



AIRFOIL CONTROL DAMPER

AFX-6C6-LS

HIGH PERFORMANCE



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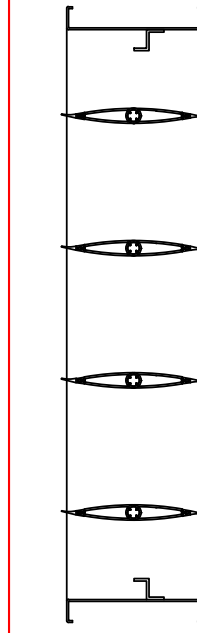
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STANDARD CONSTRUCTION

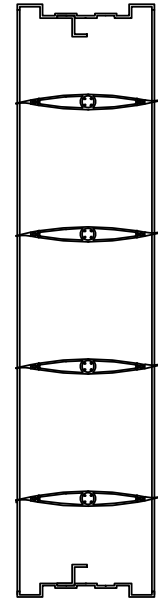
MATERIAL	6063-T5 EXTRUDED ALUMINUM
BLADE	0.05" (1.3 mm) NOMINAL
BLADE ANGLE	0-90 DEGREES
BLADE SPACING	5.8" (147 mm)
FRAME	.05" (1.3 mm) NOMINAL
DEPTH	6" (152 mm)
CONSTRUCTION	GTAW / GMAW WELDED
LINKAGE	OUTSIDE THE AIR STREAM
BUSHINGS	NYLON, BRONZE OILITE, BEARING
UNDERSIZE	0.25" (6 mm)
MINIMUM SECTION SIZE	8" W x 8" H (203 mm)
MAXIMUM SECTION WIDTH	48" H (3658 mm)
MAXIMUM SECTION HEIGHT	72" H (3658 mm)
MAXIMUM SIZE	UNLIMITED
MAX VELOCITY	4000 F.P.M.



CHANNEL FRAME



HAT CHANNEL FRAME



DAMPER OPTIONS

CONSTRUCTION MATERIAL

- ALUMINUM (STANDARD)
- GALVANIZED STEEL
- STAINLESS STEEL (304, 316)

FRAME

- CHANNEL FRAME
- FLANGE FRAME
- HAT CHANNEL FRAME

SCREENS

- 0.5" (13 mm) ALUMINUM BIRD SCREEN IN FRAME
- 0.75" (19 mm) ALUMINUM BIRD SCREEN IN FRAME
- 0.75" (19 mm) GALVANIZED WELDED BIRD SCREEN
- #8 GALVANIZED WELDED BUG SCREEN
- VARIETY OF EXPANDED METAL SCREENS

FINISH

- MILL FINISH STANDARD

OTHER

- BLANK OFF PANEL
- SLEEVE
- FILTER RACK
- WALL HOOD
- LOUVER

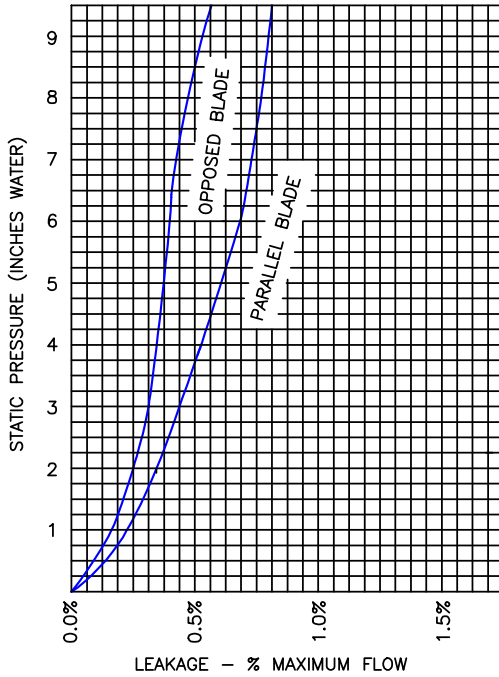


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TORQUE REQUIREMENT CHART: INCH - LBS./SQ. FT.		
1000 F.P.M. ● 2" W.G.	1000 - 2000 F.P.M. ● 3" W.G. (X 1.5)	2000 - 3000 F.P.M. ● 4" W.G. (X 2.0)
OPPOSED BLADE 5 IN. LBS./SQ. FT.	OPPOSED BLADE 7.5 IN. LBS./SQ. FT.	OPPOSED BLADE 10 IN. LBS./SQ. FT.
PARALLEL BLADE 7 IN. LBS./SQ. FT.	PARALLEL BLADE 10.5 IN. LBS./SQ. FT.	PARALLEL BLADE 14 IN. LBS./SQ. FT.

MAXIMUM SYSTEM PRESSURE			
12" WIDE 10" SP W.G.	24" WIDE 9" SP W.G.	36" WIDE 8" SP W.G.	48" WIDE 6" SP W.G.

