

Built-in wall louvre DucoGrille Close 105

Manufactured by: DUCO Ventilation & Sun Control

The DucoGrille Close 105 is a blade damper which, as a result of its high airflow rate, is eminently suitable for use in a building's ventilation applications.

The DucoGrille Close 105 is built into the wall as a supply grille and fitted with an aesthetic grille along both sides. Together with the grilles from the DucoGrille Solid range, this blade damper forms the ideal combination. Moreover, the DucoGrille Close 105 can also be used as an adjustable exhaust unit thanks to its large passage.

Features:

- Blade type: Close 105 HD PVC
- Louvre pitch (mm): 91
- Visual free area: 74 %
- Physical free area: 74 %
- Width (mm): Min. 258mm to max. 3000mm (incremental per 1mm)
- Height (mm): Min. 258mm to max. 3000mm (incremental per 1mm)
Depending on the width, see dimensions table in technical data sheet
- Installation depth (mm): 105
- Positions: intermediate positions possible

Surface treatment:

Frame profile:

- Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss
Upon request: other finish coating thicknesses, paint gloss levels, textured paints and specific powder coating product codes

Functional specifications:

- **Flow rate:**
 - K-factor inlet: 2.57
 - K-factor outlet: 2.57
 - C_e coefficient: 0.624
 - C_d coefficient: 0.624
- **Water resistance**
 - Class A (up to v=1.5m/s in fully open position, in combination with DucoGrille Solid 30Z as external grille)
- **Attenuation value**
 - R_w (C;Ctr) (in dB): closed: 21 (-2;-2); open: 3 (0;-1)
- **Insulation value**
 - U = < 1 W/m²K

Complies with or tested in accordance with the following standards:

- Qualicoat Seaside type A
- 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 12207, EN 1026: air tightness
- EN 12208, EN 1027: watertightness
- EN ISO 10140: acoustic measurements