



Rectangular silencers designed to offer a practical solution to reduce the noise that occurs in rectangular duct ventilation systems to acceptable levels. The SP type high quality silencer is suitable for most applications with its sealed construction and many optional features.

Standard Features

- Casing made of galvanised sheet steel
- Splitters made of perforated sheet steel
- Standard galvanized flange profile and corner sections
- Insulation material conforming to EN 13501-1, fire class A1, non-flammable
- Robust construction with additional reinforcement in large sections
- Operating temperature Max. 100 °C
- Multi-section construction for large sizes
- High sound absorption and low pressure loss due to aerodynamic structure

Optional Features and Accessories

- Stainless steel or aluminum construction
- Special connection flanges and adapters
- Different insulation materials (rubber, polyurethane, mineral)
- Special paint



Order code:	SP - G / 100 - 100 - 5 / 300 x 600 x 1000	
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1 ⇨	Type (SP)	
2 ⇨	Case Material G:Galvanized S:Structural P:Stainless A:Aluminium	
3 ⇨	Splitter Thickness (S) (mm)	
4 ⇨	Distance Between Splitters (mm)	
5 ⇨	Number of Splitters (adet)	
6 ⇨	Width (W) (mm)	
7 ⇨	Height (H) (mm)	
8 ⇨	Length (L) (mm)	

Splitter Thickness S = 100 mm											
FLOW (m³/h)	H (mm)	W (mm)	L (mm)			FLOW (m³/h)	H (mm)	W (mm)	L (mm)		
			500	1000	1500				1000	1500	2000
ABSORPTION* dB(A) @250Hz											
1000	200	200	4	8	13	15000	700	700	10	16	22
		300	6	14	21			1050	14	21	22
		400	4	8	13			1400	15	24	32
2000	300	300	6	14	21	20000	800	800	8	13	18
		450	6	14	21			1200	14	21	23
		600	6	14	21			1600	14	22	30
4800	400	400	4	8	13	24000	900	900	10	16	21
		600	4	8	13			1350	14	21	29
		800	5	12	19			1800	14	21	29
7200	500	500	5	11	18	32000	1000	1000	8	13	18
		750	6	14	21			1500	11	18	20
		1000	7	15	23			2000	13	20	28
10000	600	600	4	8	13	45000	1200	1200	8	17	23
		900	6	14	21			1800	12	18	21
		1200	6	14	21			2400	14	21	26

*The sound absorption values given may vary depending on the counter pressure that occurs after the silencer is connected to the system.