

DucoGrille Classic 130HP Glazed-in Window Louvre



**WINDOW
WARE**

We've got it

With the DucoGrille Classic 130HP, you get the best of both worlds – very good airflow combined with excellent Class A water resistance! This bespoke, made-to-order built-in wall grille boasts uniquely shaped high performance 130HP blades which achieve low air resistance and first-rate water tightness capable of meeting intensive ventilation requirements particularly in exposed locations or extreme weather conditions.

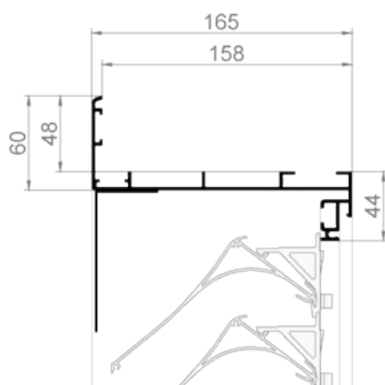
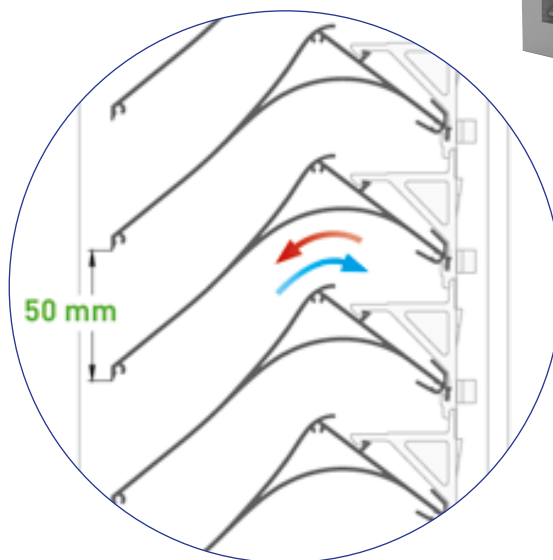
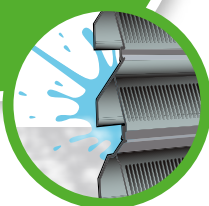
Features:

- Nylon insect mesh fitted as standard
- Stainless steel 6 x 6mm vermin mesh and 20 x 20mm bird mesh also available
- Physical free area: 70%
- Class A water resistance with insect mesh up to 2.5 m/s
- Blades and frame manufactured from extruded aluminium for strength and precision
- Quality manufactured to BS EN ISO 9001
- Fire rating D-S1-DO
- A choice of finishes available all with a 10-year surface guarantee:
 - Standard aluminium anodised coated 15-20 microns
 - Polyester powder coated 60-80 microns
 - RAL colours and texture available on demand
- Glazed-in & recessed wall louvres (with or without flange) available

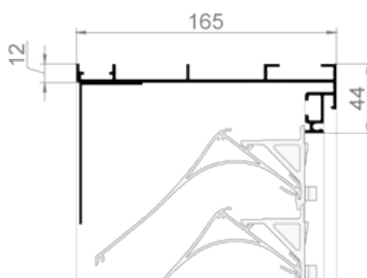
DUCO
Ventilation & Sun Control



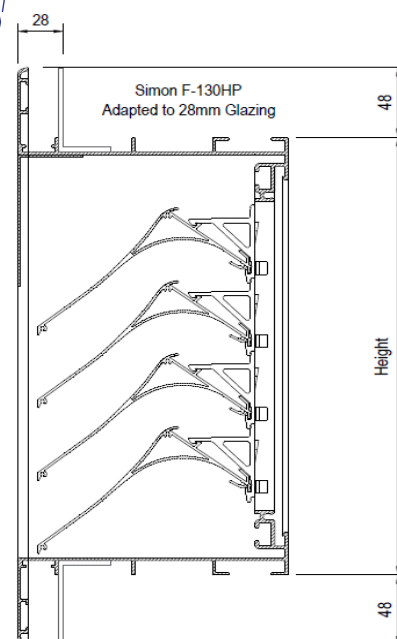
water resistance
CLASS A
up to 2.5 m/s



Classic G130HP
Recessed wall louvre
with flange



Classic N130HP
Recessed wall louvre
without flange



Classic F130HP
Recessed wall louvre
fitted into a window
with an adapter

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

130HP Excellent
Water Resistance



Quality
BS EN ISO 9001

10
Year Finish
Guarantee

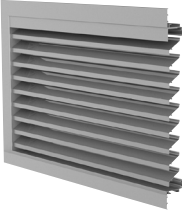


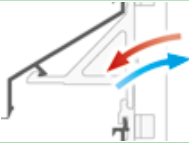
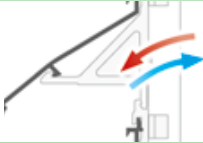




WINDOW WARE

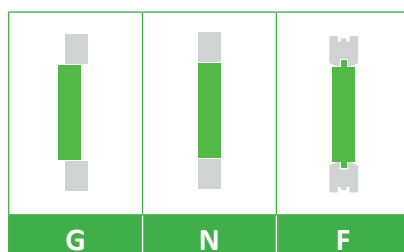
We've got it

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Ventilation & Sun Control

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	62mm	158mm
		Frame rebate	48mm	48mm	48mm
N	Recessed wall louvre witout flange	Recess depth	65mm	65mm	158mm
		Frame rebate	0	0	0
F	Window louvre	Frame depth	28mm	28mm	28mm with adapter
		Flange width	77mm	77mm	48mm
Minimum dimensions W x H			250 x 250mm	250 x 250mm	250 x 250mm



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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