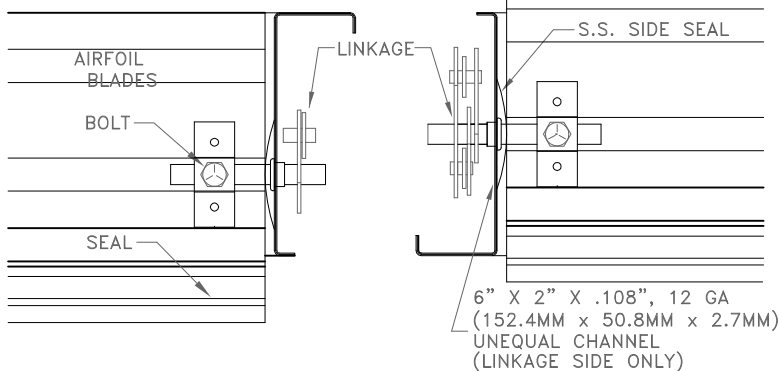
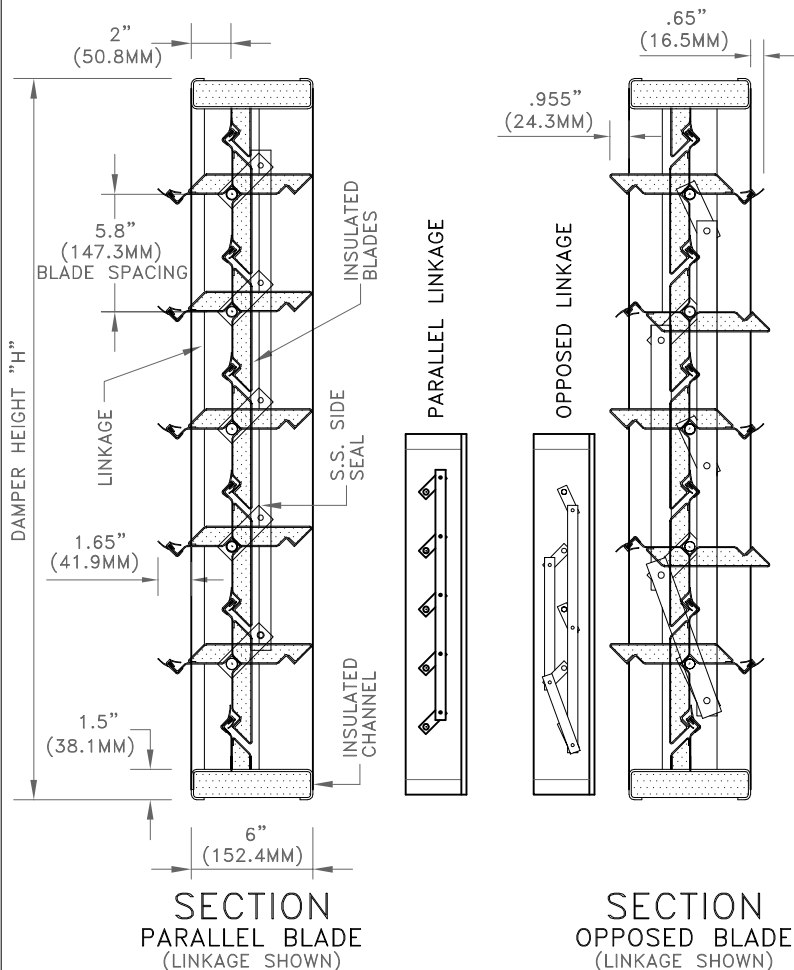


PARALLEL BLADE

OPPOSED BLADE



MULTIPLE SECTION DETAILS
(2:1 FROM DRAWINGS BELOW)



COMMERCIAL
STEEL INSULATED DAMPER
INS-6C6-LS

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL. WELDS COATED WITH ZINC RICH PAINT
- FRAME - 12 GA. GALV. INSULATED STEEL CHANNEL, BUTT CORNERS
- BLADES - 6" X 1.16" (152.4MM X 29.5MM), 1 PIECE 16 GAUGE STEEL ON INTERIOR SIDE AND 1 PIECE 24 GAUGE GALVANIZED ON EXTERIOR, C/W RIGID FOAM OR FIBREGLASS INSULATION
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40° F. TO +200° F., 2.7" (68.8MM) S.S. SIDE SEALS
- SHAFTS - .5" (12.7MM) DIA. C.R. PLATED STEEL
- BEARINGS - .5" (12.7MM) OILITE BRONZE BUSHINGS
- LINKAGE - OUTSIDE AIRSTREAM, 1" X .25" (25.4MM X 6.4MM) PLATED STEEL
- FINISH - MILL GALVANIZED STEEL
- SIZE - MAXIMUM 48" X 72" (1219.2MM X 1828.8MM)
- CONTROL - MANUAL, JACK SHAFTS, MOTORIZED, ETC.

OPTIONS

- FRAME - HEAVIER GAUGE MATERIAL
- BLADES - HEAVIER GAUGE MATERIAL
- BEARINGS - .5" (12.7MM) NYLON BUSHINGS
- .5" (12.7MM) BALL BEARINGS
- JACK - SEE SIZING CHARTS
- SHAFTS - SEE SIZING CHARTS
- FINISH - PRIME COAT, BAKED ENAMEL

TECHNICAL NOTES

- MAX. RECOMMENDED VEL. - 3000 FPM
- LEAKAGE - SEE PERFORMANCE CHART
- SHIPPING WEIGHT - APPROX. 12 LB/SQ. FT.
- LARGER SIZES - MULTIPLE SECTIONS WILL BE PROVIDED FOR RE-ASSEMBLY BY OTHERS

DAMPER IS MANUFACTURED .25" (6MM) SMALLER THAN ORDERED SIZE UNLESS EXACT DIMENSIONS ARE STATED

* FOR MORE INFORMATION, CONTACT OUR FACTORY *

NOTES

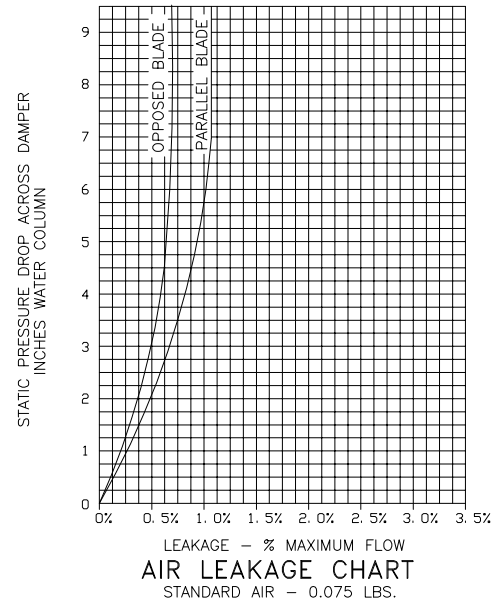
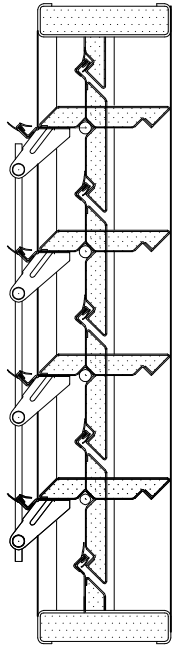
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

INS-6C6-LS-D



COMMERCIAL STEEL INSULATED DAMPER INX-6C6-LI & LS

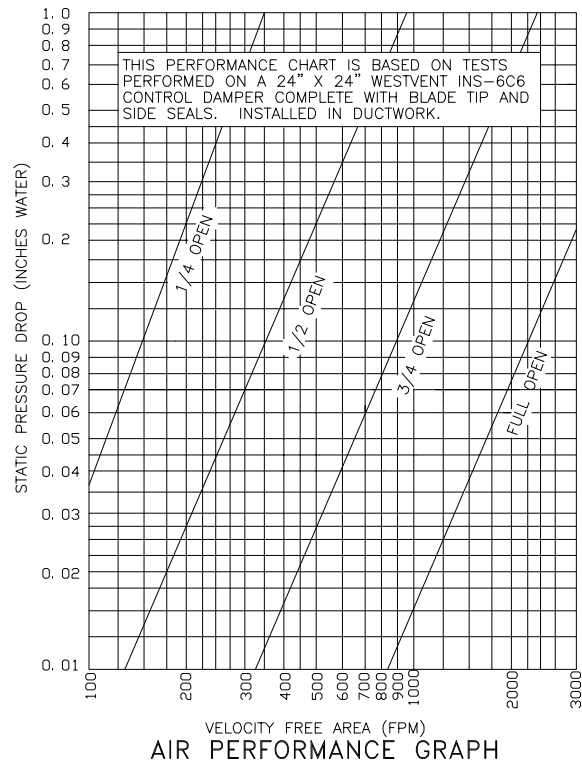
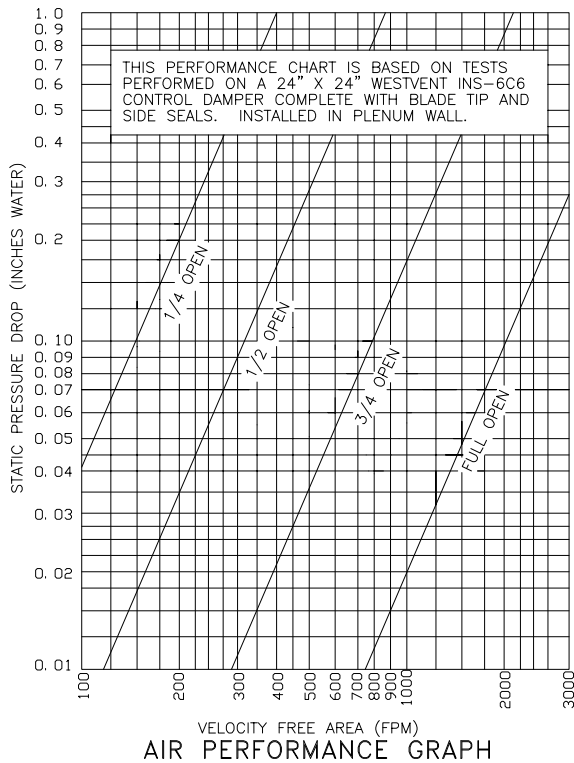


TORQUE REQUIREMENT CHART: INCH - LBS./SQ. FT.

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.
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INS-6C6-S