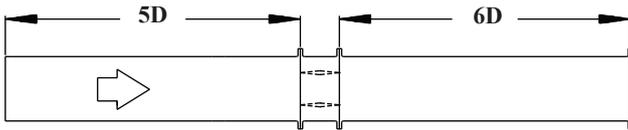


AIR CONTROL DAMPER MODEL KAC PERFORMANCE DATA

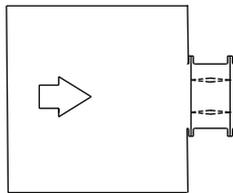
AMCA Test Figures

Figure 5.3 Illustrates a fully ducted damper. This configuration has the lowest pressure drop of the test configurations because entrance and exit losses are minimized by straight duct runs upstream and downstream of the damper.



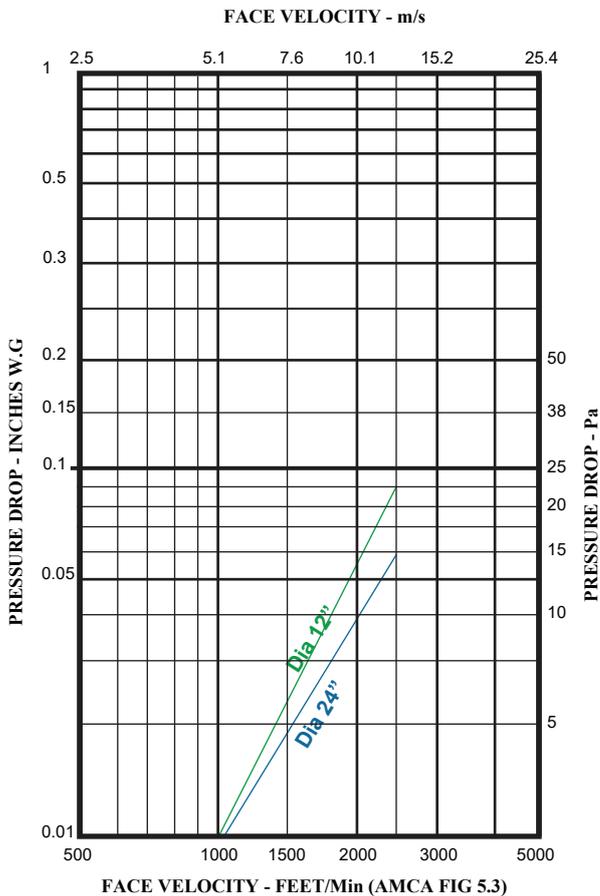
Damper in Fully open position

Figure 5.5 Illustrates a plenum mounted damper. This configuration has the highest pressure drop because of high entrance and exit losses due to the sudden changes of area in the system.



Damper in Fully open position

Tested for Air Performance in accordance with ANSI/AMCA Standard 500-D, Figure 5.3 & 5.5.
All data has been corrected to represent standard air density .075 lb/ft



Diam 12" (Diam 305mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
750	0.009
1000	0.01
1500	0.03
2000	0.05
2500	0.09

Diam 24" (Diam 610mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
500	0.001
1000	0.008
1500	0.02
2000	0.03
2500	0.06

Diam 18" (Diam 457mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
1000	0.17
1500	0.37
2000	0.66
2500	1.01
3000	1.46



KBE International certifies that the model KAC shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Programs. The AMCA Certified Ratings Seal applies to Air Performance ratings.

