

DucoGrille Solid F30Z Glazed-in Window Louvre



**WINDOW
WARE**

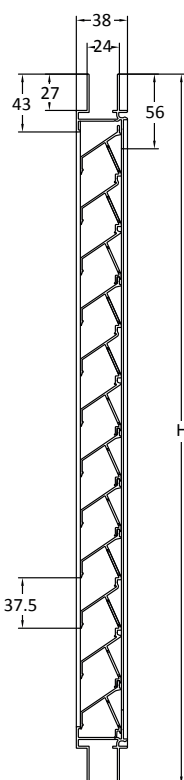
We've got it

DucoGrille Solid F30Z Glazed-in Window Louvres

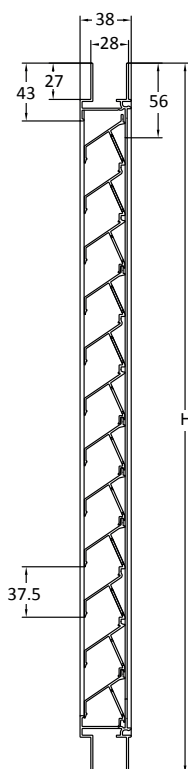
These high-quality aluminium window louvres are custom-made to your exact specifications to fit aluminium, timber & PVCu window frames of any size or finish. DucoGrilles provide intensive ventilation ideally suited to all kinds of industrial and commercial buildings. They let in plenty of fresh air to create a healthy, comfortable environment without compromising security. The unique stackable 'Z' shaped blades in the DucoGrille Solid deliver excellent burglar-resistant, weather-proof strength and durability.

Features:

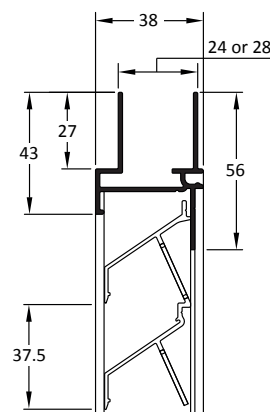
- Available in 24mm, 28mm and 32mm glazing thicknesses
- **P1** Integrated fly screen as standard. **P2** Stainless steel bird mesh or **NP** non-punched mesh (100% screening louvre) also available
- **P2** Bird blade with additional 6mm galvanised mesh meets current gas regulations
- Free area: 34% (with fly screen) or 48% (with bird mesh)
- Blades and frame manufactured from extruded aluminium for strength and precision
- Unique clip-free design ensures blades are held fast by the outer frame and won't rattle in exposed areas or extreme conditions
- Independently tested by the BSRIA for water tightness
- Certified for burglar resistance to European Classification Class2
- Quality manufactured to BS EN ISO 9001
- Fire rating A2-S1-D0
- RAL polyester powder coated 60-80 microns with a 10-year finish guarantee
- Recessed (with or without flange) and surface mounted wall louvres also available



Solid **F30/24Z**



Solid **F30/28Z**



F30Z

Window louvre

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Technical Information

VENTILATION VALUES		P1	P2	NP
Visual free passage		60%	86%	0
Physical free passage		34%	48%	0
Ce (higher is better)		0.24	0.28	n/a
Cd (higher is better)		0.23	0.28	n/a
K-FACTOR (lower is better)	INLET	17.70	12.85	n/a
	OUTLET	19.13	12.90	n/a
WATER RESISTANCE				
Air velocity	0 m/s	C (91.1%)	B (96.1%)	n/a
Class A = 100-99%	0.5 m/s	C (83.5%)	B (95.9%)	n/a
Class B = 98.5-95%	1 m/s	D (77.7%)	C (93.5%)	n/a
Class C = 94.9-80%	1.5 m/s	D	C (87.6%)	n/a
Class D = <80%	2 m/s	D	D (67.3%)	n/a
	2.5 m/s	D	D	n/a
SECURITY				
Vandal-proof grille				
INSECT SCREEN	RESISTANCE TO	SMALL SLOTS	LARGE SLOTS	FALSE LOUVRES
2.3 x 2.3mm		Perforated louvre blades as insect screen	(OPTIONAL) Stainless-steel mesh 2.3 x 2.3 mm	100% Screening Louvre
6 x 6mm			(OPTIONAL) Stainless-steel mesh 6 x 6 mm	n/a
20 x 20mm			(STANDARD) Stainless-steel mesh 20 x 20 mm	n/a
FRAME TYPES AND DIMENSIONS				
Louvre pitch		37.5mm	37.5mm	37.5mm
G	Recessed wall louvre with flange	Recess depth	34.4mm	34.4mm
		Frame rebate	18.2mm	18.2mm
N	Recessed wall louvre without flange	Recess depth	34.4mm	34.4mm
		Frame rebate	18.2mm	18.2mm
F	Window louvre	Frame depth	38mm	38mm
		Flange width	24 or 28mm	24 or 28mm
M	surface-mounted wall louvre	Recess depth	43mm	43mm
Minimum dimensions W x H		200 x 200mm	200 x 200mm	200 x 200mm



DUCO
Ventilation & Sun Control



If you need help working out your airflow rate, surface (m²) or pressure drop (Pa), visit <http://ventilatieberekening.duco.eu/en/ducogrille>

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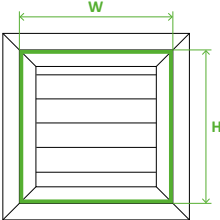

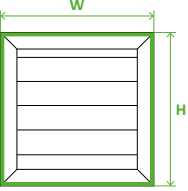

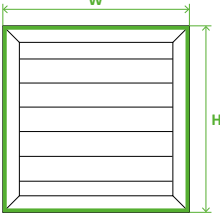

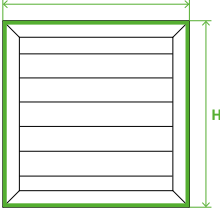
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Window Ware
Telford way, Cross Park,
Bedford MK
phone | 01234 242724

Quote Request

Company Name		Contact	
Delivery Address		Email	
		Tel No.	
		Fax No.	
		Date	
		Required Delivery Date	

Louvre Type		Grille Size			Mounting				
G N F M		Recessed wall louvre with flange		Dimension of louvre without flange (installation dimension) Width - 10mm x Height - 10mm of the wall opening	Allow 5 mm clearance (all round) between opening in wall and frame for fixing.				
		Recessed wall louvre without flange		Dimension of louvre (installation dimension) Width - 10mm x Height - 10mm of the wall opening	Allow 5 mm clearance (all round) between opening in wall and frame for fixing.				
		Window louvre		Total Width x total Height of the louvre grille (overall dimension)	Recessed mounting in window section				
		surface-mounted wall louvre		Total Width x total Height of the louvre grille (overall dimension)	Screws and plugs included as standard				
Louvre Type		G Recessed with flange	N Recessed without flange	F Window	M Surface	Slot Type	P1 Small	P2 Large	NP False
Width (mm)						Colour (RAL)			
Height (mm)						Gloss Level			
Thickness if Glazed in		24mm	28mm	32mm		Airflow Requirements			

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