

Built-in window louvre DucoGrille Classic F 20V

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Classic F 20V is a recessed window louvre manufactured from extruded aluminium profiles. Quick and easy assembly is possible because of the 'Turn-Click' system. Insect mesh is fitted as standard. The unique "V"-shaped blade ensures better water resistance and makes the louvre grille 'penetration-proof' and difficult to see through from the outside.

Features:

- Blade height: 20 mm
- Louvre pitch: 20 mm
- Flange width: 24 mm
- Frame depth: 35 mm
- Section thickness: minimum 1.2 mm
- Visual free area: 95 %
- Physical free area: 34%

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: 41.62
 - K-factor outlet: 41.62
 - C_e coefficient: 0.155
 - C_dcoefficient: 0.155
- **Flow rate version "+ options":**
 - K-factor inlet: 45.04
 - K-factor outlet: 45.04
 - C_e coefficient: 0.149
 - C_dcoefficient: 0.149

- **Water repellency standard version:**
 - v = 0.0m/s: class A
 - v = 0.5m/s: class B
 - 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 A
 - v = 1.0m/s: class B
 - v = 1.5m/s: class B
 - 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