

# Rectangular Attenuator Model MAS-B

Model	Length (mm)	Insertion Loss dB							
		63Hz	125Hz	250Hz	500Hz	1k	2k	4k	8k
MAS-B-6	600	5	7	11	15	24	20	15	12
MAS-B-9	900	6	8	14	22	31	25	19	13
MAS-B-12	1200	7	11	17	27	35	33	21	16
MAS-B-15	1500	8	12	20	35	41	41	25	18
MAS-B-18	1800	9	14	24	39	49	47	29	20
MAS-B-21	2100	10	16	28	46	50	50	34	22
MAS-B-24	2400	11	19	31	50	50	50	39	24

Model	Pressure Drop (Pa)								
MAS-B-6	14	27	45	63	77	90	108	126	
MAS-B-9	14	29	48	67	81	95	114	133	
MAS-B-12	15	30	50	70	85	100	120	140	
MAS-B-15	16	32	53	74	89	105	126	147	
MAS-B-18	17	35	58	81	98	116	139	162	
MAS-B-21	18	36	60	85	103	121	145	169	
MAS-B-24	19	38	63	88	107	126	151	176	

Width (mm)	Height (mm)	Air Flow Rate (m <sup>3</sup> /s)							
350	300	0.32	0.45	0.58	0.68	0.75	0.81	0.89	0.96
350	450	0.47	0.67	0.86	1.02	1.13	1.22	1.34	1.45
350	600	0.63	0.89	1.15	1.36	1.50	1.63	1.78	1.93
350	750	0.79	1.12	1.44	1.70	1.88	2.04	2.23	2.41
350	900	0.95	1.34	1.73	2.04	2.25	2.44	2.68	2.89
350	1050	1.10	1.56	2.02	2.39	2.63	2.85	3.12	3.37

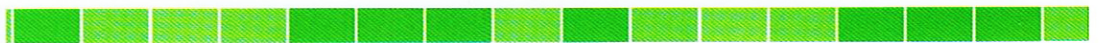
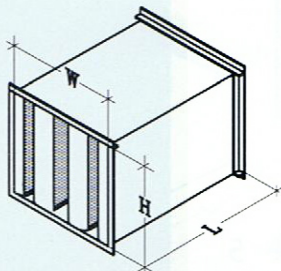
700	450	0.95	1.34	1.73	2.04	2.25	2.44	2.68	2.89
700	600	1.26	1.78	2.30	2.73	3.00	3.26	3.57	3.86
700	750	1.58	2.23	2.88	3.41	3.76	4.07	4.46	4.82
700	900	1.89	2.68	3.46	4.09	4.51	4.89	5.35	5.78
700	1050	2.21	3.12	4.03	4.77	5.26	5.70	6.25	6.75
700	1200	2.52	3.57	4.61	5.45	6.01	6.52	7.14	7.71
700	1350	2.84	4.02	5.18	6.13	6.76	7.33	8.03	8.67

1050	450	1.42	2.01	2.59	3.07	3.38	3.67	4.02	4.34
1050	600	1.89	2.68	3.46	4.09	4.51	4.89	5.35	5.78
1050	750	2.37	3.35	4.32	5.11	5.63	6.11	6.69	7.23
1050	900	2.84	4.02	5.18	6.13	6.76	7.33	8.03	8.67
1050	1050	3.31	4.68	6.05	7.16	7.89	8.55	9.37	10.12
1050	1200	3.79	5.35	6.91	8.18	9.01	9.78	10.71	11.57
1050	1350	4.26	6.02	7.78	9.20	10.14	11.00	12.05	13.01
1050	1500	4.73	6.69	8.64	10.22	11.27	12.22	13.39	14.46

1400	600	2.52	3.57	4.61	5.45	6.01	6.52	7.14	7.71
1400	750	3.15	4.46	5.76	6.82	7.51	8.15	8.92	9.64
1400	900	3.79	5.35	6.91	8.18	9.01	9.78	10.71	11.57
1400	1050	4.42	6.25	8.06	9.54	10.51	11.40	12.49	13.49
1400	1200	5.05	7.14	9.22	10.90	12.02	13.03	14.28	15.42
1400	1350	5.68	8.03	10.37	12.27	13.52	14.66	16.06	17.35
1400	1500	6.31	8.92	11.52	13.63	15.02	16.29	17.85	19.28
1400	1650	6.94	9.82	12.67	14.99	16.52	17.92	19.63	21.20

1750	750	3.94	5.58	7.20	8.52	9.39	10.18	11.15	12.05
1750	900	4.73	6.69	8.64	10.22	11.27	12.22	13.39	14.46
1750	1050	5.52	7.81	10.08	11.93	13.14	14.26	15.62	16.87
1750	1200	6.31	8.92	11.52	13.63	15.02	16.29	17.85	19.28
1750	1350	7.10	10.04	12.96	15.33	16.90	18.33	20.08	21.69
1750	1500	7.89	11.15	14.40	17.04	18.78	20.36	22.31	24.10
1750	1650	8.68	12.27	15.84	18.74	20.65	22.40	24.54	26.51
1750	1800	9.46	13.39	17.28	20.45	22.53	24.44	26.77	28.91

2100	750	4.73	6.69	8.64	10.22	11.27	12.22	13.39	14.46
2100	900	5.68	8.03	10.37	12.27	13.52	14.66	16.06	17.35
2100	1050	6.63	9.37	12.10	14.31	15.77	17.11	18.74	20.24
2100	1200	7.57	10.71	13.82	16.36	18.02	19.55	21.42	23.13
2100	1350	8.52	12.05	15.55	18.40	20.28	21.99	24.09	26.02
2100	1500	9.46	13.39	17.28	20.45	22.53	24.44	26.77	28.91
2100	1650	10.41	14.72	19.01	22.49	24.78	26.88	29.45	31.81
2100	1800	11.36	16.06	20.74	24.54	27.04	29.33	32.12	34.70



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Width (mm)	Height (mm)	Weight (Kg) (approx.)						
		MAS-B-6	MAS-B-9	MAS-B-12	MAS-B-15	MAS-B-18	MAS-B-21	MAS-B-24
		Length (mm)						
		600	900	1200	1500	1800	2100	2400
350	300	16	19	24	28	33	38	42
350	450	21	24	30	35	41	47	52
350	600	25	29	36	42	49	56	63
350	750	30	34	42	49	57	65	73
350	900	34	39	48	56	65	74	83
350	1050	39	44	53	63	73	84	94
700	450	35	40	50	59	69	79	89
700	600	41	47	58	69	81	92	104
700	750	48	54	66	79	92	106	119
700	900	55	61	75	89	104	119	134
700	1050	62	67	83	99	116	132	149
700	1200	72	80	99	119	139	159	179
700	1350	79	87	108	130	151	173	195
1050	450	51	60	75	91	107	123	139
1050	600	61	70	87	105	123	141	160
1050	750	70	79	99	119	139	160	181
1050	900	79	88	110	133	156	179	202
1050	1050	88	98	122	147	172	197	223
1050	1200	97	107	133	161	188	216	244
1050	1350	107	116	145	174	204	235	266
1050	1500	116	126	157	188	221	253	287
1400	600	77	89	111	135	158	183	207
1400	750	89	100	126	152	178	206	234
1400	900	100	112	140	169	199	229	260
1400	1050	112	123	154	186	219	252	286
1400	1200	123	135	168	203	239	275	312
1400	1350	134	146	182	220	259	298	339
1400	1500	146	157	197	237	279	321	365
1400	1650	157	169	211	254	299	344	391
1750	750	108	122	153	186	219	253	288
1750	900	121	136	170	206	243	281	320
1750	1050	135	149	187	226	267	308	351
1750	1200	149	163	204	247	291	336	383
1750	1350	162	176	220	267	315	364	414
1750	1500	176	190	237	287	339	391	446
1750	1650	189	203	254	308	363	419	477
1750	1800	203	217	271	328	387	447	509
2100	750	127	144	181	220	260	302	345
2100	900	143	160	201	244	288	334	382
2100	1050	158	175	220	267	316	367	419
2100	1200	174	191	240	291	344	399	456
2100	1350	190	207	259	315	372	431	493
2100	1500	206	222	279	338	400	464	530
2100	1650	222	238	298	362	428	496	567
2100	1800	237	254	318	386	456	529	604

