

RECOMMENDED AIR VELOCITY RANGE

| Model | Description | Air Velocity Range (fpm) |
|-------|-------------------|--------------------------|
| RCP | Return Air Canopy | 0 - 500 |

NOISE REDUCTION (dB)

| Model | Octave Band Center Frequencies (Hz) | | | | | | | |
|-------|-------------------------------------|-----|-----|-----|----|----|----|----|
| | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| RCP | 8 | 9 | 11 | 13 | 20 | 21 | 23 | 24 |

PRESSURE DROP (in w.g.)

| Model | Face Velocity (fpm) | 100 | 200 | 300 | 400 | 500 |
|-------|---------------------|------|------|------|------|------|
| RCP | in w.g. | 0.01 | 0.03 | 0.08 | 0.14 | 0.22 |

Performance Notes:

- Noise Reduction is derived from modified testing in accordance with ASTM E477-13 with the specimen located at the opening to the reverberation chamber.
- Velocity based on cross-sectional grille area (W x H)
- Performance data based on a 24" x 24" unit.