



### Product

SIR

### Construction

Galvanised steel sheet frame, 1.0 mm thick

### Versions

Execution with partitions covered by expanded mesh or Ø 5 perforated sheet

Version with melinex-coated partitions and micro-expanded mesh, suitable for special installations such as pharmaceutical industries, research laboratories, microelectronics industry, etc.

### SPECIFICATION

Silencers used for noise reduction in air conditioning or ventilation systems.  
Partition thickness 100, 200, 300 mm with aerodynamic profile option

### SOUND-ABSORBING MATERIAL

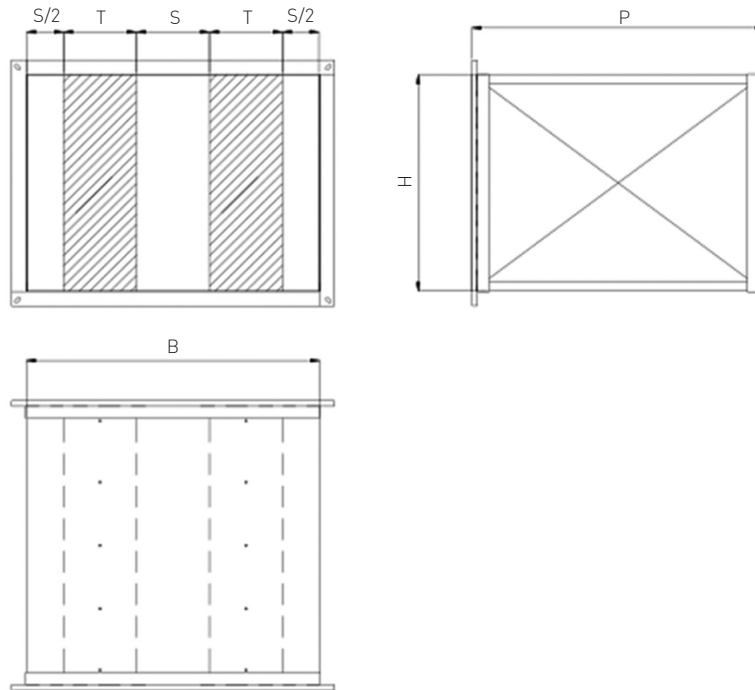
Rock wool density 60 kg/m<sup>3</sup> covered against flaking with black glass veil, fire resistance class M0 and non-combustible in class A, B and C according to Directive 96/98/EC Marine Equipment (Ri)

### OPTIONS

Sound-absorbing material can be covered with glass fibre fabric.  
Stainless steel execution on request

## DIMENSIONAL

Base mm	T mm	Partitions n.	S mm	Air passages n.	S/2 mm	Air passages S/2 n.
300	200	1	/	/	50	2
600	200	2	100	1	50	2
900	200	3	100	2	50	2
1200	200	4	100	3	50	2
1500	200	5	100	4	50	2
1800	200	6	100	5	50	2
2100	200	7	100	6	50	2
2400	200	8	100	7	50	2
2700	200	9	100	8	50	2
3000	200	10	100	9	50	2
350	200	1	/	/	75	2
700	200	2	150	1	75	2
1050	200	3	150	2	75	2
1400	200	4	150	3	75	2
1750	200	5	150	4	75	2
2100	200	6	150	5	75	2
2450	200	7	150	6	75	2
2800	200	8	150	7	75	2
400	200	1	/	/	100	2
800	200	2	200	1	100	2
1200	200	3	200	2	100	2
1600	200	4	200	3	100	2
2000	200	5	200	4	100	2
2400	200	6	200	5	100	2
2800	200	7	200	6	100	2



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## ATTENUATION TABLE

Partition thickness mm	Partition distance mm	Length mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
200	100	500	7	13	16	21	21	13	10
		1000	11	20	28	36	35	21	16
		1500	15	30	41	50	50	31	23
		2000	18	37	50	50	50	39	29
200	150	500	6	9	12	16	13	9	7
		1000	13	15	19	27	26	15	10
		1500	16	21	28	40	36	21	14
		2000	23	27	35	50	49	27	17
200	200	500	5	8	10	13	9	7	5
		1000	10	11	16	22	18	11	8
		1500	12	16	23	32	24	15	11
		2000	17	19	29	41	33	19	13

Partition surface fully covered with black glass veil