

Rectangular straight silencer

Pressure drop

Present pressure drop = Read pressure drop × below factor

D = The largest connection side (a or b) of the silencer.

The table contains of a selection of the most common disturbance cases.

Before the silencer				Silencer	After the silencer				Factor
Distance before the silencer					Distance after the silencer				
3xD	2xD	1xD	0xD		0xD	1xD	2xD	3xD	
Duct				Silencer	Duct				1,0
Bend				Silencer	Duct				1,1
	Bend			Silencer	Duct				1,2
		Bend		Silencer	Duct				1,4
			Bend	Silencer	Duct				1,5
Duct				Silencer		Bend			1,2
Duct				Silencer	Bend				1,3
Bend				Silencer		Bend		1,3	
Bend				Silencer	Bend			1,4	
	Bend			Silencer		Bend		1,5	
	Bend			Silencer	Bend			1,6	
		Bend		Silencer		Bend		1,7	
		Bend		Silencer	Bend			1,8	
			Bend	Silencer		Bend		1,9	
			Bend	Silencer	Bend			2,0	
Chamber				Silencer	Duct branch				2,0
Duct				Silencer	Chamber				3,0
Chamber				Silencer	Chamber				3,5

Logarithmic addition

