

WSG-H3 horizontal weather-proof louvre for supply and exhaust air



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Horizontal weather-proof louvres act as the horizontal duct closure for fitting on the outside of buildings or as ventilation opening closures on roofs. The horizontal weather-proof louvre offers a visually more attractive alternative as a rain protector or a protector hood.

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Frame made of **3 mm** thick **aluminium profiles** bent at the edges and continuously seam welded, **frame depth 320 mm**. Upper contact flange flush, standard flange width 100 mm. Inner circumferential drip rail 50 mm and drains at the bottom for water removal.

With **three vane bearings** made of specially shaped vanes made of **1 mm aluminium sheet**. Vanes positioned in the frame using spacers and bolted torsionally rigid to the frame by tie rods running horizontally through the vanes and spacers.

Galvanised protection grill (mesh width 16/16 mm) to prevent entry of coarse dirt and small animals. Attached to vanes at the top.

Design versions:

- H3** for **supply and exhaust air**, roof pitch **0°- 35°**
 - H3-SDf** for supply and exhaust air, roof pitch **36°- 55°** (water drained over roof)
 - H3-SDs** for supply and exhaust air, roof pitch **56°- 80°** (water drained over roof)
- Above a minimum size of 400 mm x 400 mm, all dimensions available to the nearest millimetre.

Materials:

- Aluminium (standard), frame 3 mm thick, vanes 1 mm thick
- Stainless steel V2A (1.4301 / 1.4307) or V4A (1.4571), frame 2 mm thick, vanes 1 mm thick
- Copper, frame 2 mm thick, vanes 1 mm thick
- Copper-titanium-zinc (CuTiZn), frame 2 mm thick, vanes 1 mm thick

Options:

- Flange width to customer requirements up to max. 600
- Bottom contact flange flush (surface-mounted variant).
- **Water drained over roof** through several longitudinal holes.
- With overhead **heating tape** (electrical resistance heater), recommended for Type H3
- Painted, powder-coated or anodised, colour on demand
- Bottom duct connecting frame, standard length 150 mm, connecting flange 25 mm or 35 mm