

VENTSAIR FAÇADE

Air-Precision

Product Specification Sheet



Product Description

The Ventsair Façade ventilation system (VAF) is a high specification louvre system designed for use within the commercial industry. It comprises of an external aluminium louvre, a volume control damper and an internal grille.

Product Options

VA50 External Weather Louvre

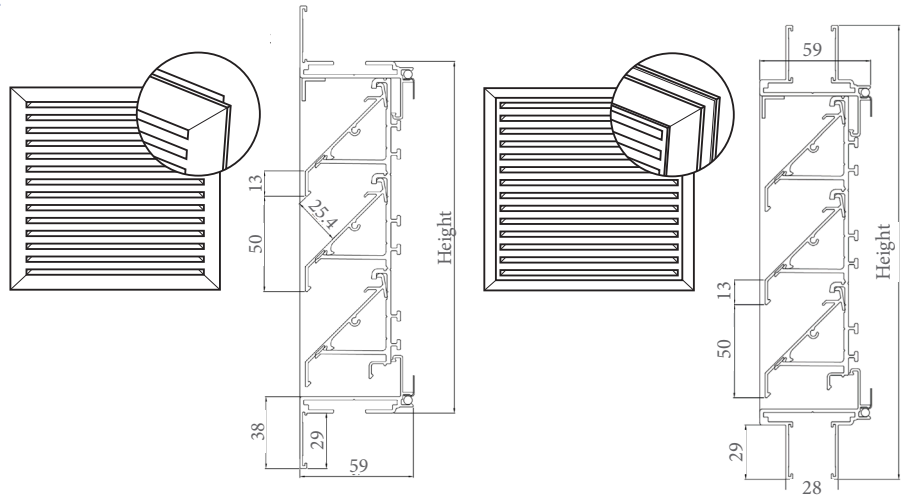
The VA50 is a high specification small format louvre system designed for use within the commercial industry. The system has been used extensively in education facilities, health facilities as well as retail schemes.

VA150/VA300 Sound Attenuating Louvre

The VA150 and VA300 are available powder coated in any BS or RAL colour reference. Supplied in panel format, they are specifically designed for commercial projects.

	VA50 External Weather Louvre	VA150/VA300 Sound Attenuating Louvre
Material	- Extruded aluminium alloy profiles to 6063 T6 - Profile thickness of 1.5mm - Mechanically jointed with Zintec corner chevrons	- Manufactured from 1.5mm galvanised sheet - Comprising 120mm depth of acoustic infill material of 45kg/m² density tissue faced - Powder coated in any BS or RAL colour reference
Options	28 or 32mm glazed-in frames as standard - Flanged outer frame	- Expanded metal bird guard is fitted as standard - Flanged outer frame - Internal insect mesh available - Glazed-in outer frames to suit 28 and 32mm as standard
Performance	- Class "B" BSRIA tested weathering performance - Physical free area approximately 50% - Mean Ce Factor 0.265 (Class 3)	
Dimensions	50mm blade pitch - Product depth 60mm overall - Glazing rebate height 30mm - Minimum manufacture height 200mm	- Available in sizes 500 x 500mm up to 2000mm (w) and 1500mm (h) 90mm air passage with intervening acoustic infill blade of 120mm (d) - Depth: VA150 - 150mm and VA300 - 300mm - Weight: VA150 - approx 30kg/m² and VA300 - approx 50Kg/m²
Air Tightness	2 m ³ /h/m ² at 50 Pa	2 m ³ /h/m ² at 50 Pa
Thermal Performance	1.1 W/m ²	1.1 W/m ²

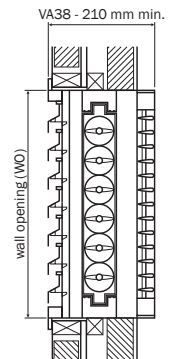
External Weather Louvre



Sound Attenuating Louvre

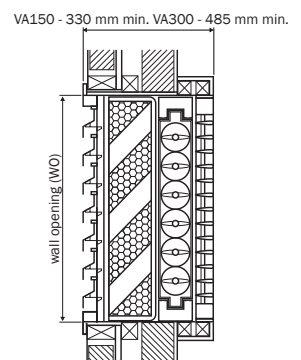
Standard Façade System

The system is designed to suit a variety of different building façade applications to provide controlled fresh air during the day and secure night time cooling. They do this through use of the external weather louvre. This catches any prevailing wind, whilst still ensuring there is no weather ingress. The amount of air that is then let into the room is determined by the motorised volume control dampers, ensuring a suitable level of ventilation is provided to the room occupants.



Acoustic Façade System

Façade variants include the VAF150 and VAF300 models. Both of these systems are available for applications with acoustic considerations, and are able to provide deeper louvre profile that is specifically designed to reduce noise entering the room. The system is manufactured from 1.5mm galvanised sheet, and comprises of 120mm depth of acoustic infill material of 45kg/m² material density that can be powder coated in any BS or RAL colour reference.



Louvre Type Depth Airborne Sound Reduction Index (dB) at Octave Band								
	65	125	250	500	1K	2K	4K	8K
VA150	6	3	4	8	12	11	9	9
VA300	8	6	7	14	19	20	15	14

Note: Free area may vary due to size and configuration though generally a 36% free area is achieved.

For more information on this product visit, contact:

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VAFC/12.2022



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