

DucoGrille Classic 45/50/130HP Glazed-in Window Louvre



WINDOW WARE

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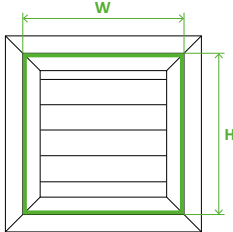
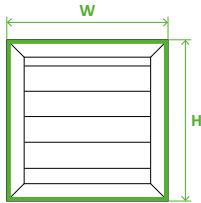
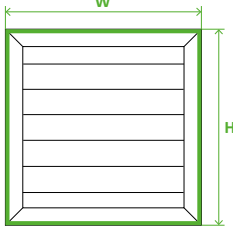
DUCO

Ventilation & Sun Control

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

Quote Request

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

Louvre Type		Grille Size		Mounting
G			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.
N			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.
F			Total Width x total Height of the louvre grille (overall dimension)	Recessed mounting in window section

Grille Type	☐ 45HP	☐ 50HP	☐ 130HP
Louvre Type	☐ G Recessed with flange	☐ N Recessed without flange	☐ F Window
Dimensions (Minimum 250 x 250mm)	Width (mm) Height (mm)		
Insect Mesh Screen Size	☐ 2.3 x 2.3mm Nylon	☐ 6 x 6mm Galvanised Steel	☐ 20 x 20mm Galvanised Steel
Thickness if Glazed-in	☐ 28mm ☐ 28mm with adapter 130HP version only		
Finish	Colour (RAL) Gloss Level		
Airflow Requirements			

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



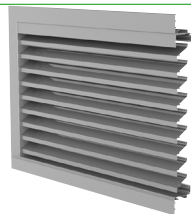
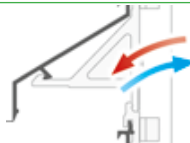
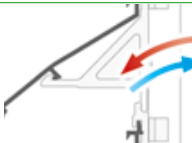
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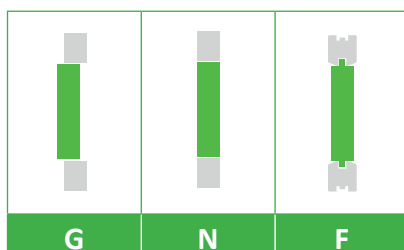


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Technical Information

				
VENTILATION VALUES		45HP	50HP	130HP
Visual free passage		70%	88%	88%
Physical free passage		60%	68%	70%
Ce (higher is better)		0.28	0.46	0.34
Cd (higher is better)		0.39	0.47	0.27
K-FACTOR (lower is better)	INLET	12.66	4.7	8.55
	OUTLET	6.68	4.55	13.42
				
WATER RESISTANCE				
Air velocity	0 m/s	B	C (92.3%)	A
Class A = 100-99%	0.5 m/s	B	C (89.8%)	A
Class B = 98.5-95%	1.0 m/s	C	C (86.5%)	A
Class C = 94.9-80%	1.5 m/s	C	D (79.7%)	A
Class D = <80%	2.0 m/s	C	D	A
	2.5 m/s	D	D	A
INSECT SCREEN	RESISTANCE TO			
2.3 x 2.3mm		(STANDARD) Nylon mesh 2.3 x 2.3 mm	(OPTIONAL) Nylon mesh 2.3 x 2.3 mm	(OPTIONAL) Nylon mesh 2.3 x 2.3 mm
6 x 6mm		(OPTIONAL) Galvanised-steel mesh 6 x 6 mm	(OPTIONAL) Galvanised-steel mesh 6 x 6 mm	(OPTIONAL) Galvanised-steel mesh 6 x 6 mm
20 x 20mm		(OPTIONAL) Galvanised-steel mesh 20 x 20 mm	(OPTIONAL) Galvanised-steel mesh 20 x 20 mm	(OPTIONAL) Galvanised-steel mesh 20 x 20 mm
FRAME TYPES AND DIMENSIONS				
Louvre pitch		50mm	50mm	50mm
G	Recessed wall louvre with flange	Recess depth	62mm	158mm
		Frame rebate	48mm	48mm
N	Recessed wall louvre witout flange	Recess depth	65mm	158mm
		Frame rebate	0	0
F	Window louvre	Frame depth	28mm	28mm with adapter
		Flange width	77mm	48mm
Minimum dimensions W x H		250 x 250mm	250 x 250mm	250 x 250mm



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