# 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
  + Ce coefficient: 0.155
  + Cdcoefficient: 0.155

### Flow rate version "+ options":

* + K-factor inlet: 45.04
  + K-factor outlet: 45.04
  + Ce coefficient: 0.149
  + Cdcoefficient: 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 Ce and Cd coefficients