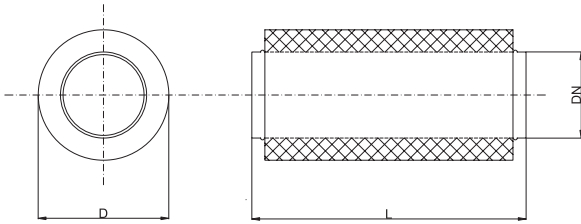


Silencers

The outer surface of the **LR** round silencer is made of galvanized sheet metal, the inner surface is made of perforated galvanized sheet, gaskets made of EPDM material, the insulation material used between the two surfaces is rock wool with 50 mm thickness at 50 kg / m³ density and non-flammable according to DIN 4102 standard A2 class. Tightness class D (EN 1751).



They are used to reduce airborne noise in air ducts. They are designed to use after the SDR round VAV units and are suitable for round air duct mounting.

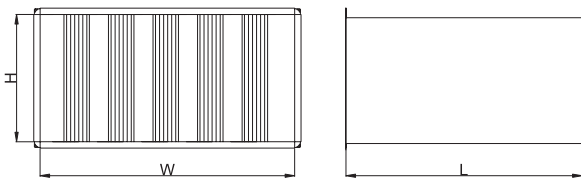
They can be manufactured in all RAL codes if required.

L= 300mm – 950mm

Attenuation values

SIZE DN (mm)	D (mm)	L Standard [mm]	Oktav Bands (Hz)							
			63	125	250	500	1000	2000	4000	8000
Attenuation Values (dB)										
100	200	950	7	10	20	34	49	51	51	28
125	225	950	5	9	19	31	41	49	42	27
160	260	950	3	8	16	27	36	48	37	22
200	300	950	2	7	13	24	31	43	31	20
250	350	950	1	6	11	21	27	39	25	18
315	415	950	1	5	9	18	23	32	20	18
400	500	950	0	2	6	11	22	20	10	8

The casing of the **LS** rectangular silencer is manufactured from galvanized sheet between 0,8 mm and 1,5 mm according to its size. The splitters are made of galvanized sheet between 0,7 mm and 1 mm according to the silencer size. After that, ready flange and flange corner pieces are mounted.



The insulation material of the splitters is glass wool with 100 mm thick at 50 kg / m³ density and one side coated with glass cloth. The used glass wool is non-flammable according to DIN 4102 standard A2 class and is resistant against decay and moisture.

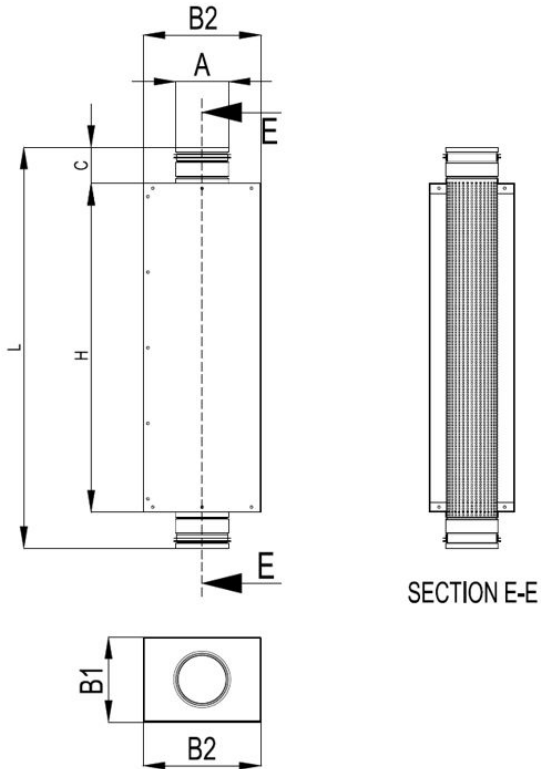
It is designed to use after the SDS rectangular VAV unit and is suitable for rectangular duct mounting.

Attenuation Values

Oktav Bands (Hz)	63	125	250	500	1000	2000	4000	8000
Attenuation Values (dB)	2	4	8	17	33	32	18	14

Values are given for 1000mm length. Valid for all sizes.

Silencers



The outer surface of the LR-S round inlet rectangular silencer is made of galvanized sheet metal, the inner surface is made of perforated galvanized sheet, gaskets made of EPDM material, the insulation material used between the two surfaces is rock wool with 50 mm thickness at 50 kg / m³ density and non-flammable according to DIN 4102 standard A2 class. Tightness class D (EN 1751).

They are used to reduce airborne noise in air ducts. They are designed to use after the SDR round VAV units and are suitable for round air duct mounting.

They can be manufactured in all RAL codes if required. L= 300mm – 950mm

Code	Insulation Thickness (mm)	Density (Kg/m ³)	Diameter (A) (mm)	Active Length (H) (mm)	Total Length (L) (mm)	Neck Length (C) (mm)	Width (mm) (B1)x(B2)
LR-S	25 / 50	25 / 50	100	500	610	55	150x200
LR-S	25 / 50	25 / 50	125	500	610	55	175x225
LR-S	25 / 50	25 / 50	160	500	610	55	210x260
LR-S	25 / 50	25 / 50	200	500	610	55	250x300
LR-S	25 / 50	25 / 50	250	500	610	55	300x350
LR-S	25 / 50	25 / 50	315	500	610	55	375x415
LR-S	25 / 50	25 / 50	400	500	610	55	450x500
LR-S	25 / 50	25 / 50	100	1000	1110	55	150x200
LR-S	25 / 50	25 / 50	125	1000	1110	55	175x225
LR-S	25 / 50	25 / 50	160	1000	1110	55	210x260
LR-S	25 / 50	25 / 50	200	1000	1110	55	250x300
LR-S	25 / 50	25 / 50	250	1000	1110	55	300x350
LR-S	25 / 50	25 / 50	315	1000	1110	55	375x415
LR-S	25 / 50	25 / 50	400	1000	1110	55	450x500