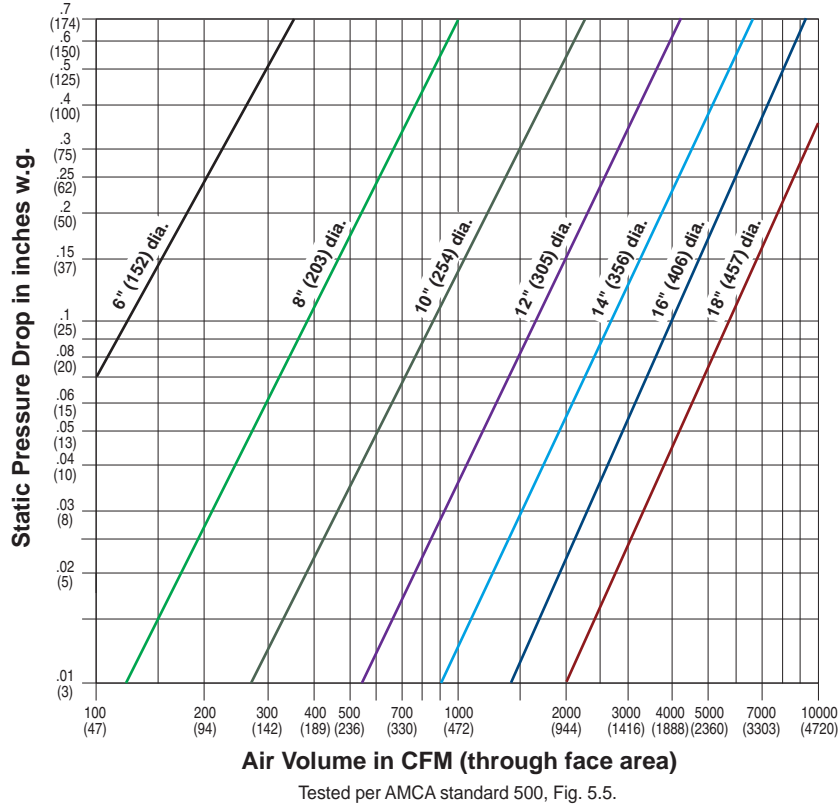


PERFORMANCE DATA:

MODEL: 1090

**B
CONTROL DAMPERS**

PRESSURE DROP (damper fully open):

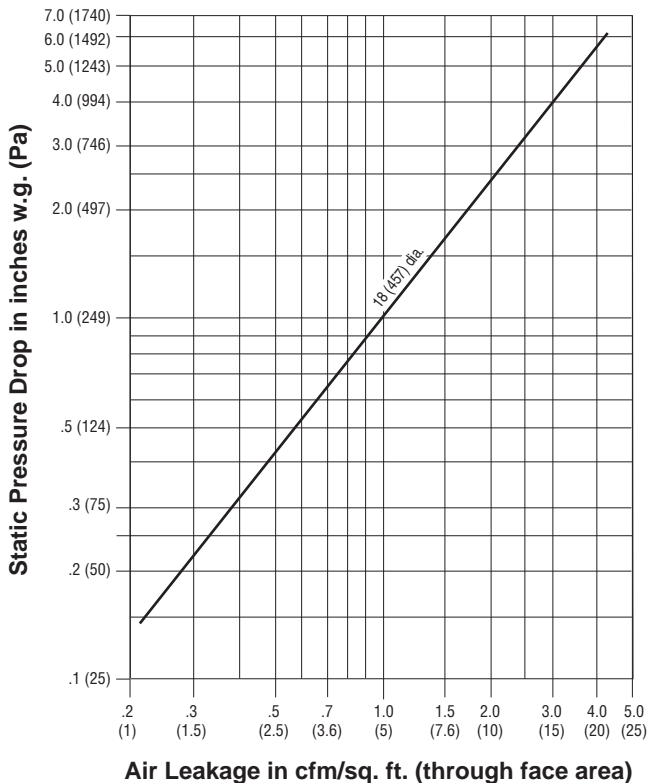


MAXIMUM SYSTEM PRESSURE

Maximum Damper Diameter	Maximum System Pressure
24" (610)	6" w.g. (1.5 kPa)
18" (457)	6" w.g. (1.5 kPa)
12" (305)	8" w.g. (2 kPa)
6" (152)	10" w.g. (2.5 kPa)

Note: Maximum Face Velocity = 4000 fpm (20 m/s).

AIR LEAKAGE (damper fully closed):



LEAKAGE: CLASS I

Less than 4 cfm/sq. ft. @ 1" w.g. (0.02 m³/s/m² @ 250 kPa).
 Less than 8 cfm/sq. ft. @ 4" w.g. (0.04 m³/s/m² @ 1 kPa).