

PERFORMANCE DATA

Recommended Air Velocity Ranges

Model	Description	Air Velocity Range (fpm)
RAS	Return Air Silencer	0 - 750
RAS-LP	Return Air Silencer - Low Pressure Drop	0 - 750
RAS-LP-T	Return Air Silencer - Low Pressure Drop - Film Lined	0 - 750

Insertion Loss (dB)

Model	Depth in.	Measured at Octave Band Center Frequencies, Hz							STC
		63	125	250	500	1K	2K	4K	
RAS	4	2	2	3	4	9	14	10	11
RAS-LP	4	2	3	4	8	14	18	16	15
RAS-LP-T	4	2	4	5	6	9	12	11	13

Performance Notes:

1. For noise reduction +6 dB to insertion loss.

Pressure Drop (in. w.g.)

Model	Face Velocity (fpm)	100	200	300	400
RAS	in. w.g.	0.02	0.07	0.16	0.28
RAS - LP	in. w.g.	0.01	0.05	0.12	0.20
RAS - LP - T	in. w.g.	0.01	0.05	0.12	0.20