Rectangular sound attenuator with circular connections - Low built

LRCNA

Description

Rectangular sound attenuator with circular connections - Low built

LRCNA is a straight rectangular sound attenuator with circular connections. It has low installation height and is available in standard dimensions Ø 100-400 mm.

The casing is made from galvanized steel with an inner tube made of steel sheet. The inner tube is designed with small openings to withstand mechanical cleaning. The attenuation material is mineral wool. A micro-perforated tissue is inserted between the inner tube and the mineral wool, to prevent fibres from the wool spreading into the duct system.

- Low building height.
- Fulfills tightness class D.
- Low pressure drop.
- Cleanable with rotating nylon brush.
- An excellent choice for installations above suspended ceiling or where space is otherwise limited.

Technical data conducted in accordance with ISO 7235.

For special requirements, please contact Lindab sales.

Order code

Product	**LRCNA**	**d**	**l**
LRCNA			

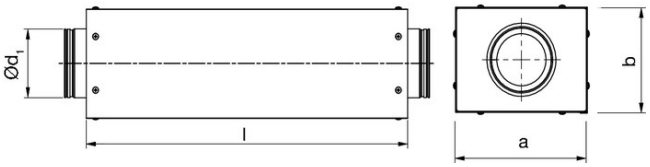
Connection (d) in mm ($Ød_1$)
100 - 400 mm

Length (l) in mm (l_{nom})
500 or 1000 mm

Example: LRCNA - 125 - 1000

EUROVENT CERTIFIED PERFORMANCE
CB Identification number 08.01.403
www.eurovent-certification.com

Dimensions and sound data



Insertion loss [dB] for centre frequency [Hz]												
$Ød_1$ [nom]	l [mm]	a × b [mm]		63	125	250	500	1k	2k	4k	8k	m [kg]
100	500	210	158	13	16	14	27	44	42	41	22	3,4
100	1000	210	158	20	24	25	41	50	47	50	36	5,9
125	500	239	181	11	10	11	23	35	36	25	14	3,7
125	1000	239	181	14	16	21	39	50	50	49	22	6,6
160	500	275	218	12	7	11	22	26	26	15	11	4,5
160	1000	275	218	22	13	19	36	50	50	30	18	8,2
200	500	328	254	11	5	10	18	21	17	9	9	5,5
200	1000	328	254	17	9	16	31	43	37	19	13	9,7
250	500	390	308	9	5	10	14	18	13	7	9	7,4
250	1000	390	308	13	9	15	32	38	28	13	11	12,6
315	500	453	372	5	3	9	12	15	10	8	8	9,3
315	1000	453	372	10	7	13	28	32	20	12	12	15,8
400	500	546	460	4	3	7	9	9	6	5	5	12,5
400	1000	546	460	8	5	14	19	22	12	9	9	20,8

Note! Limiting insertion loss is 50 dB.

Technical data

To select the appropriate sound attenuator and optimize connection size and length for the best performance you can use our online tool LindQST.