

DucoGrille Classic 45HP Glazed-in Window Louvre



**WINDOW
WARE**

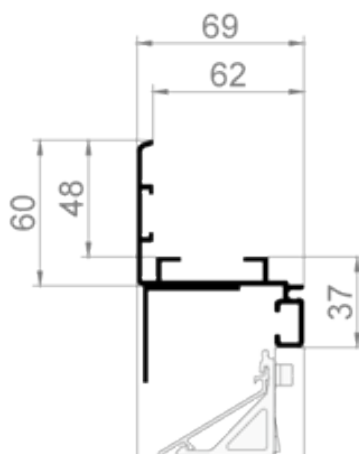
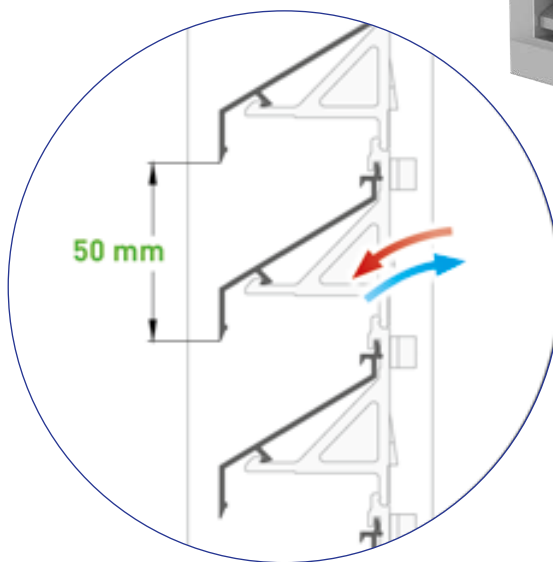
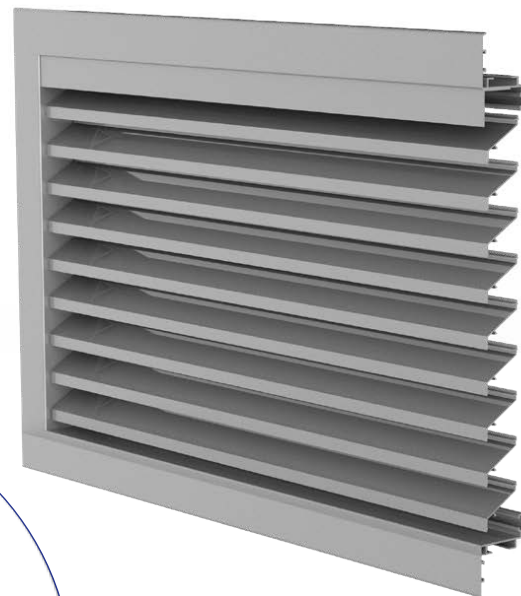
We've got it

This high-performance aluminium grille has Z-shaped louvre blades which not only look smart but deliver excellent airflow too. As a result, the DucoGrille Classic 45HP is particularly well suited to projects that require intensive ventilation and refined aesthetics. All louvre variants are custom made to order using extruded aluminium for strength and durability. A fine nylon insect mesh is fitted as standard, with other vermin control options available. The DucoGrille Classic F45 HP window louvres suit PVCu, timber and aluminium casements

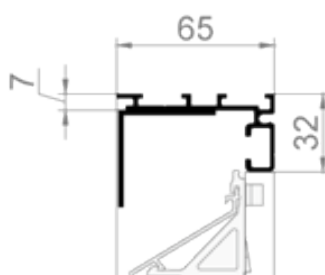
Features:

- Nylon insect mesh fitted as standard
- Stainless steel 6 x 6mm vermin mesh and 20 x 20mm bird mesh also available
- Physical free area: 60%
- Blades and frame manufactured from extruded aluminium for strength and precision
- Quality manufactured to BS EN ISO 9001
- Fire rating D-S1-D0
- A choice of finishes available all with a 10-year surface guarantee:
 - o Standard aluminium anodised coated 15-20 microns
 - o Polyester powder coated 60-80 microns
 - o RAL colours and texture available on demand
- Choose from glazed-in window louvres and recessed wall louvres (with or without flange)

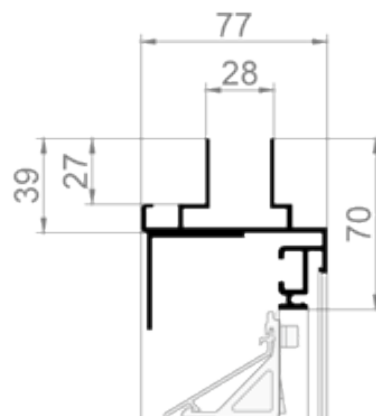
DUCO
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Classic G45HP
Recessed wall louvre
with flange



Classic N45HP
Recessed wall louvre
without flange



Classic F45HP
Window louvre

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

130HP Excellent
Water Resistance



Quality
BS EN ISO 9001

10
Year Finish
Guarantee

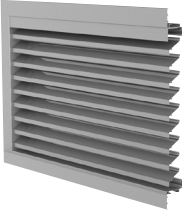


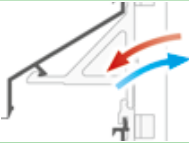
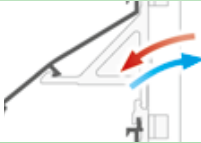




WINDOW WARE

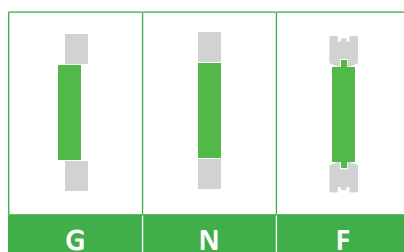
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Technical Information

					
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	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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