

BPIR Declaration

Designated building product: Class 2

Ventüer has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product System

Name Ventüer VL-77EX Ventilation Louvre
Line VL
Identifier 77EX

Description

The Ventüer VL-77EX aluminium louvre system is designed specifically for exhaust situations and provides a low pressure drop allowing maximum airflow with minimum mechanical assistance. It has a low rain defence effectiveness, however this is not typically an issue in exhaust scenarios.

The rear of the louvre can be fitted with bird mesh, insect mesh or dust filters. Available in a wide range of standard powdercoat colours, the VL-77EX is manufactured to order and can be fabricated in a wide range of sizes. Independently tested and certified to BS/EN:13030

Scope of Use

Designed for use as an exhaust louvre in situations where exposure to moderate levels of wind and rain are expected, and where some water carry over is acceptable. Aerodynamic blade profile which result very low pressure loss and minimal load on mechanical plant. Constructed from extruded aluminium and suitable for salt-spray zones and other corrosive environments when powdercoated appropriately. Compatible with all common structure and cladding types, including precast concrete, metal cladding, fibre cement sheet and unitised curtainwall systems. Ancillaries such as bird mesh, insect mesh, dust filters, mechanical dampers and plenums can be supplied fitted to the rear face.

Relevant Building Code Clauses

Clause B1 Structure: Performance B1.3.3(a), B1.3.3(f), B1.3.3(h)

Clause E2 External moisture: Performance E2.3.2

Clause G4 Ventilation: Performance G4.3.1

Contributions to Compliance

- When sized correctly, the VL-77EX louvre system complies with the requirements for natural ventilation of buildings under the New Zealand Building Code clause G4
- When installed in accordance with Ventüer technical literature, shop drawings and site-specific engineering the VL-77EX louvre system complies with the requirements for structure under the New Zealand Building Code clause B1
- When installed in accordance with Ventüer technical literature and shop drawings the VL-77EX louvre system complies with the requirements around external moisture as outline in New Zealand Building Code clause E2

Design Requirements

- Very low pressure loss, resulting in high airflow and minimal load on mechanical equipment
- Compatible with all common structure and cladding types, including precast concrete, metal cladding, fibre cement sheet and unitised curtainwall systems
- Extruded aluminium construction, available in any standard powdercoat colour or anodising
- Can be fitted with ancillaries such as bird mesh, insect mesh, dust filters, mechanical dampers and plenums
- Independently tested and certified to BS/EN:13030
- The VL-77EX should not be used as an intake louvre or passive ventilator due to its low resistance to wind driven rain

Installation Requirements

Installation requirements for the VL-77EX louvre system vary dependent on the site wind loads, louvre panel sizes, cladding type and primary structure detailing. Ventüer provides full shop drawings for all installations which show sequencing, fixing type and sizing, flashing requirements and sealant details. Installers should make themselves fully conversant with these shop drawings prior to installation commencing.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements: Contact Ventüer for further details.

Contact Details

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