

## Recessed mounted wall louvre DucoGrille Classic N 130HP

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Classic N 130HP is a recessed wall louvre, fitted with L-profiles on the side (for better water resistance) and 130HP louvres. These aluminium louvres, which have already proven themselves in the DucoWall range (see brochure "Louvre wall systems"), have been specially developed for purge ventilation thanks to their low resistance factor. The uniquely shaped aerodynamic 'High Performance' louvre blade provides a combination of very good airflow (large flow rates) together with excellent water resistance (class A).

### Features:

- **Louvres and frame:**
  - Aluminium extrusions (EN AW-6063 T66 (EN573-3)) to be clipped into louvre holders
  - Blade height: 87 mm
  - Louvre pitch: 50 mm
  - Frame rebate: 0 mm
  - Installation depth: 158 mm
  - Section thickness: minimum 1.5 mm
  - Visual free area: 88 %
  - Physical free area: 70%
- **Louvre blade holders:**
  - injection-moulded parts made of polyamide PA 6.6 glass-fibre reinforced
  - OR
  - metal parts Zamak Electrophoresis blackened

### Accessories (included):

- Insect-resistant stainless steel mesh 2.3 x 2.3 mm (standard) or vermin-resistant mesh (on request)
- Fixing lugs

### Surface treatment:

- Anodisation: Qualanod-compliant, coating thickness 15-20µm, standard natural colour (colourless anodisation)
- Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, textured paints and specific powder coating product codes

### Functional specifications:

- **Flow rate:**
  - K-factor intake: 9.02
  - K-factor exhaust: 12.40
  - C<sub>e</sub> coefficient: 0.333
  - C<sub>d</sub>coefficient: 0.284

- **Water resistance:**
  - v = 0.0m/s: class A
  - v = 0.5m/s: class A
  - v = 1.0m/s: class A
  - v = 1.5m/s: class A
  - v = 2.0m/s: class A
  - v = 2.5m/s: class A
  - v = 3.0m/s: class C
  - v = 3.5m/s: class C

### Complies with or tested in accordance with the following standards:

- Qualicoat Seaside type A (if painted finish)
- Qualanod (if anodised finish)
- EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
- EN 13030: water resistance and determination of  $C_e$  and  $C_d$  coefficients

### Fire reaction

- If version with plastic louvre holders: D-s2,d0 (EN13501-1)
- If version with metal louvre holders: A2-s1,d0 (EN13501-1)