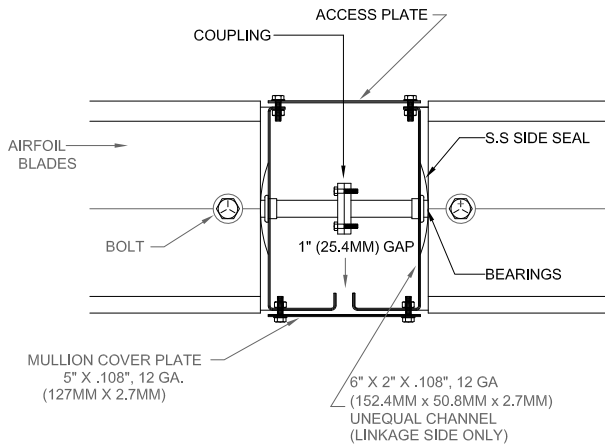


MULTIPLE SECTION  
1: 2 FROM DRAWING BELOW



# INDUSTRIAL STEEL LOW LEAKAGE DAMPER AFS-6C6



**STANDARD SPECIFICATIONS**

- CONST. - FORMED GALVANIZED STEEL. WELDS COATED WITH ZINC RICH PAINT
- FRAME - 6" X 2" X .108", 12 GA. (152.4MM X 50.8MM X 2.8MM) GALVANIZED STEEL CHANNEL
- BLADES - 6" X .064", 16 GA. (152.4MM X 1.6MM) GALVANIZED STEEL AIRFOIL, 2 PIECES
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40 DEG. F. TO +200 DEG. F., S.S. SIDE SEALS
- SHAFTS - .5" (12.7MM) DIA. C.R. PLATED STEEL
- BEARINGS - .5" (12.7MM) DIA. PRESSED IN BALL BEARINGS
- LINKAGE - OUTSIDE AIRSTREAM, 1.5" X .25" (38.1MM X 6.4MM) PLATED STEEL LINKAGE
- DRIVE SHAFT FINISH SIZE - .5" (12.7MM) DIA. C.R. PLATED STEEL
- FINISH - MILL GALVANIZED STEEL
- SIZE - MINIMUM 8" W X 16" H (203.2MM X 406.4MM)
- MAXIMUM 48" W X 72" H (1219.2MM X 1828.8MM)

**OPTIONS**

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

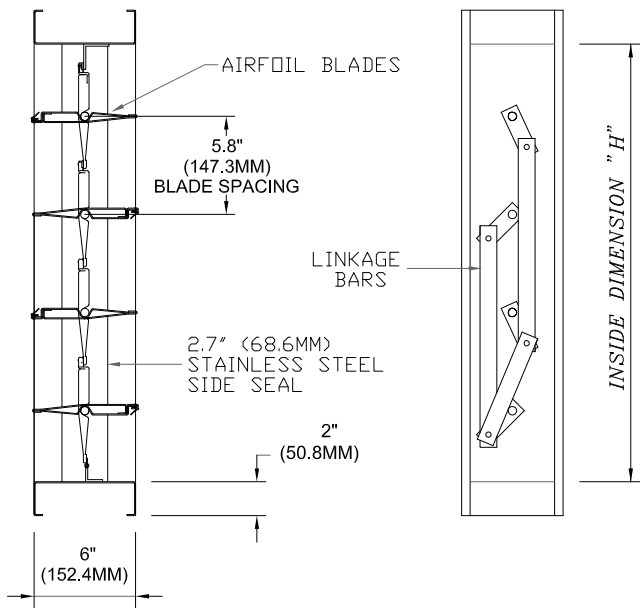
**TECHNICAL NOTES**

- MAX. RECOMMENDED VEL. - 3000 FPM
- MAXIMUM TEMPERATURE - 250 ° F.
- SHIPPING WEIGHT - APPROX. 9 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

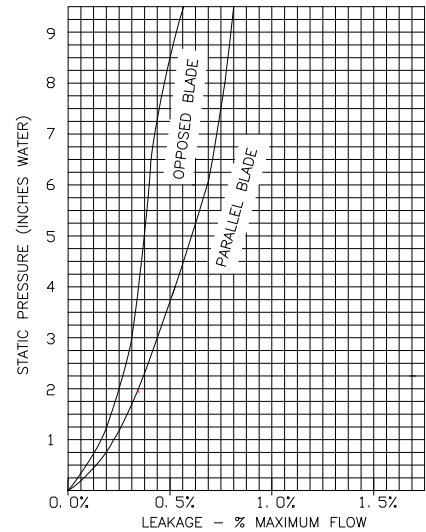
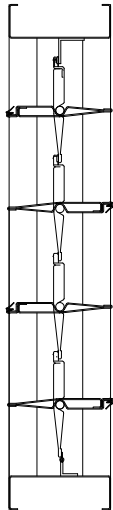
## NOTES

## APPROVAL

DATE:  
PROJECT:  
ENGINEER:  
CUSTOMER:  
DISTRIBUTOR:

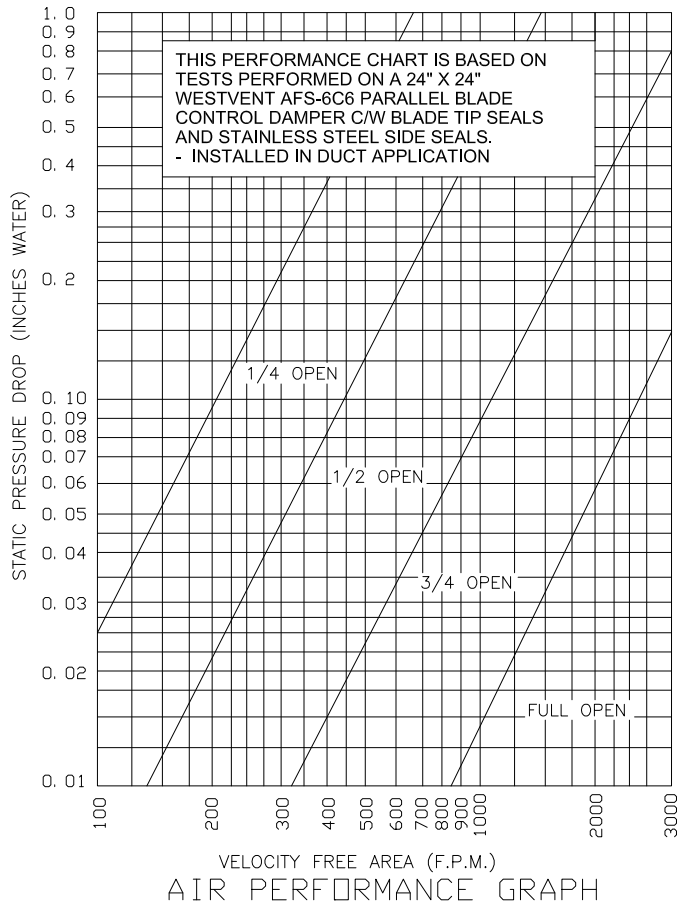
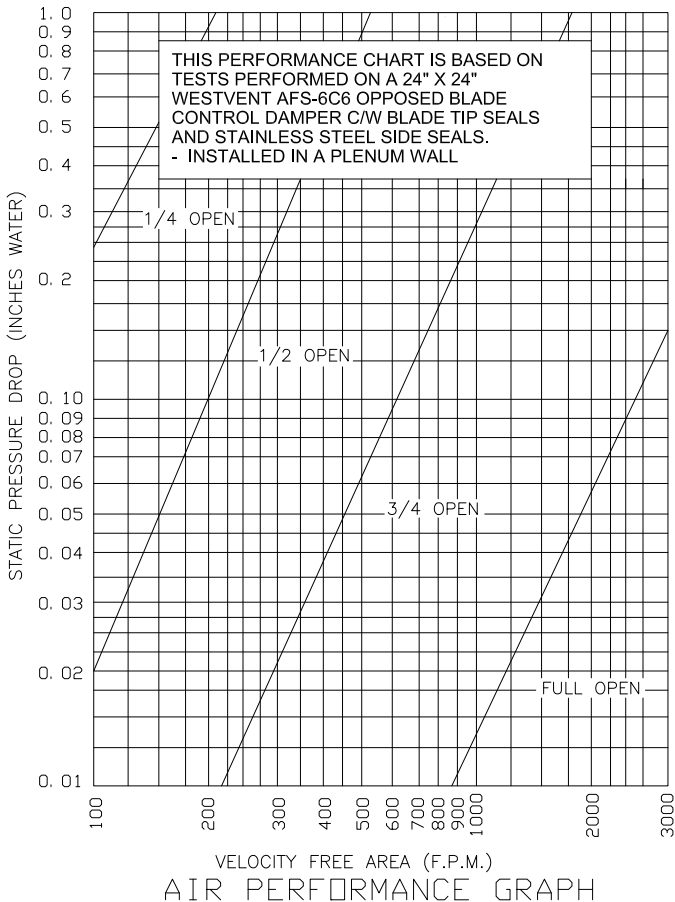


# INDUSTRIAL STEEL LOW LEAKAGE DAMPER AFS-6C6



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 6" SP W.G.	24" WIDE 6" SP W.G.	36" WIDE 5" SP W.G.	48" WIDE 4" SP W.G.



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