Model CCD-AE5-6X
Aluminum Construction
5" Frame, 6" Airfoil Blade

Commercial Control Damper - Aluminum

Model

Commercial Control Damper Aluminum
CCD-AE5-6X

Features

- The CCD-AE5-6X series Control dampers have been designed and tested to provide the ultimate in performance features for sophisticated HVAC systems. Streamlined ("airfoil") blades provide reduced turbulence and noise. Inflatable blade edge and jamb seals allow extremely tight seating without unduly increasing torque requirements.

Standard Construction:

Frame: Extruded aluminum hat section, 5"w x 1"h (127mm x 25mm) heavy gauge 6063-T5.

Blades: Extruded aluminum 6" (152mm) wide airfoil profile, heavy gauge 6063-T5 extrusion.

Bearings: Bronze oilite bearings.

Axles: Square plated steel.

Linkage: Galvanized steel linkage bar, concealed in frame.

Extended Shaft: Removable, 6" long x 1/2" dia. (152mm x 13mm) plated steel coupled to square axle.

Blade Seals: Inflatable, pressure sensitive, PVC.

Jamb Seals: Flexible metal, pressure sensitive.

Finish: Mill.

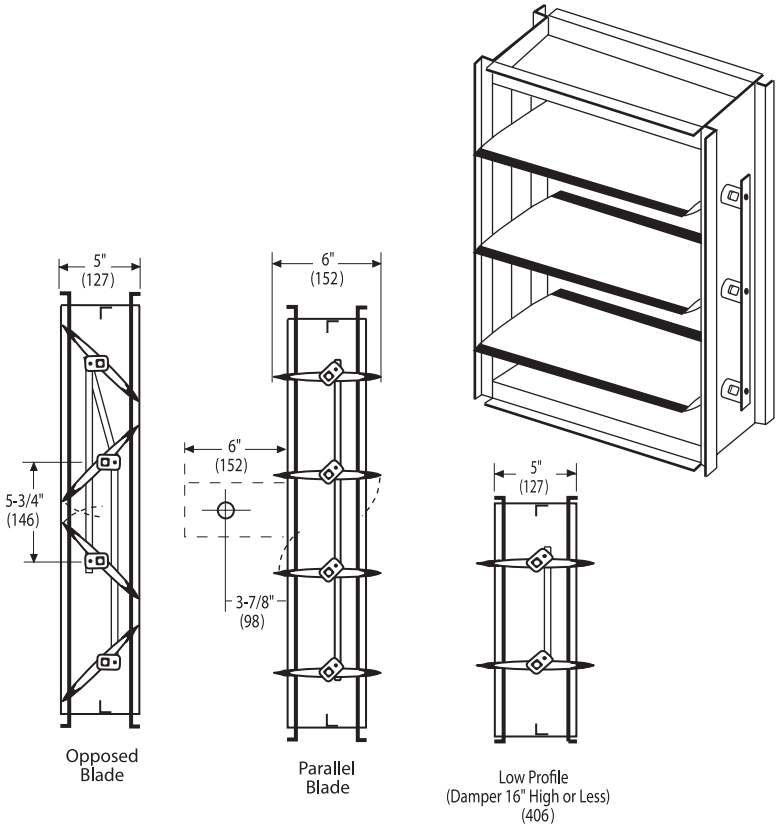
Jackshaft: 1/2" (13mm) diameter standard on multi sections.

Minimum Damper Size:
Single Blade 6"w x 5"h (152mm x 127mm).

Maximum Damper Size:
Single Section: 48"w x 72"h (1219mm x 1829mm), Multi Section: Unlimited.

Options:

- ❑ **Operators:** Motor mounting - Factory furnished or by others. Manual quadrant operator
- ❑ **Face & Bypass:** Right angle and straight line face and bypass
- ❑ **Jackshaft:** 3/4" (19mm) Jackshaft reinforcement.
- ❑ Silicone blade edge seals.



Notes:

- Dampers fabricated 1/4" (6mm) under opening size unless otherwise noted
- Specify parallel or opposed blade action.

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

PROJECT:		price®
ENGINEER:		
CUSTOMER:		Jul / 12
SUBMITTAL DATE:	**SPEC. SYMBOL:**	244973

All Metric dimensions ( ) are soft conversion.
Imperial dimensions are converted to metric and rounded to the nearest millimetre.

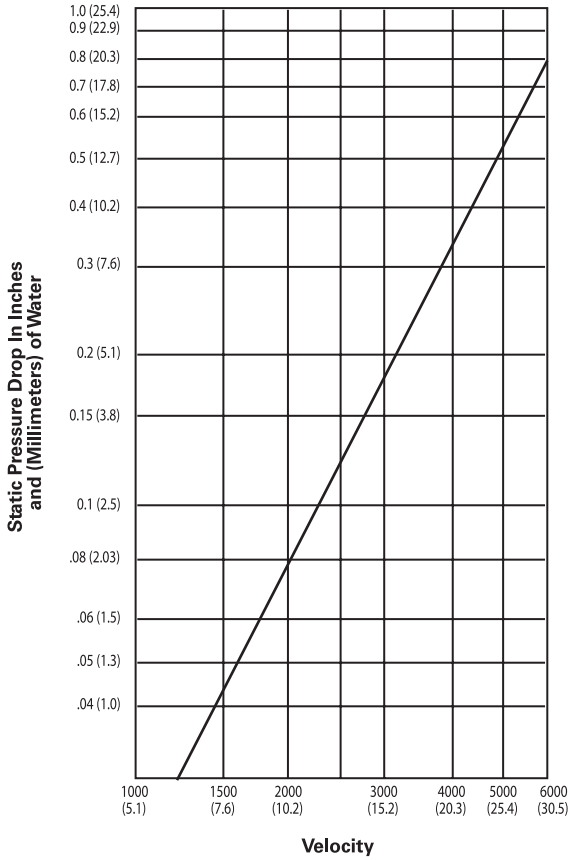
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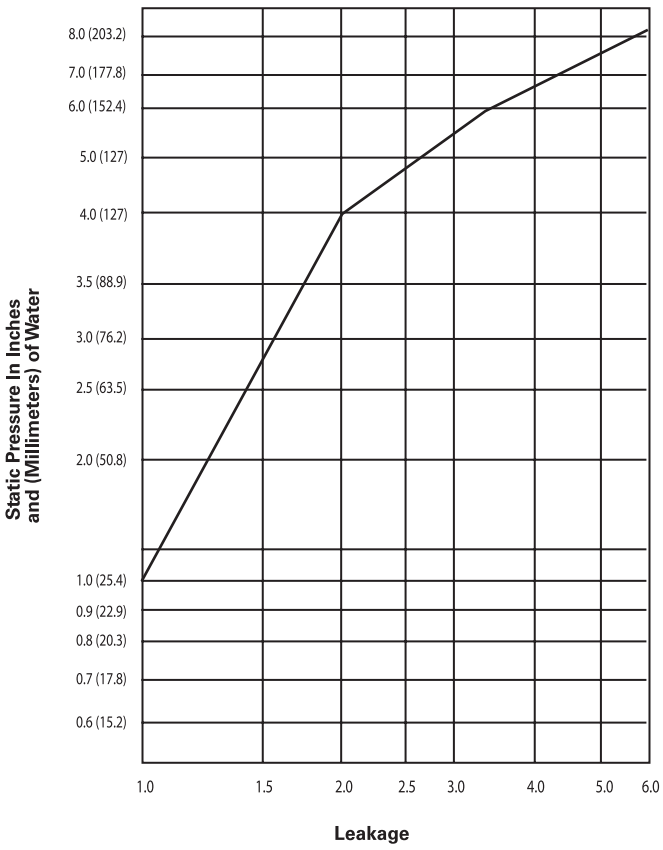
Performance Data Graphs

Pressure Drop - Damper Open 24" x 24" (610 mm x 610 mm)



Tested as per AMCA Std. 500, Fig. 5.3 – Air velocity shown in feet per minute and in ( ) meters per second.

Air Leakage - Damper Closed 48" x 48" (1219 mm x 1219 mm)



Tested as per AMCA Std. 500, Fig. 5.5 – leakage in CFM per sq.ft.

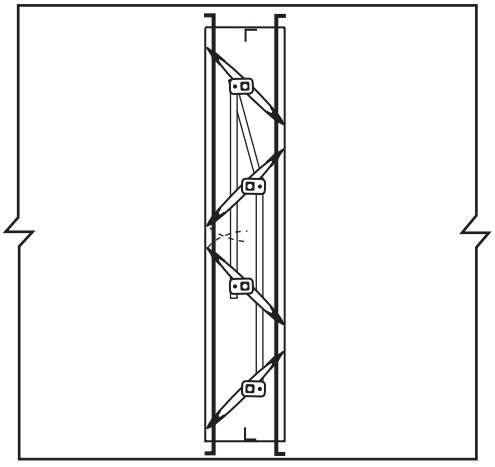
Typical Model
CCD-AE5-6X Installation

The CCD-AE5-6X series is not recommended for vertical blades installation. Always connect motors to power blade and on linkage side.

The PRICE frame is designed for easy installation into duct. Simply put sheet metal screws through the duct into the 1/2" (13 mm) wide mounting flanges approximately 18" (457 mm) on center.

PRICE dampers are designed to be self supporting only in single sections. Multi-section dampers may require external bracing. Recommended bracing minimum of 8' (2438 mm). The amount and size will depend on unit size and system pressure.

The CCD-AE5-6X is suitable for applications with total pressures up to 4.0" w.g. It may be used in applications exceeding 4.0" w.g. by reducing the damper width. For correct damper sizing consult the factory when exceeding standard design limit of 4.0" w.g.



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