

BRYI

Outer wall louvre



LOUVRES



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www.bevent-rasch.com

 BEVENT RASCH



Outer wall louvre BRYI



Quick facts

- Sizes from 200-200 mm to 2000-2000 mm.
- Can be made larger in a two-piece design.
- Magnelis (C4) as standard.
Also available in stainless steel.
- Delivered with rodent proof wire mesh
- Available in MagiCAD

Use

BRYI is an outer wall louvre designed for use as a fresh air and exhaust air louvre. Suitable for use at exposed locations and when there is risk for mechanical tampering. The louvre consists of a mounting frame with cover flange and drip channel and with removable louvre insert. Delivered with a rodent proof wire mesh on the inside. Louvres with one side larger than 2000 mm are delivered in a two-piece design. Framework to mount between the louvre sections can be supplied as an accessory.

Water separation

BRYI is tested according to the standard EN 13030:2001. When dimensioning the outdoor air, a maximum of 2 m/s across the connection area is recommended.

Material, surface finish

The grille is manufactured in Magnelis corrosivity class C4 and can be supplied in the desired colour, see www.bevent-rasch.com. The louvre can also be manufactured in stainless steel EN 1.4404 (SS2343).

Specification

Example:

Louvre BRYI - 600 - 400 - 5 - 0

Size:

Width x Height
in mm, see dimensions on page 3

Material:

Magnelis ZM120 C4 = 5
Stainless AISI 316L – EN 1.4404 = 3

Surface finish:

Unfinished = 0
Powder coated = 1*

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

Special

The louvre can be delivered in many different special designs regarding dimensions, flange, material choices, etc. For questions about specials, contact Bevent Rasch.



Dimensions

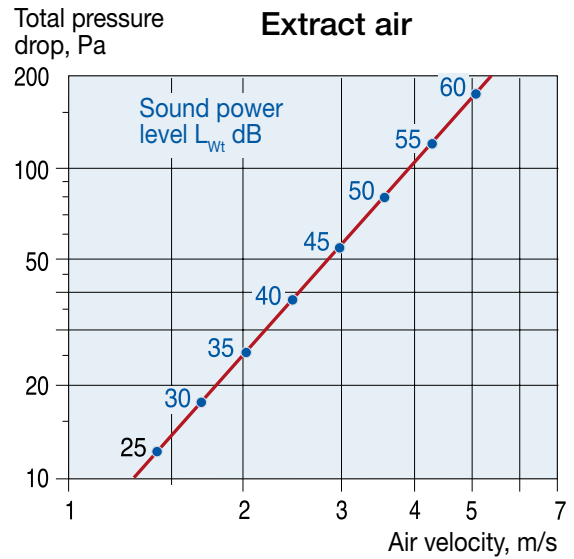
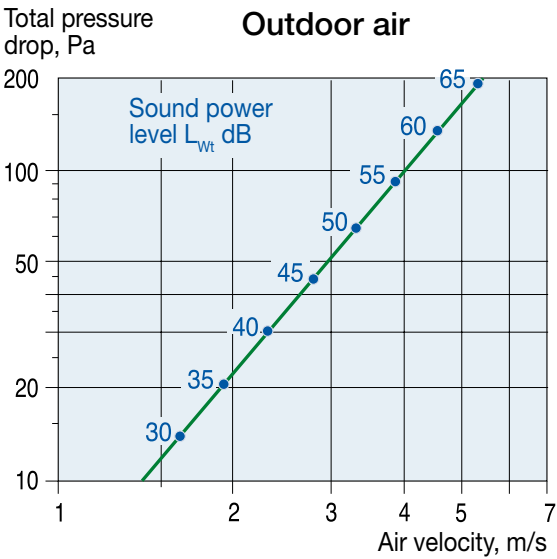
W or H
200 - 250 - 300 - 400 - 500 - 600 - 700 - 800
900 - 1000 - 1100 - 1200 - 1300 - 1400
1500 - 1600 - 1700 - 1800 - 1900 - 2000

Weight: about 52 kg/m²
W x H = Cut-out dimensions

Louvres with any side larger than 2000 mm are delivered in a two-piece design. A framework between louvre parts can be supplied as an accessory.

Size chart

The air speed is calculated on the connection area (gross area). The grille's free area is 55% of the connection area.



Sound data

Correction of sound power level, L_w, for different sizes

$$L_w = L_{wft} + K_1$$

Grille area, m ²	0,12	0,25	0,5	1,0	2,0	3,0	4,0
K ₁	-3	0	3	6	9	10,5	12

Correction of sound power level, L_{wok}, in octave band

$$L_{wok} = L_w + K_{ok}$$

Centre frequency Hz	125	250	500	1000	2000	4000	8000
K _{ok}	-4	-3	-5	-5	-5	-13	-24

Reductions in noise level depend on the distance from BRYI and the connection area.

