

Performance Data • Insertion Loss Octave Band (Hz)

Model: RBB-MP • Rectangular Broad Band - Medium Pressure Insertion Loss

Length	Face Velocity	Static Pressure Drop	Octave Band (Hz)							
			63	125	250	500	1000	2000	4000	8000
36	-1500	0.18	2	6	12	21	29	23	13	7
	-1000	0.09	2	6	11	21	29	23	13	7
	0	0	2	5	10	21	28	23	16	10
	+1000	0.07	2	4	10	20	28	23	16	10
	+2000	0.28	1	4	9	18	27	23	15	10
60	-1500	0.26	3	10	17	35	45	36	20	11
	-1000	0.12	4	9	16	35	46	38	22	11
	0	0	5	9	16	35	47	41	25	14
	+1000	0.10	5	8	15	34	47	41	26	14
	+2000	0.41	4	7	15	33	46	39	26	14
84	-1500	0.30	8	12	24	40	46	40	26	15
	-1000	0.15	8	12	23	42	47	41	27	15
	0	0	6	11	21	43	49	45	29	16
	+1000	0.13	7	10	20	42	49	46	29	16
	+1500	0.28	6	9	19	41	46	44	30	17

Self Generated Noise

Face Velocity (fpm)	Octave Band (Hz)							
	63	125	250	500	1000	2000	4000	8000
-1500	61	55	54	58	60	62	56	48
-1000	54	50	49	52	55	55	47	37
+1000	54	50	42	42	39	36	34	29
+2000	60	59	59	52	52	55	56	52

Face Area Correction Factors

Area	0.5	1	2	4	8	16	32	64	128	256
PWL (dB)	-8	-6	-3	0	+3	+6	+9	+12	+15	+18