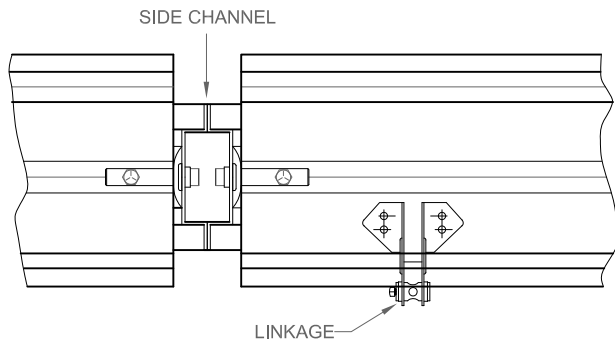




# STEEL PARALLEL BLADE DAMPER PBS-4H6



MULTIPLE SECTION DETAIL

STANDARD SPECIFICATIONS

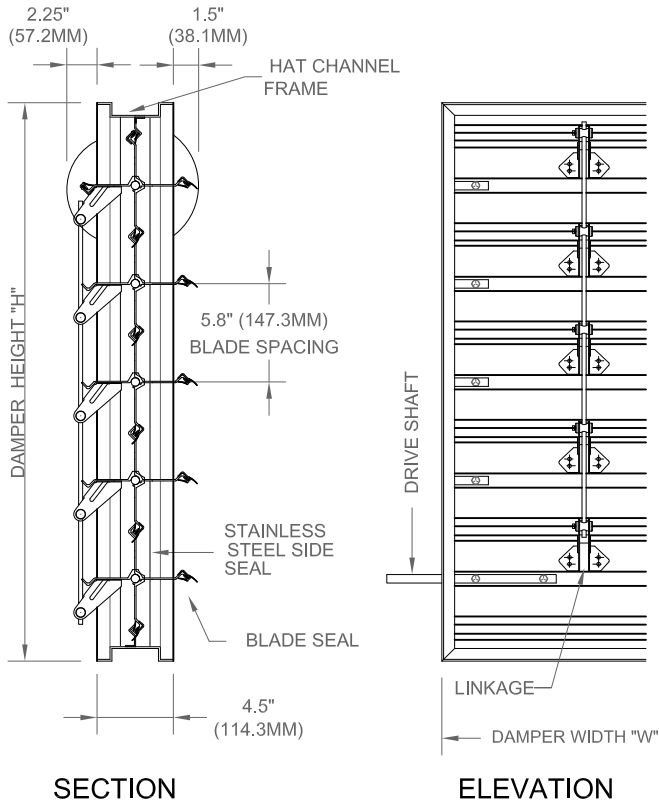
- CONST. - FORMED GALVANIZED STEEL. WELDS COATED WITH ZINC RICH PAINT
- FRAME - 4.25" X .75" X .108", 12 GA. (108MM X 19.1MM X 2.8MM) GALVANIZED STEEL CHANNEL
- BLADES - 6" X .064", 16 GA. (152.4MM X 1.61MM FORMED GALV. STEEL 5.8" (147.3MM) BLADE SPACING
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40 DEG. F. TO +200 DEG. F., S.S. SIDE SEALS
- SHAFTS - .5" (12.7MM) DIA. C.R. PLATED STEEL
- BEARINGS - .5" (12.7MM) OILITE BRONZE BUSHINGS
- LINKAGE - IN AIRSTREAM, ROD TRAVEL 5.25" (133.4MM)
- DRIVE-SHAFT - .5" (12.7MM) DIA. C.R. PLATED STEEL EXTENDING 6" (154.4MM OUT OF FRAME)
- FINISH - MILL GALVANIZED STEEL
- SIZE - MINIMUM 8" W X 8" H (203.2MM X 203.2MM)  
MAXIMUM 48" W X 72" H (1219.2MM X 1828.8MM)

OPTIONS

- FRAME - 4" X 1" X .108", 12 GA (101.6MM X 25.4MM X 2.8MM) GALV. "C" CHANNEL FRAME, BUTT WELDED
- BEARINGS - .5" (12.7MM) NYLON BUSHINGS  
.5" (12.7MM) BALL BEARING ("C" CHANNEL ONLY)
- CONTROL - MANUAL, JACK SHAFTS, MOTORIZED

TECHNICAL NOTES

- CAUTION - ADVISE ON TYPE OF APPLICATION
- MAX. RECOMMENDED VEL. - 2000 FPM
- MAX. SYSTEM PRESSURE - SEE CHART
- MAXIMUM TEMP. - 200° F.
- LEAKAGE - LESS THAN .5% AT 4" W.G.
- SHIPPING WEIGHT - APPROX. 6 LB/SQ. FT.
- LARGER SIZES - MULTIPLE SECTIONS WILL BE PROVIDED FOR RE-ASSEMBLY BY OTHERS



SECTION

ELEVATION

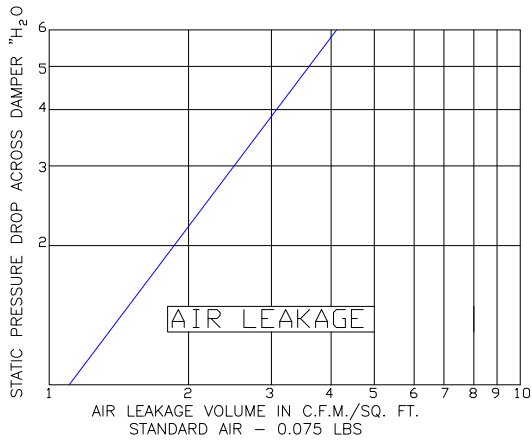
**DAMPER IS MANUFACTURED .25" (6.4MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED**

NOTES

APPROVAL

DATE:  
PROJECT:  
ENGINEER:  
CUSTOMER:  
DISTRIBUTOR:

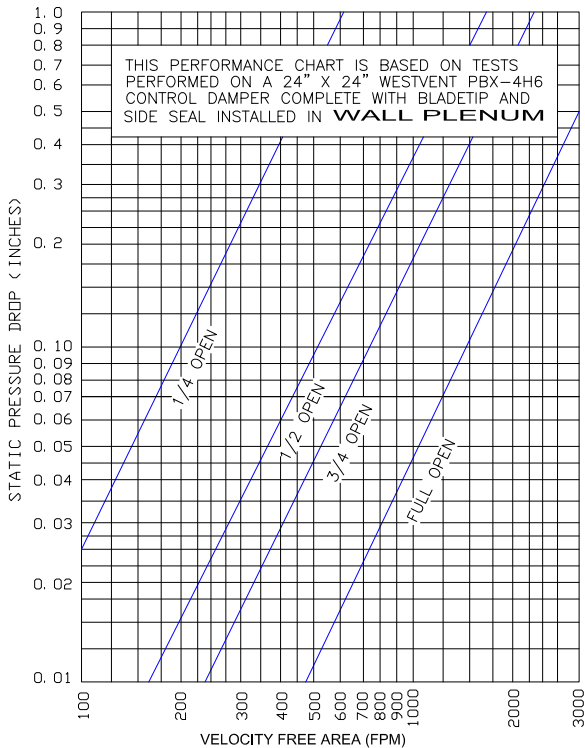
# STEEL PARALLEL BLADE DAMPER PBS-4H6



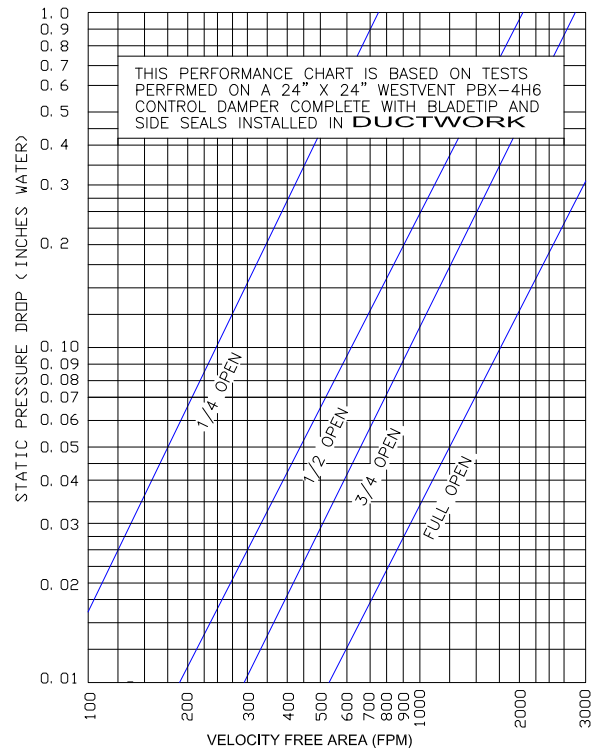
TORQUE REQUIREMENT CHART: INCH - LBS./SQ. FT.		
1000 F.P.M. @ 2" W.G.	1000 - 2000 F.P.M. @ 3" W.G. (X 1.5)	1000 - 2000 F.P.M. @ 4" W.G. (X 2.0)
7 IN. LBS./SQ. FT.	10.5 IN. LBS./SQ. FT	14 IN. LBS./SQ. FT

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.

AIR PERFORMANCE



AIR PERFORMANCE



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