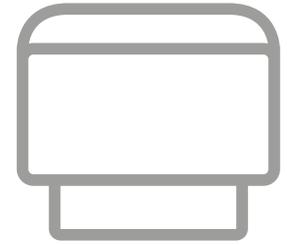
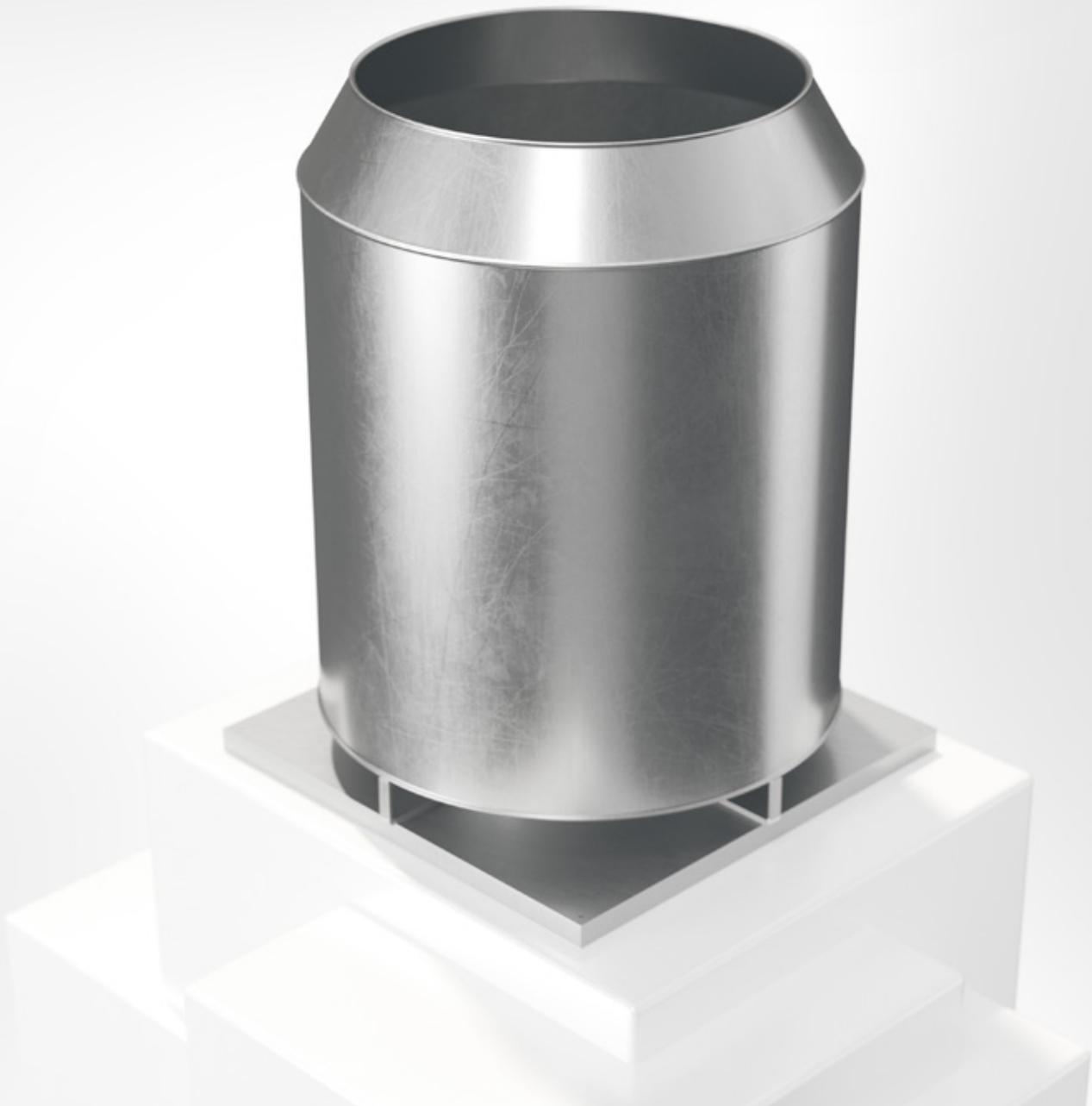


BRBA

Exhaust Air Cowl



COWLS



08/12/2023



Exhaust Air Cowl BRBA



Quick facts

- Sizes from Ø315 mm to Ø1500 mm
- Internal water deflector
- Size 315 is fitted with a socket connection, sizes 400-1500 are fitted with flange connection
- Can be built with a transition which suits Roof inlet BRTG
- Galvanized sheet steel as standard
- Available in powder coated finish corrosivity class C4
- The cowl can be customized
- Available in MagiCAD
- Size 1500 is supplied in a split version

Use

BRBA is a circular exhaust air cowl designed to provide a high outlet velocity and large air flows. This reduces the risk for dust and impurities falling back to the ground level. BRBA is prefitted with internal water deflector which reduce water ingress when the extractor fan is not in operation.

Size 315 is fitted with a socket connection, sizes 400-1500 are fitted with a flange connection. BRBA can be fitted with roof inlet BRTG, and can be built with a transition which suits BRTG.

From size 800 and up, the cowl is equipped with eye-bolts as standard and can be supplied as accessories for smaller sizes. Size 1500 is supplied in a split version.

Material, surface treatment

The air cowl is manufactured as standard in galvanized sheet steel and can also be supplied in a painted finish (C4) in any colour, see www.bevent-rasch.com

The air cowl can also be supplied in aluzink AZ185 or in stainless steel EN 1.4404 (AISI 316L).

Specification

Example:

Exhaust Air Cowl **BRBA - 400 - 1 - 0 - 6**

Size, mm

see size table

Material:

Galvanized sheet steel = 1

Stainless AISI 316L – EN 1.4404 = 3

Aluzink AZ185 = 4

Surface treatment:

Unfinished = 0

Powder coated = 1*

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

Connection:

Socket (size 315) = 0

Flange (size 400-1500) = 1

Sleeve coupling (built-in) = 6-18

(indicate size of transformation piece as per size table)

Accessories:

Roof inlet BRTG

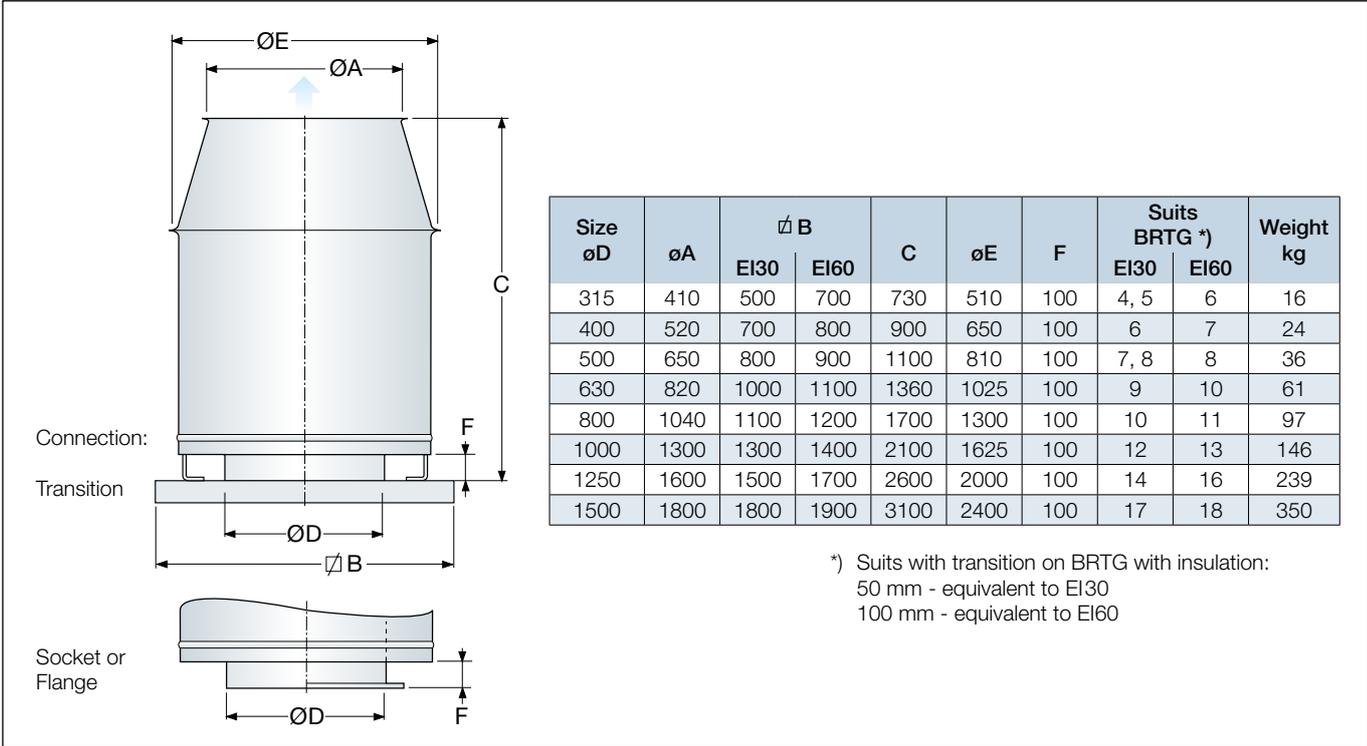
Counter flange BRFL

Special

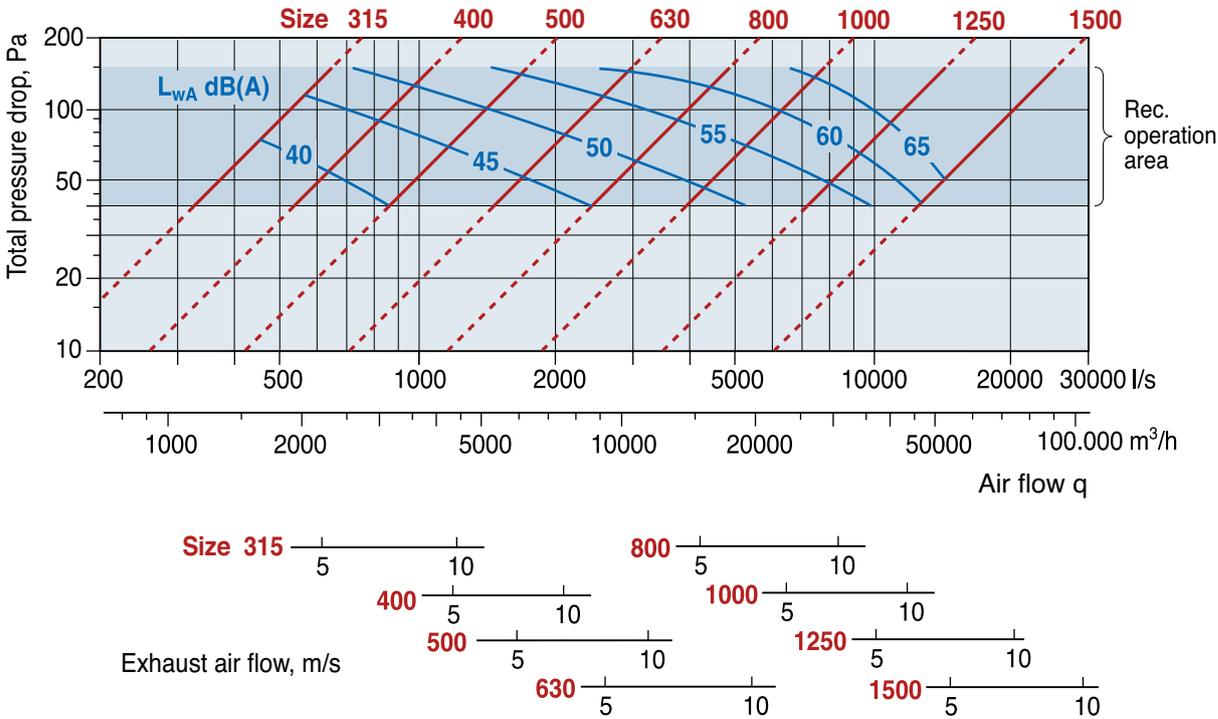
The air cowl can be supplied in many different custom designs in terms of dimensions, choice of material, etc. Contact Bevent Rasch.



Dimensions



Selection chart



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

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

Octave band	125	250	500	1000	2000	4000	8000
K_{ok}	2	0	-3	-9	-14	-16	-24

Reduction in sound power level depending on distance from the air cowl calculated on fully spherical propagation.

Distance, m	25	50	75	100	150
Reduction, dB(A)	-39	-45	-48	-51	-55