

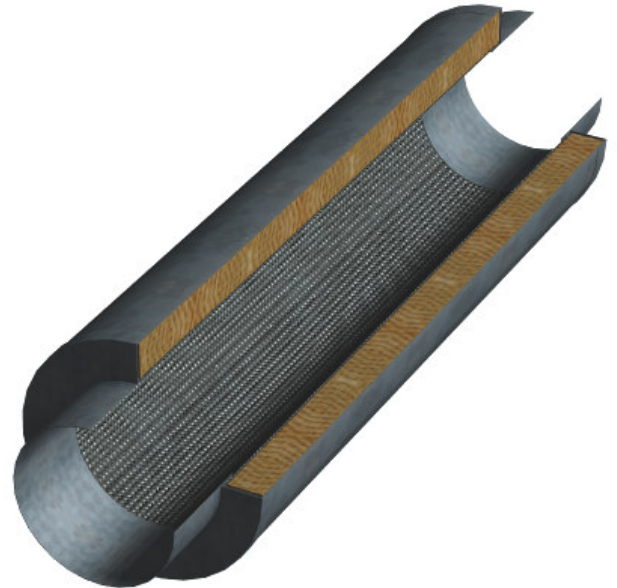
Compact Cylindrical Attenuators

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These units are specially designed for use with small systems. They are compact in size, built with a heavy case to reduce radiated noise and are competitively priced.

Typical applications range from crosstalk attenuators to inlet and outlet attenuators for the modern ranges of small fans. This product is ideally suited to systems such as those used in apartments.

There are standard sizes available to suit the small fans on the market. Internal diameters of 100mm, 125mm, 150mm, 200mm, 250mm and 315mm are available in this range.



TECHNICAL DATA

Model	ID (mm)	OD (mm)	L Case (mm)	Static Insertion Loss (dB)							Weight (kg)
				125	250	500	1k	2k	4k	8k	
SC-100/45	100	200	450	7	13	19	34	45	32	30	3.5
SC-125/45	125	225	450	6	11	17	30	38	28	25	4.1
SC-150/45	150	250	450	5	9	14	26	30	23	20	4.6
SC-200/90	200	300	900	5	9	24	43	40	20	18	9.8
SC-250/90	250	350	900	3	8	21	37	25	14	13	11.5
SC-315/90	315	455	900	6	10	18	28	18	12	11	16.3



Construction of these attenuators is from galvanised steel with 100mm spigots at both ends. The casing is a thick steel tube to limit the breakout noise from the attenuator walls. This provides a better overall acoustic solution than other lightweight constructions.

Pressure loss through these attenuators is negligible as there is no restriction of the airway. Airflow velocity should however be limited to 12m/s or less through the silencer.

Contact Noise Control Services for pricing, alternative configurations and special orders.