



Circular silencers designed to offer a practical solution to reduce the noise that occurs in circular duct ventilation systems to acceptable levels. The SD 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
- Inner duct made of perforated sheet steel
- Standard connecting flange made of durable sheet steel.
- 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
- Podded construction for larger dimensions and greater sound absorption
- 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:	SD - G / 315 - 1000 - 100 / 300	
1	1 2 3 4 5 6	
1	⇒ Type (SD)	
2	⇒ Case Material G:Galvanized S:Structural P:stainless A:Aluminium	
3	⇒ Nominal Diameter (D) (mm)	
4	⇒ Length (L) (mm)	
5	⇒ Insulation Thickness (S) (mm)	
6	⇒ Pod Diameter (mm) (If preferred)	

OPEN					
FLOW (m³/h)	ØD (mm)	S (mm)	L (mm)		
			500	1000	1500
ABSORPTION* dB(A) @250Hz					
250	80	50	13	22	32
500	100		11	19	28
750	125		9	16	23
1250	160		7	13	18
2000	200		7	13	18
3000	250		4	7	10
5000	315		4	7	10
8000	400		4	6	10

PODDED					
FLOW (m³/h)	ØD (mm)	S (mm)	L (mm)		
			500	1000	1500
ABSORPTION* dB(A) @250Hz					
3000	315	100	9	14	20
5000	400		8	13	18
6000	450		7	12	17
8000	500		7	12	16
10000	560		7	11	15
12000	630		6	10	15
15000	710		6	10	14
20000	800		6	9	13

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