# Surface-mounted wall louvre DucoGrille Solid M 30Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Solid M 30Z is a surface-mounted wall louvre manufactured from extruded aluminium sections. The stackable louvre blades provide unparalleled rigidity. The perforated louvre blades act as an insect screen (2 types of perforation). The “Z”-shaped louvre blade produces a sleek design.

## Features:

* Louvre pitch: 37.50 mm
* Frame depth: 43 mm
* Section thickness: minimum 1.2 mm

|  |  |  |  |
| --- | --- | --- | --- |
|  | DucoGrille Solid  M 30Z P1 | DucoGrille Solid  M 30Z P2 | DucoGrille Solid  M 30Z NP |
| Visual free area | 60 | 86 | 0 |
| Physical free passage | 34 | 48 | 0 |

## Accessories (included):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 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 Solid  M 30Z P1 | S |  |  |  |  |
| DucoGrille Solid  M 30Z P2 |  | S | S | O | O |
| DucoGrille Solid  M 30Z NP |  |  |  |  |  |
| 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 standard version:

|  |  |  |  |
| --- | --- | --- | --- |
|  | DucoGrille Solid  M 30Z P1 | DucoGrille Solid  M 30Z P2 | DucoGrille Solid  M 30Z NP |
| K-factor inlet | 16,94 | 15,02 |  |
| K-factor outlet | 18,26 | 15,62 |  |
| Ce | 0,243 | 0,258 |  |
| Cd | 0,234 | 0,253 |  |

### Flow rate version "+ options":

|  |  |  |  |
| --- | --- | --- | --- |
|  | DucoGrille Solid  M 30Z P1 | DucoGrille Solid  M 30Z P2 | DucoGrille Solid  M 30Z NP |
| K-factor inlet | 21,43 | 18,58 |  |
| K-factor outlet | 17,08 | 14,13 |  |
| Ce | 0,216 | 0,232 |  |
| Cd | 0,242 | 0,266 |  |

### Water resistance standard version:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | v = 0 m-s | v = 0.5 m-s | v = 1 m-s | v = 1.5 m-s | v = 2 m-s | v = 2.5 m-s | v = 3 m-s | v = 3.5 m-s |
| DucoGrille Solid  M 30Z P1 | B | C | C | D | D | D | D | D |
| DucoGrille Solid  M 30Z P2 | C | C | C | D | D | D | D | D |
| DucoGrille Solid  M 30Z NP |  |  |  |  |  |  |  |  |

### Water resistance version "+ options":

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | v = 0 m-s | v = 0.5 m-s | v = 1 m-s | v = 1.5 m-s | v = 2 m-s | v = 2.5 m-s | v = 3 m-s | v = 3.5 m-s |
| DucoGrille Solid  M 30Z P1 | B | B | C | C | D | D | D | D |
| DucoGrille Solid  M 30Z P2 | B | B | B | B | C | D | D | D |
| DucoGrille Solid  M 30Z NP |  |  |  |  |  |  |  |  |

## 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