

DucoGrille Classic 50HP Glazed-in Window Louvre



**WINDOW
WARE**

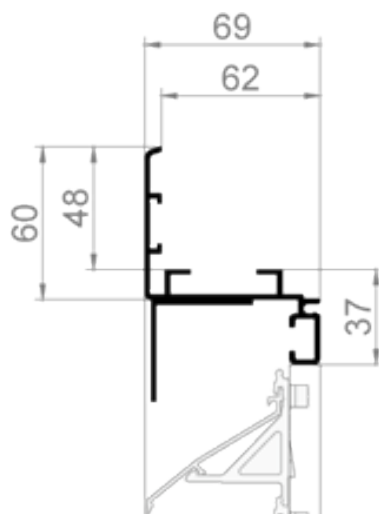
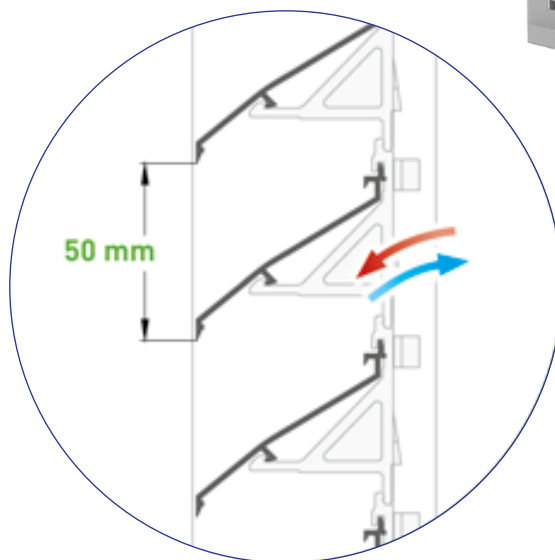
We've got it

The DucoGrille Classic 50HP has been specially developed for intensive ventilation. The uniquely shaped 'High Performance' 50HP louvre blades on this aluminium architectural louvre have a low resistance factor which allows plenty of air to flow in and out of spaces. That makes the DucoGrille Classic 50HP a perfect choice for intensive ventilation requirements such as commercial air conditioning and heating applications. All louvres are custom manufactured to suit your exact size, performance and finish specifications, with options to suit PVCu, timber and aluminium windows, as well as recessed wall installations.

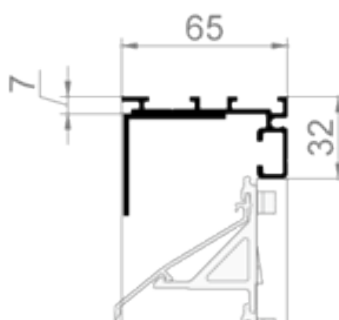
Features:

- Nylon insect mesh fitted as standard
- Stainless steel 6 x 6mm vermin mesh and 20 x 20mm bird mesh also available
- Physical free area: 68%
- 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)

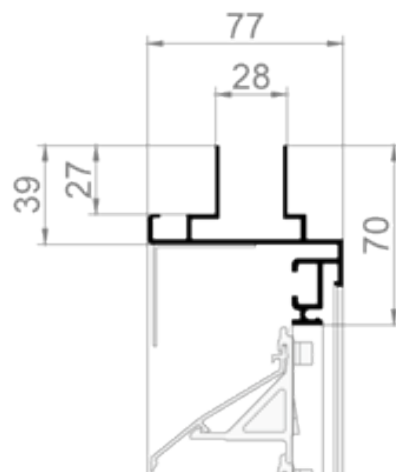
DUCO
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Classic G50HP
Recessed wall louvre
with flange



Classic N50HP
Recessed wall louvre
without flange



Classic F50HP
Window louvre

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

130HP Excellent
Water Resistance



Q
Quality
BS EN ISO 9001

10
Year Finish
Guarantee

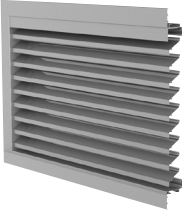


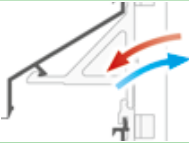
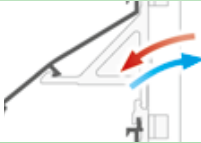




WINDOW WARE

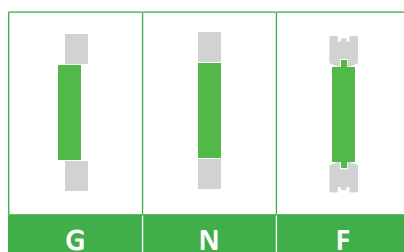
We've got it

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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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online | windowware.co.uk