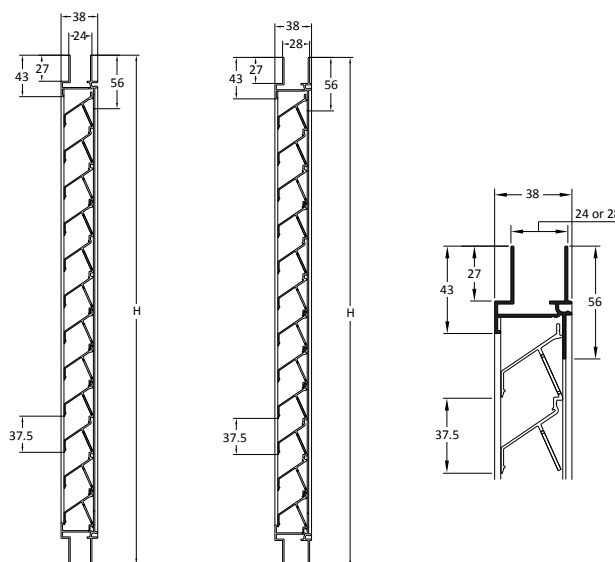


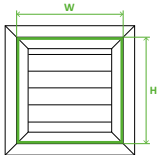
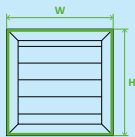
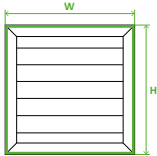
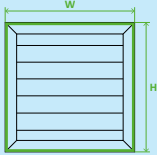


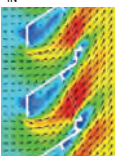
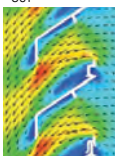
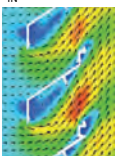
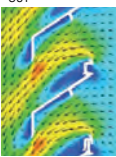
Solid F30/24Z

Solid F30/28Z

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.

- Available in 24mm or 28mm glazing thickness
- 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
- 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

Louvre Type		Grille Size		Mounting
G	 Recessed wall louvre with flange	 Dimension of louvre without flange (installation dimension) Width - 10mm x Height - 10mm of the wall opening	Fixing dowels included as standard. Allow 5mm clearance (all round) between opening in wall and frame for fixing.	
N	 Recessed wall louvre without flange	 Dimension of louvre (installation dimension) Width - 10mm x Height - 10mm of the wall opening	Fixing dowels included as standard. Allow 5mm clearance (all round) between opening in wall and frame for fixing.	
F	 Window louvre	 Total Width x total Height of the louvre grille (overall dimension)	Recessed mounting in window section	
M	 surface-mounted wall louvre	 Total Width x total Height of the louvre grille (overall dimension)	Screws and plugs included as standard	

				
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 Class A = 100-99% Class B = 98.5-95% Class C = 94.9-80% Class D = <80%	0 m/s	C (91.1%)	B (96.1%)	n/a
	0.5 m/s	C (83.5%)	B (95.9%)	n/a
	1 m/s	D (77.7%)	C (93.5%)	n/a
	1.5 m/s	D	C (87.6%)	n/a
	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