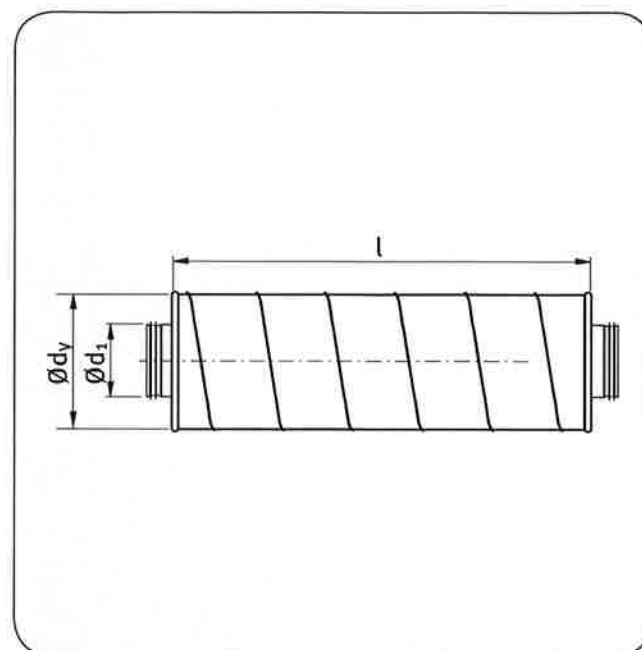




CIRCULAR SILENCER

SLL



USE

Circular silencers are designed to suppress the noise in ventilation and air conditioning duct systems

DESIGN

The external cover is made of circular duct. The attenuating layer is made of mineral wool and is separated from the duct system by fibre cloth and perforated galvanized steel sheet. Available with 50 mm and 100 mm insulation thicknesses.

Insulation thickness - 50 mm

Ød _i nom	length nom	attenuation in dB for centre frequency								Ød _y mm	l mm	weight kg
		63	125	250	500	1k	2k	4k	8k			
80	300	1	5	8	15	25	25	21	15	180	300	2,00
80	600	2	8	14	28	49	50	47	24	180	600	3,00
80	900	3	10	21	40	50	50	50	34	180	900	5,00
80	1200	4	13	27	50	50	50	50	43	180	1200	7,00
100	300	1	5	7	15	25	25	21	13	200	360	2,00
100	600	1	7	12	25	43	48	35	20	200	660	3,00
100	900	2	10	17	34	50	50	49	28	200	960	5,00
100	1200	3	12	22	44	50	50	50	35	200	1260	7,00
125	300	0	4	5	13	23	20	16	11	224	365	3,00
125	600	1	5	10	22	39	37	26	16	224	665	4,00
125	900	1	7	14	30	50	50	37	21	224	965	7,00
125	1200	2	9	18	39	50	50	47	26	224	1265	9,00



Silencers

Ød ₁ nom	length nom	attenuation in dB for centre frequency								Ød _y mm	l mm	weight kg
		63	125	250	500	1k	2k	4k	8k			
160	300	0	3	5	11	22	16	11	7	260	375	3,00
160	600	1	4	8	19	37	28	17	11	260	675	6,00
160	900	1	5	12	27	50	39	24	14	260	975	8,00
160	1200	2	6	15	35	50	50	30	17	260	1275	10,00
200	300	0	2	4	9	19	11	7	5	315	300	4,00
200	600	1	3	8	15	28	19	12	8	315	600	7,00
200	900	2	4	11	21	37	28	16	10	315	900	10,00
200	1200	2	5	14	27	46	36	21	13	315	1200	12,00
250	600	1	2	6	14	26	14	8	7	355	600	9,00
250	900	1	3	9	19	38	19	11	9	355	900	12,00
250	1200	2	4	11	24	50	24	13	11	355	1200	15,00
315	600	2	5	9	14	12	6	4	5	500	600	12,00
315	900	3	6	13	20	19	10	6	7	500	900	18,00
315	1200	4	8	16	27	25	15	9	10	500	1200	24,00
400*	600	4	5	8	10	7	4	4	6	600	600	16,00
400*	900	4	5	10	17	13	6	6	8	600	900	22,00
400*	1200	5	6	13	24	18	8	7	10	600	1200	32,00
500*	900	4	4	10	14	8	4	6	6	710	900	26,00
500*	1200	3	5	11	21	12	6	7	9	710	1200	39,00
630*	900	2	3	7	12	5	4	4	5	800	900	44,00
630*	1200	2	4	8	17	7	4	5	7	800	1200	56,00
800*	1200	2	3	8	11	5	4	5	6	1000	1200	69,00
800*	1500	2	3	10	16	6	5	6	7	1000	1500	86,00

* Supplied with two loose couplings

Insulation thickness - 100 mm

Ød ₁ nom	length nom	attenuation in dB for centre frequency								Ød _y mm	l mm	weight kg
		63	125	250	500	1k	2k	4k	8k			
315	600	2	5	9	14	12	6	4	5	510	600	12,00
315	900	3	6	13	20	19	10	6	7	510	900	18,00
315	1200	4	8	16	27	25	15	9	10	510	1200	24,00
400*	600	4	5	8	10	7	4	4	6	625	600	16,00
400*	900	4	5	10	17	13	6	6	8	625	900	22,00
400*	1200	6	6	13	24	18	8	7	10	625	1200	32,00
500*	900	4	4	10	14	8	4	6	6	735	900	26,00
500*	1200	3	5	11	21	12	6	7	9	735	1200	39,00
630*	900	2	3	7	12	5	4	4	5	880	900	44,00
630*	1200	2	4	8	17	7	4	5	7	880	1200	56,00
800*	1200	2	3	8	11	5	4	5	6	1030	1200	69,00
800*	1500	2	3	10	16	6	5	6	7	1030	1500	86,00

* Supplied with two loose couplings