

## PERFORMANCE DATA

### Recommended Air Velocity Ranges

Model	Description	Air Velocity Range (m/s)
RAS	Return Air Silencer	0 - 3.8
RAS-LP	Return Air Silencer - Low Pressure Drop	0 - 3.8
RAS-LP-T	Return Air Silencer - Low Pressure Drop - Film Lined	0 - 3.8

### Insertion Loss (dB)

Model	Depth mm	Measured at Octave Band Center Frequencies, Hz							STC
		63	125	250	500	1K	2K	4K	
RAS	100	2	2	3	4	9	14	10	11
RAS-LP	100	2	3	4	8	14	18	16	15
RAS-LP-T	100	2	4	5	6	9	12	11	13

**Performance Notes:**

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

### Pressure Drop (Pa)

Model	Face Velocity (m/s)	0.5	1	1.5	2
RAS	Pa	5	18	40	70
RAS - LP	Pa	3	13	30	50
RAS - LP - T	Pa	3	13	30	50