# 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
	+ Ce coefficient: 0.232
	+ Cdcoefficient: 0.263

### Flow rate version "+ options":

* + K-factor inlet: 23.34
	+ K-factor outlet: 14.13
	+ Ce coefficient: 0.207
	+ Cdcoefficient: 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 Ce and Cd coefficients