

MSKA/MSPA Silencer, openable

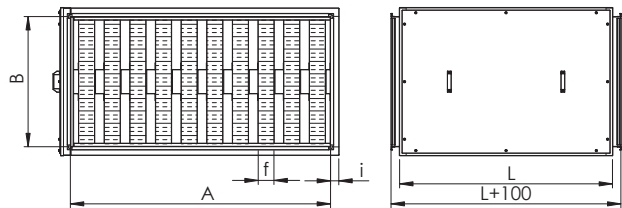
MSKA/MSPA-openable rectangular silencer for rectangular duct systems. Suitable for use in exhaust, intake, discharge and supply air handling systems.

The elements are available in a widths 100, 150 and 200 mm.
 Standard lengths of rectangular silencers are 1250 and 2000 mm.
 Silencer casing tightness class C.



Design and Dimensions

MSKA/MSPA casing and absorption elements are manufactured of galvanized steel (standard) with z-flange at both ends.
 MSKIA/MSPIA insulated outer casing and absorption elements are manufactured of galvanized steel sheet.
 Measures a and b are the internal casing dimensions.
 Z-flanges for duct connection are attached to the internal casing.
 MSKA/MSKIA absorption material: mineral wool board, covered with black glass fibre textile.
 MSPA/MSPIA absorption material: synthetic sound insulation.
 Silencers can also be manufactured of aluminium, stainless steel or acid-proof steel in special order.



MSKA Sound attenuation (absorption material mineral wool)

(Width a=400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400)

Element width	MSKA Elements spacing	Lenght L	Sound attenuation (dB)							
			Mean frequency of octave band (Hz)							
			63	125	250	500	1k	2k	4k	8k
100	100	600	1	2	6	14	29	23	17	10
		900	2	3	7	18	40	29	21	12
		1250	3	5	9	23	49	37	26	15
		1500	3	6	10	29	50	43	31	18
		1800	4	6	11	34	50	46	35	20
		2000	5	8	13	39	50	49	40	23
		2400	6	9	16	43	50	50	44	25
200	100	600	2	5	13	21	27	22	18	13
		900	3	8	20	31	29	26	23	17
		1250	4	11	26	45	47	37	29	19
		1500	5	14	32	47	49	42	35	22
		1800	7	16	38	50	50	47	38	25
		2000	8	18	43	50	50	50	41	28
		2400	9	21	46	50	50	50	44	31

MSPA sound attenuation (absorption material synthetic sound insulation)

(Width a=400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400)

MSPA			Sound attenuation (dB)							
Element width	Elements spacing	Lenght L	Mean frequency of octave band (Hz)							
			63	125	250	500	1k	2k	4k	8k
100	100	600	1	2	6	10	19	19	15	11
		900	2	3	7	11	24	20	16	12
		1250	2	5	9	17	33	31	22	19
		1500	3	6	12	21	42	36	26	21
		1800	5	7	14	25	47	41	31	25
		2000	6	10	16	29	50	45	36	28
		2400	7	11	18	33	50	49	40	32
200	100	600	3	5	12	22	23	16	14	12
		900	4	8	15	26	32	23	19	15
		1250	5	11	18	34	41	31	23	19
		1500	6	13	24	42	45	37	29	21
		1800	7	15	28	45	49	42	33	24
		2000	8	17	32	48	50	47	37	27
		2400	9	20	37	50	50	50	41	30

Product codes

MSKA - i - A x B - L - f x n

Marking

MSKA – absorption material mineral wool
 MSPA – absorption material synthetic sound insulation

Insulation

Width A x Height B

Lenght L

Element width x Quantity

Example: MSKA 500x400 150-2
MSKA-S50 500x400 150-2