

Recommended Delivery Velocities

The sound caused by an air outlet is directly proportional to the velocity of the air passing through it. Therefore, the velocities of the outlets selected for a certain application should fall in the range of the recommended velometer velo-

cities listed. Outlets of the proper size will not add any appreciable noise to the sound level already existing in the ductwork behind the outlet.

APPLICATION	RECOMMENDED VELOMETER VELOCITIES
Broadcasting studios	500 FPM
Residences	500 to 750 FPM
Apartments	500 to 750 FPM
Churches	500 to 750 FPM
Hotel Bedrooms	500 to 750 FPM
Legitimate Theatres	500 to 1000 FPM

APPLICATION	RECOMMENDED VELOMETER VELOCITIES
Private offices, acoustically treated	500 to 1000 FPM
Motion Picture Theatres	1000 to 1250 FPM
Private offices, not treated	1000 to 1250 FPM
General offices	1250 to 1500 FPM
Stores, all floors	1500 FPM
Industrial Buildings	1500 to 2000 FPM