Recessed mounting louvre DucoGrille Acoustic G 150

Manufactured by: DUCO Ventilation & Sun Control
The DucoGrille Acoustic G150 is a sound-absorbing built-in wall louvre, manufactured from extruded aluminium sections. The louvre blades can be clipped onto plastic blade holders quickly and simply, and are fitted on the inside with sound-absorbing, non-flammable mineral wool. Thanks to its heavy-duty construction, the DucoGrille Acoustic G150 has a high attenuation value plus a low resistance factor (and can consequently supply larger flow rates).

Features:

- Louvre pitch: 150 mm
- Frame rebate: 48 mm
- Installation depth: 158 mm
- Section thickness: minimum 1.5 mm
- Visual free area: 74 %
- Physical free area: 35%

Accessories (included):

- Insect-resistant stainless steel mesh 2.3 x 2.3 mm (standard) or vermin-resistant mesh (on request)
- Fixing lugs

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: 11.49
    - K-factor outlet: 11.41
    - C_e coefficient: 0.295
    - C_d coefficient: 0.296

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

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- Attenuation value
  - Rw (C;Ctr) (in dB): 11 (-1;-2)

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
- EN ISO 10140: acoustic measurements (for acoustic products)

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