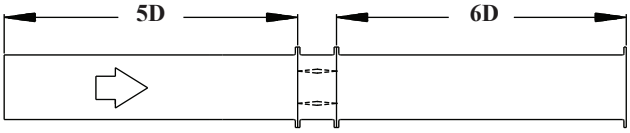
AIR CONTROL DAMPER
MODEL KACLO12 & 22
PERFORMANCE DATA

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

48"x12" (1219x305mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
500	0.02
1000	0.10
1500	0.22
2000	0.42
3000	1.05

12"x48" (305x1219mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
500	0.01
1000	0.05
1500	0.10
2000	0.19
3000	0.42

12"x12" (305x305mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
1000	0.11
1500	0.26
2000	0.46
2500	0.74
3000	1.07

24"x24" (610x610mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
800	0.03
1000	0.05
1500	0.10
2000	0.18
3000	0.41

36"x36" (914x914mm)

Velocity (Fpm)	Pressure Drop (In.Wg)
800	0.02
1000	0.03
1500	0.07
2000	0.12
3000	0.28

Tested for Air Performance in accordance with ANSI/AMCA Standard 500-D, Figure 5.3. Air performance testing was conducted using opposed blade dampers; the same results can be applied to parallel blade dampers. All data has been corrected to represent standard air density .075 lb/ft

KBE International certifies that the model KACLO12 &22 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 Leakage and Air Performance ratings.