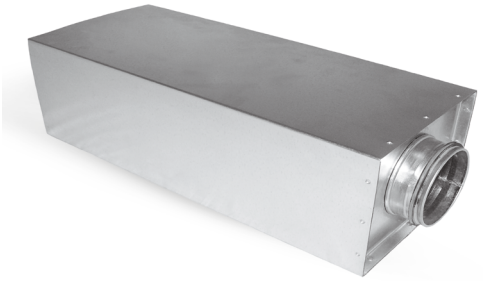
Silencers

SQLL-50



Description

The SQLL silencers are made of a square duct for the outer cladding with an inner cladding of perforated sheet. The clearance between the outer and inner cladding is filled with 50 mm thick sound-proofing mineral wool.
The silencers of 400 mm in size and larger are made with a 50 mm thick sound-proofing baffle.

Insulation:
Insulation material: glass wool.
Insulation type: trimmed from reel, flexible.

Available materials - Product code examples

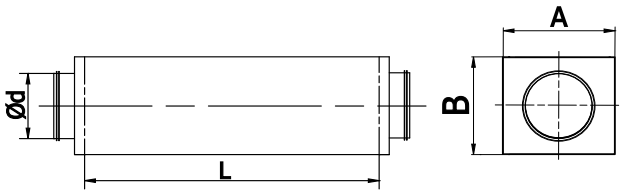
SQLL-50-...-...	- galvanized steel sheet
SQLL-50-K-...-...	- 1.4301/304 stainless steel sheet
SQLL-50-K-...-...-316L	- 1.4404/316L stainless steel sheet
SQLL-50-...-...	- aluminium sheet
SQLL-50-CU-...-...	- copper sheet

Product code examples

Product code: **SQLL - 50 - aaa - bbb**

type
Insulation
Ød
L

Dimensions



Ød$_1$ [mm]	A [mm]	B [mm]	L [mm]	Weight [kg]
100	210	160	300	1.95
100	210	160	500	2.55
100	210	160	600	2.95
100	210	160	900	4.15
100	210	160	1000	4.55
125	240	180	300	2.10
125	240	180	500	2.95
125	240	180	600	3.55
125	240	180	900	4.45
125	240	180	1000	5.15
160	270	220	300	2.42
160	270	220	500	3.70
160	270	220	600	4.20
160	270	220	900	5.80
160	270	220	1000	6.40
200	330	250	300	3.50
200	330	250	500	4.60
200	330	250	600	5.80
200	330	250	900	7.90
200	330	250	1000	8.90
250	380	310	300	3.80
250	380	310	500	5.40
250	380	310	600	6.30
250	380	310	900	8.80
250	380	310	1000	9.40
315	450	370	300	4.90
315	450	370	500	6.90
315	450	370	600	8.00
315	450	370	900	10.90
315	450	370	1000	13.50

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Silencers
SQLL-50

Dimensions

Ød$_1$ [mm]	A [mm]	B [mm]	L [mm]	Weight [kg]
400	530	460	300	6.50
400	530	460	500	8.50
400	530	460	600	12.00
400	530	460	900	14.50
400	530	460	1000	15.00
450	580	510	300	9.50
450	580	510	500	11.00
450	580	510	600	15.50
450	580	510	900	18.00
450	580	510	1000	20.00
500	630	560	300	8.50
500	630	560	500	12.00
500	630	560	600	16.00
500	630	560	900	20.00
500	630	560	1000	23.00
630	760	690	300	16.00
630	760	690	500	17.50
630	760	690	600	19.50
630	760	690	900	26.00
630	760	690	1000	29.00

Technical data

Product code	Insertion loss [dB] for frequency [Hz]							
	63	125	250	500	1k	2k	4k	8k
SQLL-50-100-600	0	13	10	16	25	32	25	16
SQLL-50-125-600	0	6	8	15	22	27	15	4
SQLL-50-160-600	10	6	8	13	21	21	11	9
SQLL-50-200-600	9	6	5	13	24	16	5	0
SQLL-50-250-600	7	4	5	10	22	14	5	2
SQLL-50-315-600	3	4	4	9	17	9	8	7
SQLL-50-400-600	5	3	5	12	8	3	2	2
SQLL-50-500-600	2	2	4	9	6	4	1	0
SQLL-50-100-1000	4	13	14	22	38	45	35	23
SQLL-50-125-1000	7	11	12	23	40	45	33	14
SQLL-50-160-1000	11	9	11	22	42	45	22	7
SQLL-50-200-1000	15	6	9	19	33	27	13	8
SQLL-50-250-1000	13	6	8	17	34	21	10	9
SQLL-50-315-1000	7	5	7	17	27	15	11	7
SQLL-50-400-1000	3	2	6	15	17	8	5	3

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