

Performance Data • Insertion Loss Octave Band (Hz)

Model: RBB-LP • Rectangular Broad Band - Low Pressure Insertion Loss

Length	Face Velocity	Static Pressure Drop	Octave Band (Hz)							
			63	125	250	500	1000	2000	4000	8000
36	-2000	0.20	1	5	10	18	25	19	13	9
	-1000	0.07	1	5	9	19	25	19	13	10
	0	0	2	4	9	18	25	19	14	10
	+2000	0.19	2	4	8	16	24	19	15	10
	+2500	0.30	1	4	8	16	24	19	15	10
60	-2000	0.30	1	9	15	31	41	30	17	8
	-1000	0.10	2	9	14	31	42	31	17	9
	0	0	2	7	13	30	45	33	19	12
	+2000	0.27	2	6	12	27	42	34	21	12
	+2500	0.42	1	6	12	26	41	33	20	12
84	-2000	0.40	4	13	23	40	44	38	21	11
	-1000	0.12	4	11	20	42	47	40	23	11
	0	0	4	10	19	41	49	42	26	15
	+1000	0.10	3	9	18	40	49	42	27	15
	+2000	0.38	3	9	17	39	47	40	27	16

Self Generated Noise

Face Velocity (fpm)	Octave Band (Hz)							
	63	125	250	500	1000	2000	4000	8000
-2000	66	61	57	61	63	67	59	52
-1000	55	51	48	52	56	49	42	32
+1000	58	49	40	39	34	27	24	22
+2000	62	59	52	50	51	54	53	48

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