

## PERFORMANCE DATA

### MODEL: RACA RETURN AIR CROSSTALK ATTENUATOR

#### NOISE REDUCTION (dB)

Octave Band/Center Frequency (Hz)							
1	2	3	4	5	6	7	8
63	125	250	500	1000	2000	4000	8000
9	8	10	13	18	19	20	24

#### PRESSURE DROP (in. w.g.)

Face Velocity (fpm)	100	200	300	400	500	600
in w.g.	.01	.04	.08	.15	.23	.33

#### Performance Notes:

1. For optimum performance the RACA should be used in applications with grille face velocities below 500 fpm (2.54 m/s) or 2000 cfm (944 l/s) for a 24" x 24" (600 x 600) return grille.

2. Noise Reduction data derived from modified testing in accordance with ASTM Standard E477-13.

3. Velocity based on grille (W x H) core cross-sectional area.

4. Performance data based on a 24" x 24" (600 x 600) unit.