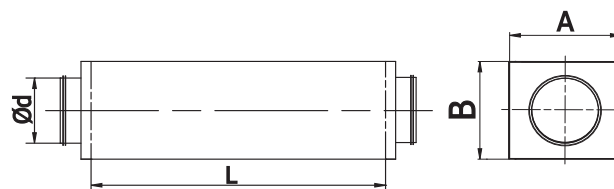


Silencers

SQLL-25



Dimensions



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 25 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-25-...-... — galvanized steel sheet

SQLL-25-K-...-... — 1.4301/304 stainless steel sheet

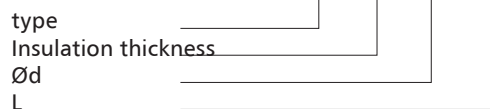
SQLL-25-K-...-...-316L — 1.4404/316L stainless steel sheet

SQLL-25-...-... — aluminium sheet

SQLL-25-CU-...-... — copper sheet

Product code examples

Product code: **SQLL - 25 - aaa - bbb**



Ød, (mm)	A (mm)	B (mm)	L (mm)	Sound insulation (dB) at frequency (Hz)								Weight (kg)
				125	250	500	1000	2000	4000	8000		
100	150	150	600	4	4	12	20	25	21	13	3.2	
100	150	150	900	7	6	18	31	37	32	19	4.6	
100	150	150	1200	9	8	24	41	49	43	25	5.9	
125	175	175	600	4	4	12	20	24	20	12	3.6	
125	175	175	900	6	6	18	30	35	31	18	5.1	
125	175	175	1200	8	8	24	40	47	41	24	6.6	
160	210	210	600	4	4	11	19	21	19	11	4.6	
160	210	210	900	6	6	17	28	32	28	17	6.4	
160	210	210	1200	8	7	23	38	43	37	22	8.2	
200	250	250	600	3	4	11	18	18	16	10	5.9	
200	250	250	900	5	5	16	26	28	24	15	8.3	
200	250	250	1200	7	7	21	35	37	32	19	10.7	
250	300	300	600	2	3	10	16	15	12	8	7.3	
250	300	300	900	4	5	14	23	23	18	11	10.0	
250	300	300	1200	5	6	19	31	31	24	15	12.7	
315	365	365	600	1	3	8	12	12	8	4	9.2	
315	365	365	900	2	5	12	18	18	12	6	10.8	
315	365	365	1200	2	6	16	24	24	16	8	12.4	
400	450	450	600	-	-	-	-	-	-	-	11.4	
400	450	450	900	10	15	25	35	31	24	22	15.5	
400	450	450	1200	12	17	29	43	39	27	25	19.5	
450	500	500	600	-	-	-	-	-	-	-	13.5	
450	500	500	900	10	13	23	33	30	23	21	19.5	
450	500	500	1200	11	16	27	41	37	35	24	22.5	
500	550	550	600	-	-	-	-	-	-	-	14.0	
500	550	550	900	9	13	23	32	28	22	20	19.8	
500	550	550	1200	10	16	27	40	35	25	23	24.7	
630	680	680	600	-	-	-	-	-	-	-	30.5	
630	680	680	900	7	10	19	28	22	19	16	37.5	
630	680	680	1200	9	13	23	36	30	21	19	46.5	

Silencers

SQLL-25

Pressure drop

Description	Pressure loss (Pa) at air flow velocity (m/s)				
	2	4	8	10	12
SQLL-25-100-600	0.10	0.38	1.54	2.40	3.46
SQLL-25-100-900	0.12	0.48	1.92	3.00	4.32
SQLL-25-100-1200	0.17	0.67	2.69	4.20	6.05
SQLL-25-125-600	0.08	0.32	1.28	2.00	2.88
SQLL-25-125-900	0.12	0.48	1.92	3.00	4.32
SQLL-25-125-1200	0.17	0.67	2.69	4.20	6.05
SQLL-25-160-600	0.07	0.28	1.12	1.75	2.51
SQLL-25-160-900	0.10	0.38	1.54	2.40	3.46
SQLL-25-160-1200	0.14	0.58	2.30	3.60	5.18
SQLL-25-200-600	0.05	0.22	0.88	1.37	1.98
SQLL-25-200-900	0.07	0.29	1.15	1.80	2.59
SQLL-25-200-1200	0.12	0.48	1.92	3.00	4.32
SQLL-25-250-600	0.03	0.13	0.51	0.80	1.15
SQLL-25-250-900	0.05	0.19	0.77	1.20	1.73
SQLL-25-250-1200	0.07	0.29	1.15	1.80	2.59
SQLL-25-315-600	0.02	0.10	0.38	0.60	0.86
SQLL-25-315-900	0.04	0.14	0.58	0.90	1.30
SQLL-25-315-1200	0.05	0.19	0.77	1.20	1.73
SQLL-25-400-900	0.86	3.46	13.82	21.60	31.10
SQLL-25-450-900	0.22	0.89	3.57	5.58	8.04
SQLL-25-500-900	1.13	4.51	18.05	28.20	40.61
SQLL-25-630-900	0.60	2.40	9.60	15.00	21.60
SQLL-25-400-1200	0.24	0.94	3.76	5.88	8.47
SQLL-25-450-1200	0.23	0.91	3.65	5.70	8.21
SQLL-25-500-1200	0.22	0.89	3.57	5.58	8.04
SQLL-25-630-1200	0.20	0.82	3.26	5.10	7.34