

Low-resistance design

A shaped air path and generous active free area are designed to limit airflow resistance.

Vertical screening geometry

Overlapping blade profiles interrupt direct sightlines while creating a consistent vertical finish.

Façade integration

120 mm blade profiles sit within a 160 mm overall frame for coordinated façade detailing.

High active free area

68% geometric free area over the active blade area makes effective use of the ventilation opening.

Aluminium construction

Aluminium blades, frame and carriers provide a framed assembly with project-specific support and fixing details.

IDEAL APPLICATIONS



Data centres



Commercial



Apartments



Industrial plants



Manufacturing



Utilities



Plant rooms

PERFORMANCE AT A GLANCE

Class A

RAIN DEFENCE
up to 3.5 m/s

Class 1

AERODYNAMIC
intake and exhaust

68%

GEOMETRIC FREE
AREA

3

FINISH OPTIONS
powdercoat, anodised, mill

30 mm

BLADE CENTRES
vertical orientation

120 mm

BLADE PROFILE DEPTH
nominal blade depth

160 mm

OVERALL FRAME DEPTH
including projecting sill

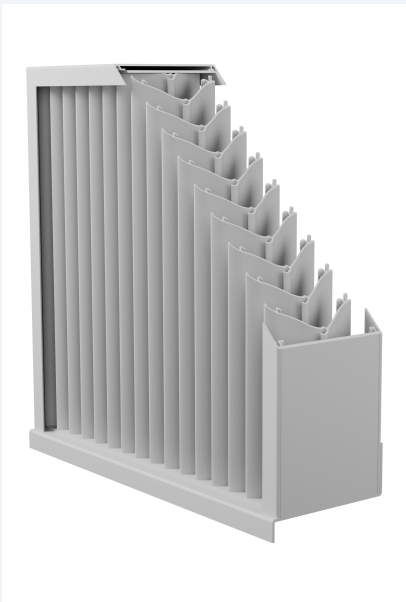
150 mm

HEAD AND JAMB DEPTH
frame profile

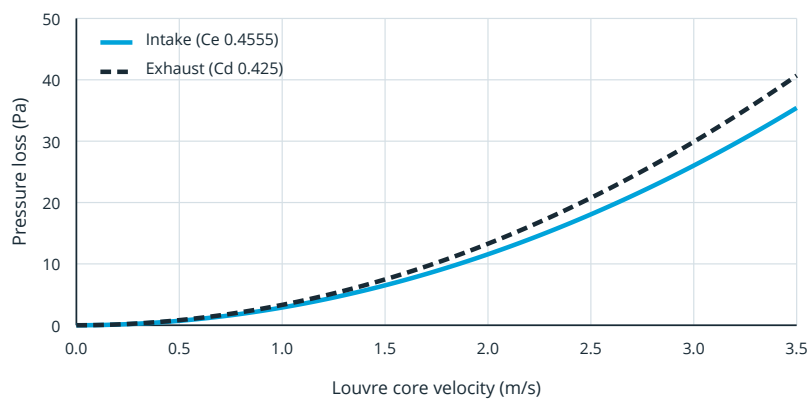
TECHNICAL SPECIFICATIONS

Product type	Vertical weather louvre
Material	Aluminium blades and frame
Overall frame depth	160 mm
Head and jamb depth	150 mm
Blade profile depth	120 mm
Blade centres	30 mm
Geometric free area	68% of active louvre area
Panel dimensions	Project-specific
Rain defence	Class A to 3.5 m/s
Air intake	Ce 0.455
Air exhaust	Cd 0.425
Mesh options	Bird mesh; insect mesh

PRODUCT IMAGE



AERODYNAMIC PERFORMANCE



AVAILABLE OPTIONS

Configuration

Panel arrangement, support and fixing details to suit the project.

Finish

Specify the required colour and finish for confirmation with Ventuer.

ACCESSORIES

Bird mesh | Insect mesh

Optional mesh fitted to the rear face. Include its resistance when assessing the airflow duty.

TYPICAL DETAILS + INSTALLATION

Common interfaces

Coordinate the louvre with the wall, cladding, subframe and adjacent façade elements.

Typical installation

Confirm fixing type, spacing and support against the project loads. Detail perimeter seals and head, jamb and sill flashings.

Drainage

Keep the sill discharge path clear. Project-specific shop drawings govern installation.



ENGINEERING + ORDERING

Engineering notes

Select from the airflow duty. Include mesh losses and system effects; confirm available fan pressure.

Free area

68% applies to the active blade area. Perimeter framing reduces the opening's overall free area.

To order

Provide opening size, airflow, direction, wind load, wall build-up, finish and mesh.

Specify from the airflow duty - not the opening size alone.

Ventuer provides selection support, project-specific shop drawings and façade interface details.

START A PROJECT

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