

- Built-in
- Circular
- Aluminium



Aluminium external louvres type BLR-B/BLR-Z

Natural aluminium or black-grey air grilles

Brand

- Cairox

Application

- For air intake or exhaust in ventilation systems, more particular in domestic ventilation systems

Material

- Aluminium

Colour

- Natural finished aluminium type **BLR-B**
- Black-grey RAL 7021 type **BLR-Z**
- Other colours available upon request

Composition

- Frame and weather resistant cover made out sheet aluminium
- Mesh with free area of 125% of the duct passage
- Duct connection

Mounting

- To be inserted into round ducts and to be screwed on the exterior wall

Text for tender

- The air grilles will be of the type for exterior placement with round duct connector and housing in naturally finished sheet aluminium or black-grey coated
- **Cairox** type **BLR-B** or **BLR-Z**

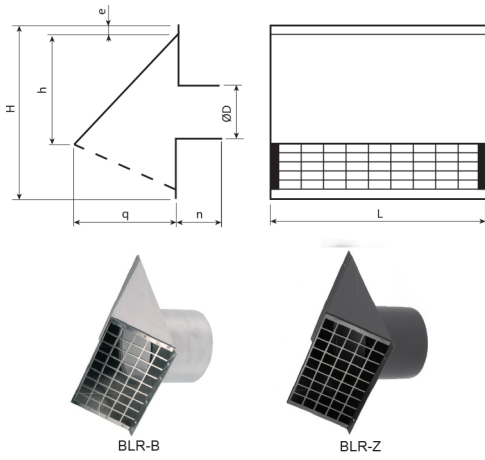
Order example

- **BLR-B, 150**

Explanation

BLR-B = Type grill

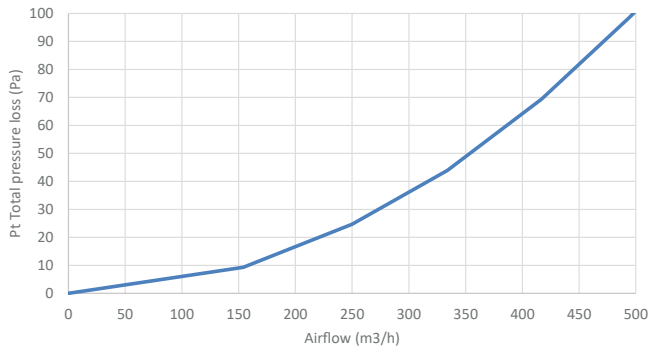
150 = Connection diameter



Dimensions										
	ØD [mm]	H [mm]	L [mm]	q [mm]	h [mm]	e [mm]	n [mm]	Ak LXQ [cm ²]	Ak ØD [cm ²]	Ak [%]
BLR-B/BLR-Z 150	146	266	255	111	153	16.5	135	220	177	+/- 125
BLR-B/BLR-Z 160	156	281	272	118	163	16.5	135	250	201	+/- 125
BLR-B/BLR-Z 180	176	310	298	132	182	16.5	135	320	254	+/- 125
BLR-B/BLR-Z 200	196	340	340	147	202	16.5	135	380	314	+/- 125
BLR-B-/BLR-Z 250	246	419	425	184	254	16.5	135	620	491	+/- 125
BLR-B-/BLR-Z 315	311	519	536	231	320	16.5	135	980	779	+/- 125

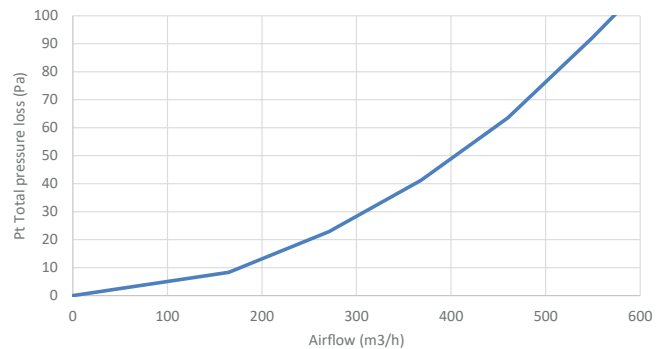
Selection graph

Total pressure loss for BLR-B/BLR-Z 150



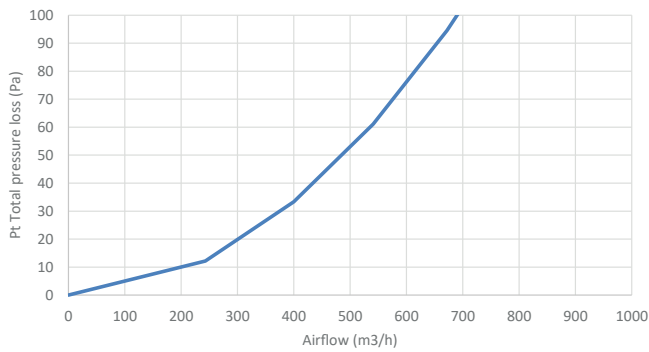
Total pressure loss coefficient $P_t = C \times Q^2$ $C = 3,95563E-04$ $(R^2=1)$

Total pressure loss for BLR-B/BLR-Z 160



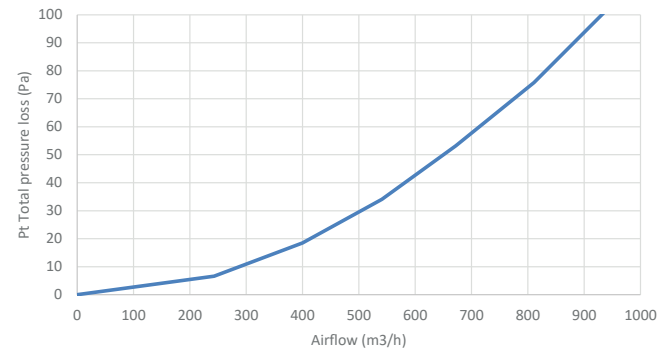
Total pressure loss coefficient $P_t = C \times Q^2$ $C = 3,00987E-04$ $(R^2=1)$

Total pressure loss for BLR-B/BLR-Z 180



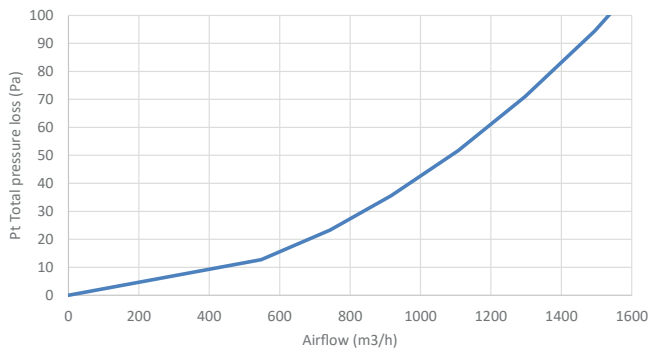
Total pressure loss coefficient $P_t = C \times Q^2$ $C = 2,08314E-04$ $(R^2=1)$

Total pressure loss for BLR-B/BLR-Z 200



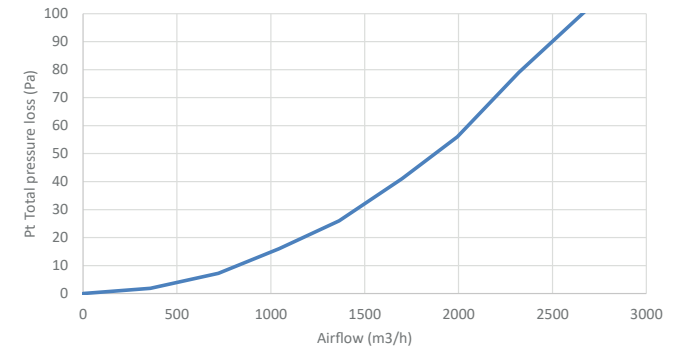
Total pressure loss coefficient $P_t = C \times Q^2$ $C = 1,15642E-04$ $(R^2=0,9999)$

Total pressure loss for BLR-B/BLR-Z 250



Total pressure loss coefficient $P_t = C \times Q^2$ $C = 4,30146E-05$ $(R^2=0,9999)$

Total pressure loss for BLR-B/BLR-Z 315



Total pressure loss coefficient $P_t = C \times Q^2$ $C = 1,42915E-05$ $(R^2=0,9991)$