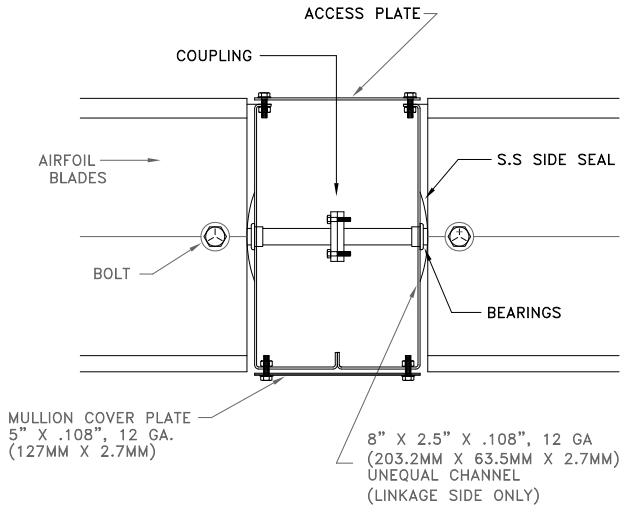


MULTIPLE SECTION
1: 2 FROM DRAWING BELOW



INDUSTRIAL LOW LEAKAGE DAMPER AFS-8C8



STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL. WELDS COATED WITH ZINC RICH PAINT
- FRAME - 8" X 2" X .108", 12 GA. (203.2MM X 50.8MM X 2.8MM) GALVANIZED STEEL CHANNEL
- BLADES - 7.5" X .75" X .064", 16 GA. (190.5MM X 19.1MM X 1.61MM) GALVANIZED AIRFOIL, 2 PIECES
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40 DEG. F. TO +200 DEG. F., S.S. SIDE SEALS
- SHAFTS - .75" (19.1MM) DIA. CONTINUOUS C.R. PLATED STEEL
- BEARINGS - .75" (19.1MM) PRESSED IN BALL BEARINGS
- LINKAGE - OUTSIDE AIRSTREAM, 1.5" X .25" (38.1MM X 6.4MM) PLATED STEEL LINKAGE
- DRIVE SHAFT - .75" (19.1MM) DIA. CONTINUOUS C.R. PLATED STEEL
- FINISH - MILL GALVANIZED STEEL
- SIZE - MINIMUM 12" W X 12" H (304.8MM X 304.8MM)
- MAXIMUM 48" W X 96" H (1219.2MM X 2438.4MM)

OPTIONS

- BEARINGS - STAINLESS STEEL BUSHINGS, NYLON BUSHINGS, 2 BOLT FLANGE SELF ALIGNING
- JACK SHAFTS - SEE SIZING CHARTS
- CONTROL - MANUAL, JACK SHAFTS, MOTORIZED, ETC.

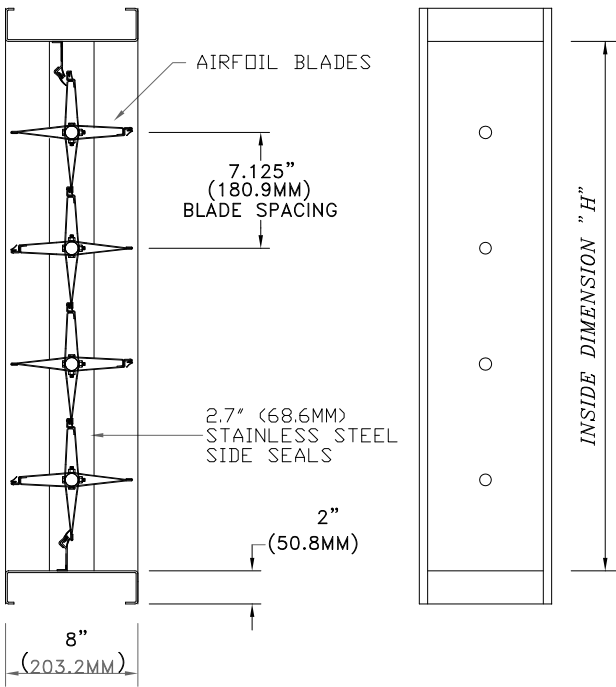
TECHNICAL NOTES

- MAX. RECOMMENDED VEL. - 5000 FPM
- SHIPPING WEIGHT - APPROX. 12 LB/SQ. FT.
- LARGER SIZES - MULTIPLE SECTIONS WILL BE PROVIDED FOR RE-ASSEMBLY BY OTHERS

DAMPER IS AVAILABLE IN OPPOSED BLADE AND PARALLEL BLADE ORIENTATION (OPPOSED BLADE IS SHOWN)

INDUSTRIAL DAMPERS ARE MANUFACTURED TO INSIDE DIMENSIONS UNLESS OTHERWISE STATED

* FOR MORE INFORMATION, CONTACT OUR FACTORY *



SECTION

SIDE VIEW

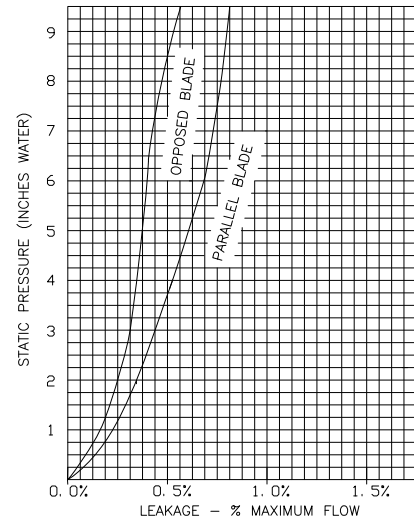
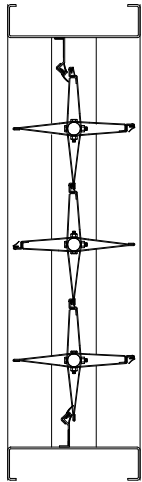
NOTES

APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

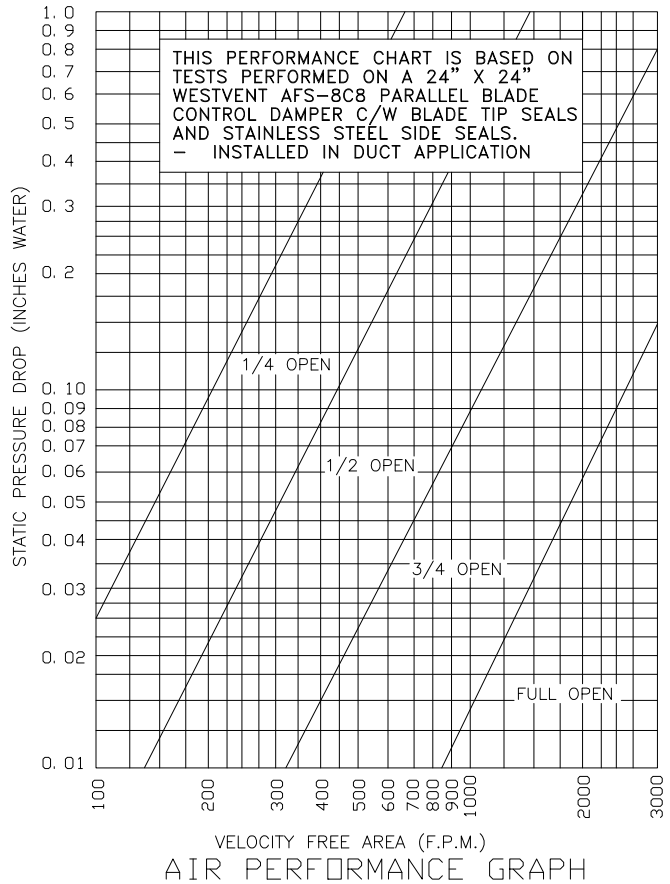
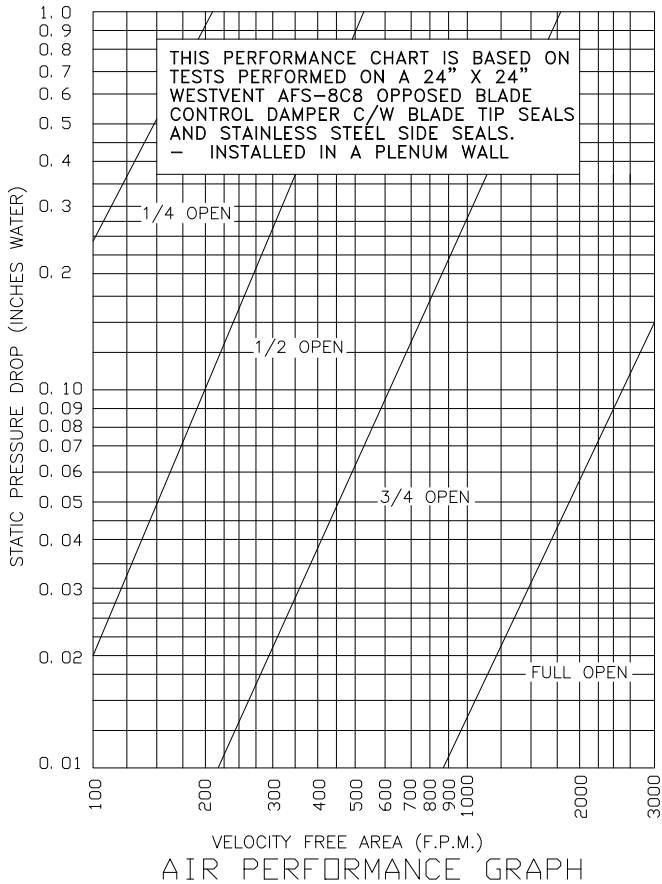


INDUSTRIAL LOW LEAKAGE DAMPER AFS-8C8



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 18" SP W.G.	24" WIDE 16" SP W.G.	36" WIDE 14" SP W.G.	48" WIDE 12" SP W.G.



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AFS-8C8