

## Built-in window louvre DucoGrille Classic F 50Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Classic F 50Z is a recessed window louvre manufactured from extruded aluminium profiles. The unique "Z"-shaped louvre blade produces a stylish design. The insect mesh fitted as standard in the outer grille is a strong additional asset.

### Features:

- Blade height: 76 mm
- Louvre pitch: 65 mm
- Flange width: 28 mm
- Frame depth: 77 mm
- Section thickness: minimum 1.2 mm
- Visual free area: 75 %
- Physical free area: 47%

### Accessories (included):

- Insect-resistant stainless steel mesh 2.3 x 2.3 mm (standard) or 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 standard version:**
  - K-factor inlet: 18.58
  - K-factor outlet: 14.46
  - C<sub>e</sub> coefficient: 0.232
  - C<sub>d</sub>coefficient: 0.263
- **Flow rate version "+ options":**
  - K-factor inlet: 23.34
  - K-factor outlet: 14.13
  - C<sub>e</sub> coefficient: 0.207
  - C<sub>d</sub>coefficient: 0.266

- Water repellency standard version:
  - v = 0.0m/s: class C
  - v = 0.5m/s: class C
  - v = 1.0m/s: class C
  - v = 1,5m/s: class D
  - v = 2.0m/s: class D
  - v = 2.5m/s: class D
  - v = 3.0m/s: class D
  - v = 3.5m/s: class D
  
- Water repellency version "+ options":
  - v = 0.0m/s: class A
  - v = 0.5m/s: class B
  - v = 1.0m/s: class B
  - v = 1,5m/s: class C
  - v = 2.0m/s: class C
  - v = 2.5m/s: class D
  - v = 3.0m/s: class D
  - v = 3.5m/s: class D

**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