Rectangular hygienic sound attenuator with circular connections -Low built LRCNAH



Description

LRCNAH is a straight rectangular hygienic sound attenuator with circular connections. It is approved Hygienic in accordance with VDI 6022 and Health care according to DIN 1946-4. It has low installation height and is available in standard dimensions Ø100-400 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 microperforated tissue is inserted between the inner tube and the mineral wool, to prevent fibres from the wool spreading into the duct system.

- Hygienic approved, VDI 6022 and DIN 1946-4.
- Inert to fungal and bacterial growth acc. to DIN EN 846.
- Low building height.
- Fulfills tightness class D (ATC 2).
- 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.

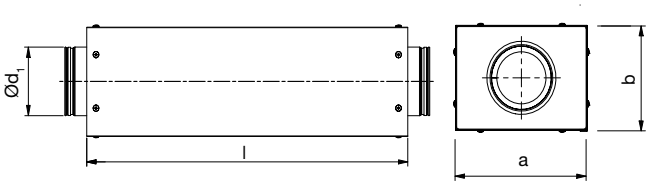
Order code

Product	**LRCNAH**	**d**	**l**
LRCNAH			
Connection (d) in mm ($Ød_1$)			
100 - 400 mm			
Length (l) in mm (l_{nom})			
500 or 1000 mm			

Example: LRCNAH - 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	10	13	16	26	38	42	41	22	3,4
100	1000	210	158	15	25	24	39	50	48	47	36	5,9
125	500	239	181	9	13	14	24	31	34	31	17	3,7
125	1000	239	181	16	23	22	44	50	50	48	28	6,6
160	500	275	218	10	9	13	21	27	29	22	13	4,5
160	1000	275	218	15	15	21	43	50	50	41	21	8,2
200	500	328	254	9	7	10	16	22	22	15	12	5,5
200	1000	328	254	17	10	20	33	43	47	27	16	9,7
250	500	390	308	8	5	10	14	17	17	10	10	7,4
250	1000	390	308	16	9	17	29	39	37	18	14	12,6
315	500	453	372	6	5	8	11	14	12	8	8	9,3
315	1000	453	372	11	8	15	24	31	24	13	12	15,8
400	500	546	460	5	4	8	10	12	6	6	5	12,5
400	1000	546	460	8	7	15	20	15	16	9	11	20,8

Note! Max. attenuation specified is 50 dB.

Technical data

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