

Architectural window louvre DucoGrille Classic F 60HP Vertical

Manufactured by: DUCO Ventilation & Sun Control

The DucoGrille Classic F 60HP Vertical is an architectural window louvre equipped with 60HP louvres. These aluminium louvres have been specially developed for purge ventilation and excellent water resistance.

Due to the vertical mounting of the louvres, the grille scores even better in terms of water resistance.

The resistance factor of the grille is low, allowing large volumes of air to be supplied or extracted over smaller areas. The visual free area is 60%, the physical free area is 50%.

Features:

- **Louvres and frame:**
 - Aluminium extrusions (EN AW-6063 T66 (EN573-3)) to be clipped into louvre holders
 - Frame width: 38 mm
 - Louvre pitch: 25 mm
 - Flange width: 28-32 mm
 - Installation depth: 76.5 mm
 - Section thickness: minimum 1.5 mm
 - Visual free area: 60 %
 - Physical free area: 50 %
 - IP class (IEC 60529): IP4X (electrical installation at min. 100 mm)
- **Louvre blade holders:**
 - Aluminium clips

Accessories (included):

- Insect-resistant stainless steel mesh 2.3 x 2.3 mm (standard), without mesh (optional) or with vermin-resistant mesh (on request)

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: 26.85
 - K-factor exhaust: 16.94
 - C_e coefficient: 0.193
 - C_d coefficient: 0.243

- **Water resistance:**

BSRIA (EN13030)

- 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 A
- v = 3.5m/s: class A

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