

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%

	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)

	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
 - C_e coefficient: 0.182
 - C_d coefficient: 0.206

- Water resistance
 - $v = 0.0\text{m/s}$: class B
 - $v = 0.5\text{m/s}$: class B
 - $v = 1.0\text{m/s}$: class C
 - $v = 1,5\text{m/s}$: class D
 - $v = 2.0\text{m/s}$: class D
 - $v = 2.5\text{m/s}$: class D
 - $v = 3.0\text{m/s}$: class D
 - $v = 3.5\text{m/s}$: 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