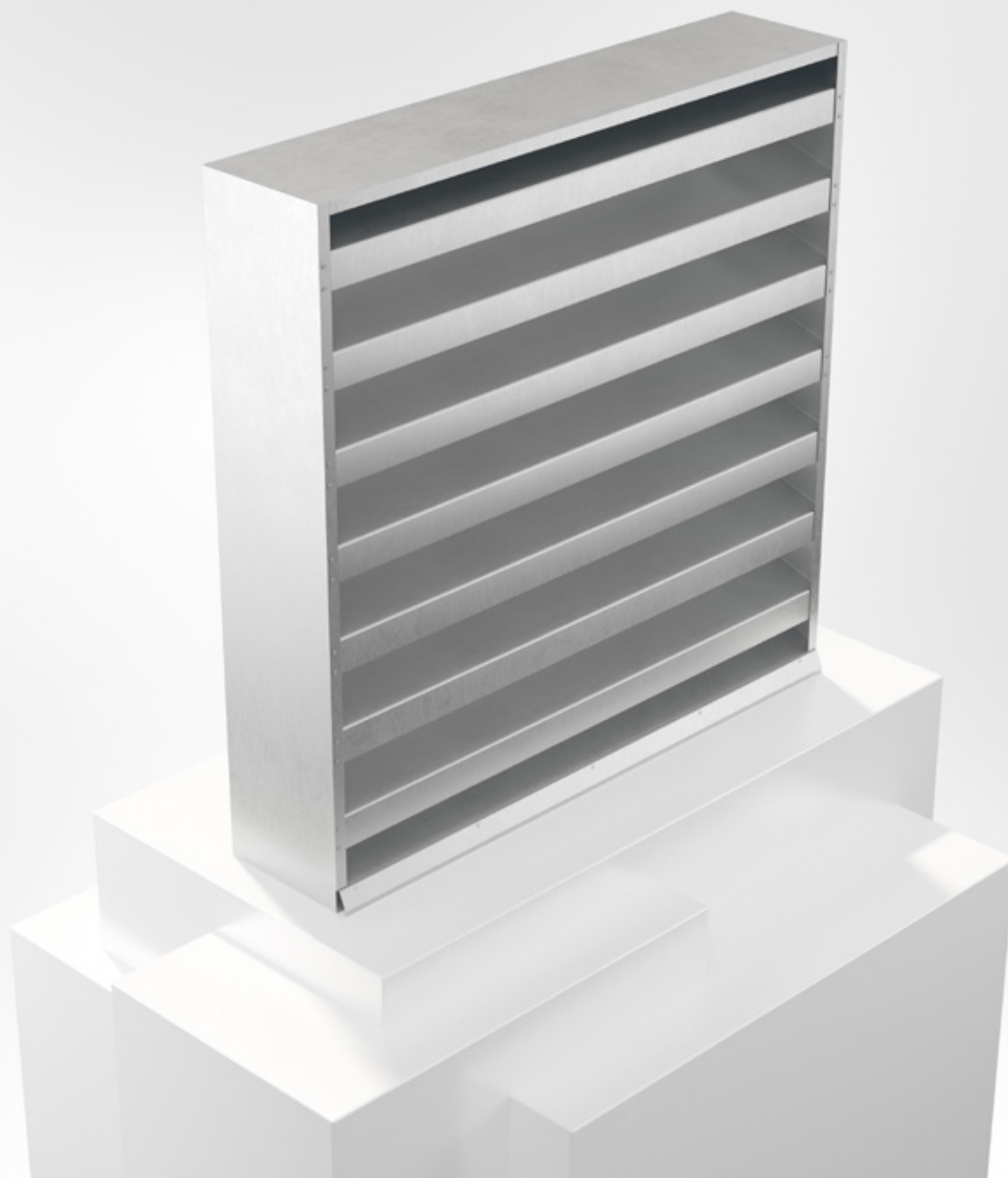


BRYL

Outer wall louvre



LOUVRES



27/06/2024



Outer wall louvre BRYL



Quick facts

- BRYL has primarily been developed to provide good sound insulation
- Louvres with a width and height larger than 1500 mm-1500 mm are delivered in a split version design, the products are divided in width. Framework to mount between the louvre sections are included.
- An angle iron frame is available to facilitate mounting
- Galvanised sheet steel as standard
- Available in powder coated finish corrosivity class C4

Use

BRYL is an outer wall louvre with good sound proofing properties. The grille can be used both for intake air and exhaust air, and consists of specially angled slats that contain sound-proofing material. The louvre has a roden proof mesh and a drop list as standard.

Louvres with a width and height larger than 1500 mm-1500 mm are delivered in a split version design, the products are divided in width. Framework to mount between the louvre sections are included.

An angle iron frame is available to facilitate mounting. The angle iron frame (50x50 mm) is delivered in 4 parts and is powder coated if the product is powder coated.

Water separation

BRYL has primarily been developed to provide good sound insulation. The frame has not been tested to European standard EN 13030:2001. When dimensioning the intake air, a maximum of 2 m/s across the connection area is recommended.

Material, surface finish

The louvre is made in galvanized sheet steel and can also be supplied powder coated (C4) in any colour, see www.bevent-rasch.com. The louvre can also be manufactured in stainless steel AISI 316L (EN 1.4404) or aluzinc AZ185.

Specification

Example:

Soundproofing outer wall louvre **BRYL- 600-600 - 1 - 0 - 0**

Size

Width x Height (W x H), mm

Material

Galvanized sheet steel = 1

Stainless AISI 316L – EN 1.4404 = 3

Aluzinc AZ185 = 5

Surface finish

Unfinished = 0

Surface treatment = 1*

* Colour code should be stated in plain text, see www.bevent-rasch.com

Frame

Without angle iron frame = 0

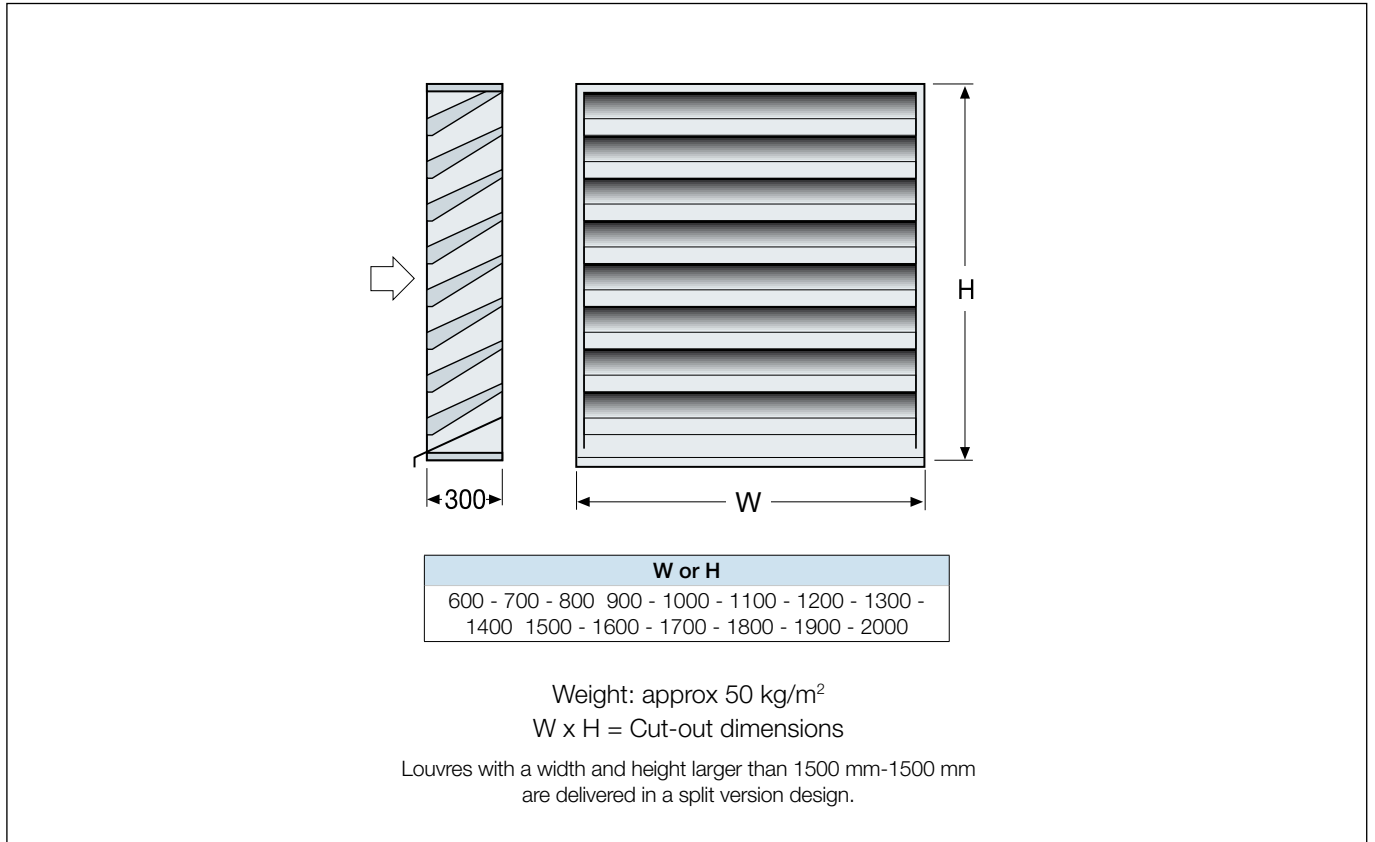
With angle iron frame = 1

Special

Large louvres are delivered in a split version design, where the split can be done in width or height. Framework to mount between the louvre sections can be supplied as an accessory.



Dimensions

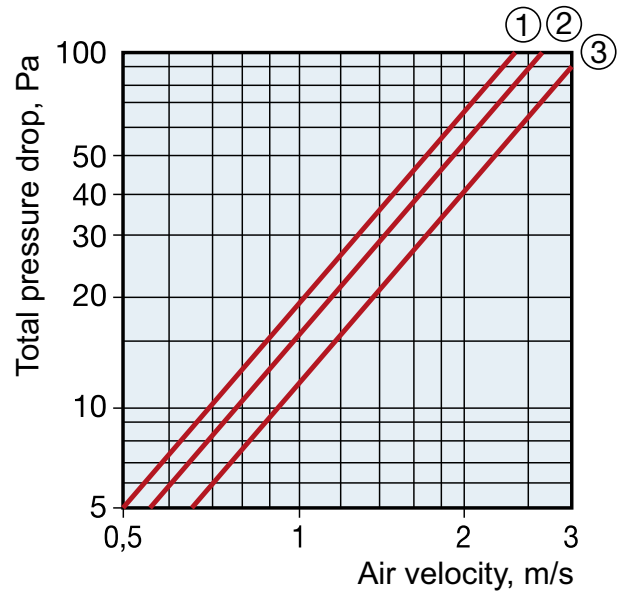


Size chart

The air velocity is calculated based on the connection area. The louvre's free area depends on the louvre height.

- ① Height 600 mm = 16%
- ② Height 700-900, 1100-1300 mm = 24%
- ③ Height 1000, 1400-2000 mm = 29%

In the event of excessive air velocity the unit's own noise generation and pressure drop will become too high. The airspeed over the net area should not exceed 10 m/s.



Insert attenuation

Insert attenuation in octave band dB							
Mid frequency Hz							
63	125	250	500	1000	2000	4000	8000
3	5	8	11	20	22	16	15