AFSD
Airflow Sensing Device

PERFORMANCE DATA

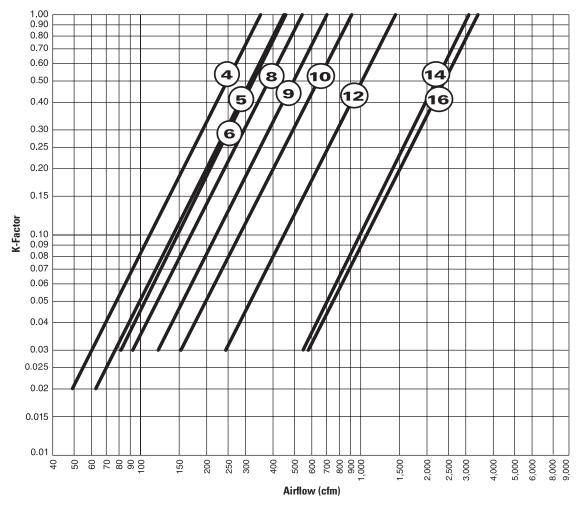K-Factor vs Airflow (cfm) chart with curves labeled 4, 5, 6, 8, 9, 10, 12, 14, 16.

Performance Notes:

1. Locate appropriate K value or slope for AFSD size.
2. Use pressure taps (red line high; green line low) provided for field measurement of pressure differential (VP) with manometer.
3. Loosen wing nut on damper handle and adjust damper to vary VP.
4. When appropriate VP is obtained, tighten wing nut down on handle.

$$V_p = \frac{Q^2}{K^2}$$

where:

Vp = differential pressure at the sensor, in. w.c.
Q = air flow rate at standard conditions, cfm
K = calibration constant