

# SIC/SIV

## Circular silencer in galvanized steel



### Product

SIC/SIV

### Construction

Galvanised steel sheet frame, 0.8 mm thick up to Ø 1250 and 1.0 mm above  
Mounting flange with threaded inserts

### Versions

SIC: version without cone

SIV: version with internal ogive to increase silencer attenuation

### SPECIFICATION

Circular galvanised steel silencer with or without ogive.

Stainless steel execution available on request.

Bayonet connection version on request

### SOUND-ABSORBING MATERIAL

Rock wool density 70 Kg/m<sup>3</sup>, coated against flaking with black glass veil, fire resistance class MO and micro-expanded mesh

### ATTENUATION TESTS

Attenuation tests carried out according to ISO 7235 at CETIAT Lyon, test report No. 95 80180

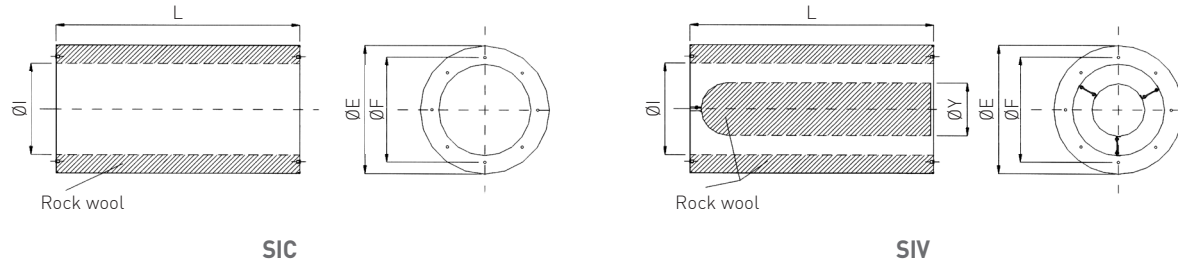
## DIMENSIONAL

DN mm	Ø I mm	Ø E mm	Ø F mm	Holes n.	Ø Holes mm	Ø Insert mm	Ø Y mm	Ø I x 1 mm	Ø I x 1,5 mm	Ø I x 2 mm
250	250	390	280	4	11	M8	120	250	375	500
300	300	440	340	8	11	M8	140	300	450	600
315	315	455	355	8	11	M8	140	315	472,5	630
350	350	490	390	8	11	M8	200	350	525	700
355	355	495	395	8	11	M8	200	355	532,5	710
400	400	540	450	8	12	M10	200	400	600	800
450	450	610	500	8	12	M10	245	450	675	900
500	500	660	560	12	12	M10	245	500	750	1000
560	560	720	620	12	12	M10	295	560	840	1120
600	600	760	660	12	12	M10	295	600	900	1200
630	630	790	690	12	12	M10	295	630	945	1260
650	650	810	710	12	12	M10	295	650	975	1300
700	700	860	760	16	12	M10	380	700	1050	1400
710	710	870	770	16	12	M10	380	710	1065	1420
750	750	950	810	16	12	M10	380	750	1125	1500
800	800	1000	860	16	12	M10	380	800	1200	1600
850	850	1050	920	16	15	M12	380	850	1275	1700
900	900	1100	970	16	15	M12	380	900	1350	1800
1000	1000	1200	1070	16	15	M12	650	1000	1500	2000
1120	1120	1320	1190	20	15	M12	650	1120	1680	2240
1200	1200	1400	1270	20	15	M12	650	1200	1800	2400
1250	1250	1450	1320	20	15	M12	650	1250	1875	2500
1300	1300	1500	1370	20	15	M12	650	1300	1950	2600
1400	1400	1600	1470	20	15	M12	650	1400	2100	2800
1500	1500	1700	1580	24	15	M12	650	1500	2250	3000
1600	1600	1800	1680	24	15	M12	650	1600	2400	3200
1700	1700	1900	1780	24	15	M12	650	1700	2550	3400
1800	1800	2000	1880	24	15	M12	650	1800	2700	3600
1900	1900	2100	1980	24	15	M12	650	1900	2850	3800
2000	2000	2200	2080	24	15	M12	650	2000	3000	4000



**Diffusion**

Components  
for perfect air  
distribution in HVAC  
systems



## ATTENUATION TABLE

Model	Length mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SIC 250	10	1	4	6	11	13	9	6
	15	0	6	9	23	16	11	10
	20	1	8	14	24	21	13	12
SIC 315	10	1	3	8	14	9	8	7
	15	2	5	12	19	13	11	8
	20	6	6	16	26	17	13	9
SIV 315	10	1	4	9	16	17	13	10
	15	4	5	13	23	26	18	12
	20	6	7	17	32	33	22	17
SIC 355	10	0	3	9	14	10	8	6
	15	0	5	12	21	13	11	9
	20	2	6	15	25	16	12	10
SIV 355	10	0	4	11	22	21	15	12
	15	1	7	15	33	32	22	17
	20	2	8	19	40	39	27	20
SIC 400	10	0	4	10	13	8	8	5
	15	1	5	14	19	12	10	8
	20	2	7	18	24	15	12	9
SIV 400	10	1	4	11	20	18	14	11
	15	2	6	15	31	27	19	14
	20	2	9	20	37	35	23	16
SIC 450	10	1	4	12	12	9	6	6
	15	1	6	17	17	13	9	8
	20	1	7	21	21	15	10	8
SIV 450	10	1	6	14	21	19	13	9
	15	2	7	19	31	28	18	12
	20	3	10	23	39	36	21	15
SIC 500	10	0	4	13	11	9	6	5
	15	1	6	18	17	12	9	7
	20	2	8	23	21	14	11	8
SIV 500	10	2	5	13	20	16	11	8
	15	3	7	19	29	24	14	10
	20	3	10	24	38	32	18	12
SIC 560	10	0	4	14	11	8	5	4
	15	2	7	20	15	11	8	5
	20	1	9	24	19	14	10	7

LENGTH: 10 = 1 x Diameter; 15 = 1.5 x Diameter; 20 = 2 x Diameter

# SIC/SIV

Circular silencer in galvanized steel

Model	Length mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SIV 560	10	1	6	15	21	17	11	8
	15	3	9	22	32	27	15	11
	20	2	12	27	41	35	18	12
SIC 630	10	1	5	14	10	9	5	5
	15	2	7	20	14	12	8	6
	20	2	9	25	17	14	10	7
SIV 630	10	1	6	15	19	16	10	8
	15	2	9	22	29	23	14	10
	20	3	11	27	37	29	15	12
SIC 710	10	1	5	12	9	7	5	5
	15	2	7	18	11	9	6	7
	20	4	9	24	14	11	8	8
SIV 710	10	2	7	15	20	18	12	10
	15	3	11	22	31	25	13	11
	20	5	14	29	41	32	18	15
SIC 800	10	3	7	9	8	6	5	4
	15	5	10	13	12	9	7	7
	20	6	13	22	14	10	9	7
SIV 800	10	3	9	12	17	15	9	8
	15	6	13	18	26	22	12	11
	20	6	16	29	35	26	15	12
SIC 900	10	3	7	13	8	6	5	4
	15	5	11	16	11	7	7	5
	20	6	14	23	13	9	7	6
SIV 900	10	4	8	15	16	11	8	7
	15	5	12	20	24	16	10	9
	20	7	17	30	34	20	12	11
SIC 1000	10	3	8	12	8	4	4	4
	15	5	12	17	10	6	6	5
	20	6	16	23	12	7	7	6
SIV 1000	10	8	14	20	24	21	14	10
	15	10	22	30	37	29	16	12
	20	13	28	39	47	38	19	13
SIC 1120	10	3	8	13	7	5	4	3
	15	5	12	18	8	6	5	4
	20	6	15	23	10	7	6	6
SIV 1120	10	6	13	20	21	14	8	7
	15	10	19	29	33	20	11	10
	20	14	26	36	42	24	13	11
SIC 1250	10	3	9	13	7	4	4	3
	15	6	12	17	8	5	5	4
	20	8	17	22	10	6	6	5
SIV 1250	10	7	12	18	19	10	6	6
	15	10	18	26	29	14	9	7
	20	13	25	35	37	17	11	9

LENGTH: 10 = 1 x Diameter; 15 = 1.5 x Diameter; 20 = 2 x Diameter