



MANUAL BALANCING DAMPER

OBI-4H6

OPPOSED BLADE
NO SEALS



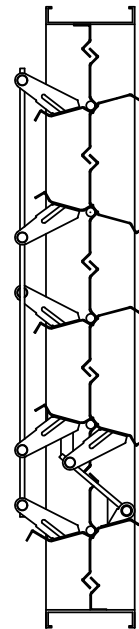
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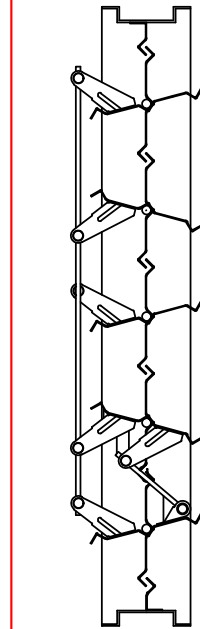
STANDARD CONSTRUCTION

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	4.5" (114 mm)
CONSTRUCTION	GTAW / GMAW WELDED
LINKAGE	IN 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	2000 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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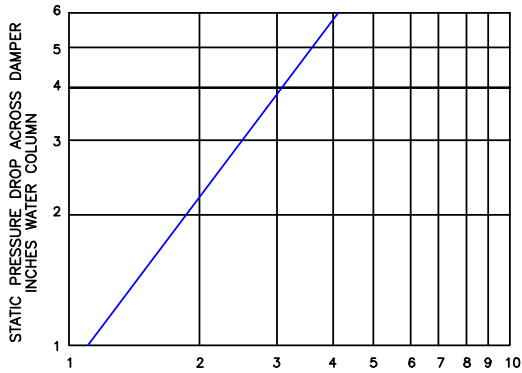
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AIR LEAGAGE VOLUME IN C.F.M./SQ.FT.
AIR LEAKAGE CHART
STANDARD AIR - 0.075 LBS.

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)	1000 - 2000 F.P.M. @ 4" W.G. (X 2.0)
5 IN. LBS./SQ. FT.	7.5 IN. LBS./SQ. FT	10 IN. LBS./SQ. FT

MAXIMUM SYSTEM PRESSURE			
12" WIDE 4" SP W.G.	24" WIDE 4" SP W.G.	36" WIDE 3" SP W.G.	48" WIDE 2.5" SP W.G.

