# Recessed mounted (wall/window) louvres DucoGrille Close 35Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Close G 35Z and N 35Z are closable recessed wall louvres manufactured from extruded aluminium sections. The DucoGrille Close is also available as a closable window louvre (F  35Z), ideal for Night Cooling applications. The unique “Z”-shaped louvre blades provide adjustable ventilation by manual or electric operation.

## Features:

* Blade height (mm): 40
* Louvre pitch (mm): 50
* Visual free area: 51 %
* Physical free area: 39%

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| --- | --- | --- | --- | --- |
|  | DucoGrille Close  G 35Z | DucoGrille Close  N 35Z | DucoGrille Close  F 35/24Z | DucoGrille Close  F 35/28Z |
| Recess depth | 42 | 42 |  |  |
| Frame width | 0 | 0 | 45 | 45 |
| Flange width | 0 | 0 | 24 | 28 |

## Accessories (included):

* Fixing lugs (only with DucoGrille Close G 35Z and N 35Z)

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| --- | --- | --- | --- | --- | --- |
|  | Perforated louvre blades | | Stainless steel insect screen | | |
|  | Insect screen | Bird protection | 2,3 x 2,3 mm | 6 x 6 mm | 20 x 20 mm |
| DucoGrille Close G 35Z |  |  | S | O | O |
| DucoGrille Close N 35Z |  |  | S | O | O |
| DucoGrille Close  F 35/24Z |  |  | S | O | O |
| DucoGrille Close  F 35/28Z |  |  | S | O | O |
| S = Standard | O = Optional |  |  |  |  |

## 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 inlet: 30.19
  + K-factor outlet: 23.56
  + Ce coefficient: 0.182
  + Cdcoefficient: 0.206

### Water resistance

* + v = 0.0m/s: class B
  + 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

## 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