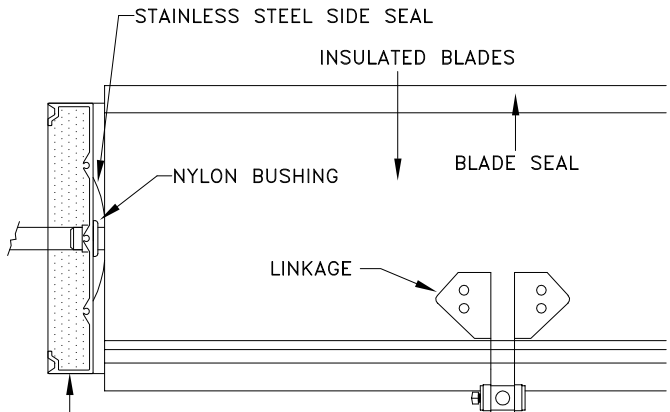




# COMMERCIAL ALUMINUM INSULATED DAMPER INX-6C6-LI



6" X 1" X .081"  
(152.4MM X 25.4MM X 2.1MM)  
EXTR. ALUM. INSULATED CHANNEL

**HORIZONTAL SECTION DETAIL**  
(2:1 FROM DRAWING BELOW)

**STANDARD SPECIFICATIONS**

- CONST. - 6063-T5 EXTRUDED ALUMINUM - INSULATED
- FRAME - 6" X 1" X .081", (152.4MM X 25.4MM X 2.1MM)  
WELDED BUTT CORNERS, MULLIONS AND SPREADER BARS ON ALL SECTIONS 48" (1219.2MM) AND LARGER.
- BLADES - 6" X 1.16" X .076 (152.4MM X 29.5MM X 1.9MM)  
EXTRUDED ALUMINUM BLADE C/W R6.5 FOAM INSUL.
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40° F. TO +200F., 2.7" (68.6MM) S.S. SIDE SEALS
- SHAFTS - .5" (12.7MM) DIA. C.R. PLATED STEEL
- BEARINGS - .5" (12.7MM) NYLON BUSHINGS
- LINKAGE - INSIDE AIRSTREAM, ROD TRAVEL 5.25" (133.4MM)
- DRIVE - .5" (12.7MM) DIA. C.R. PLATED STEEL EXTENDING 6" SHAFT (152.4MM) OUT OF FRAME
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 10" W X 10" H (254MM X 254MM)  
- MAXIMUM 48" W X 72" H (1219.2MM X 1828.8MM)

**OPTIONS**

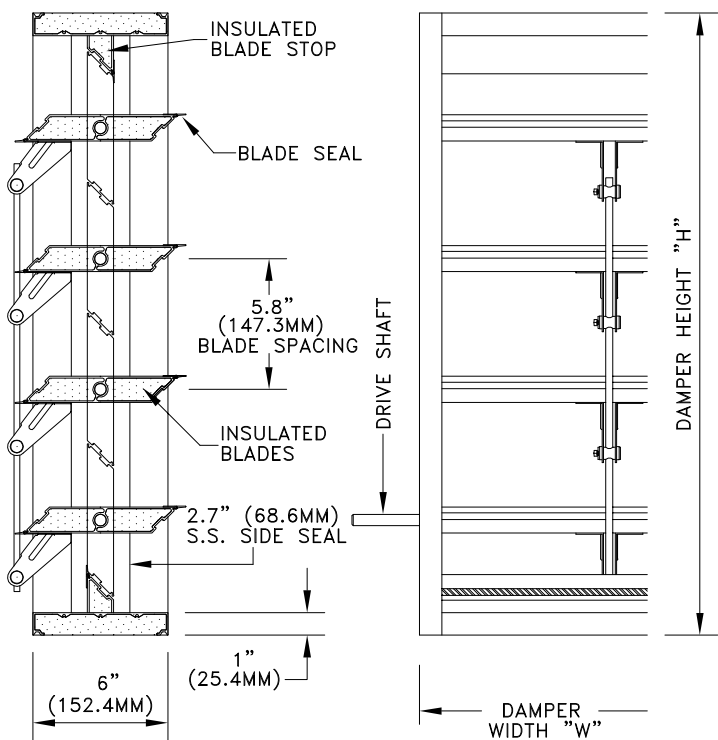
- BEARINGS - .5" (12.7MM) BALL BEARINGS
- SEALS - SANTOPRENE BULB: -50° F TO +250° F
- JACK
- SHAFTS - SEE SIZING CHARTS
- CONTROL - MANUAL, JACK SHAFTS, MOTORIZED, ETC.

**TECHNICAL NOTES**

- MAX. RECOMMENDED VEL. - 4000 FPM
- MAX. SYSTEM PRESSURE - SEE CHART
- LEAKAGE - LESS THAN 0.6% AT 10" W.G.
- SHIPPING WEIGHT - APPROX. 6 LB/SQ. FT.
- LARGER SIZES - MULTIPLE SECTIONS WILL BE PROVIDED FOR RE-ASSEMBLY BY OTHERS

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

\* FOR MORE INFORMATION, CONTACT OUR FACTORY \*



**SECTION**

**ELEVATION**

**NOTES**

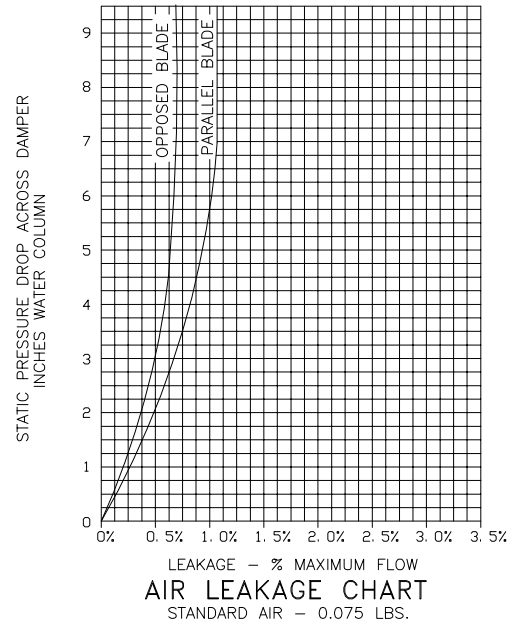
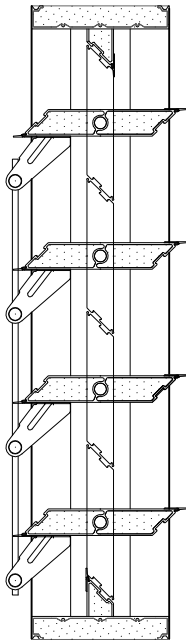
**APPROVAL**

DATE:  
PROJECT:  
ENGINEER:  
CUSTOMER:  
DISTRIBUTOR:

IT-909-IXI



# ALUMINUM INSULATED DAMPER INX-6C6-LI

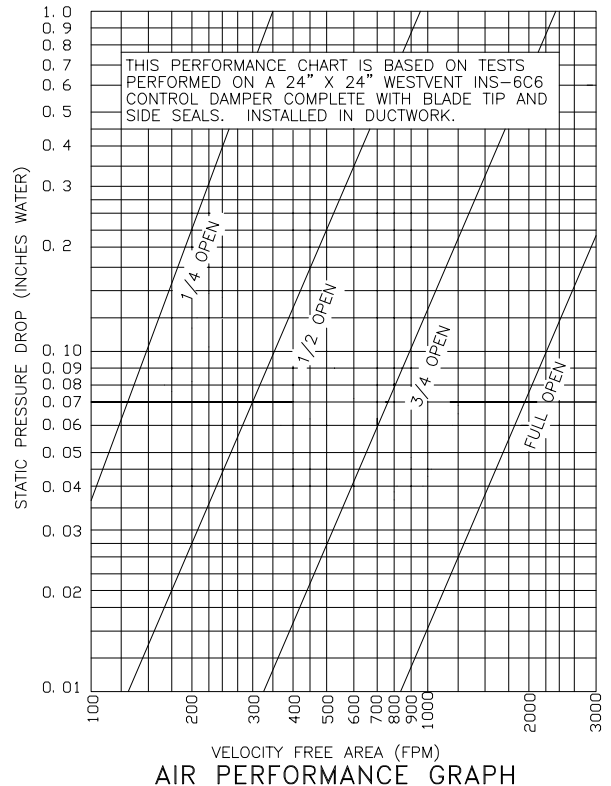
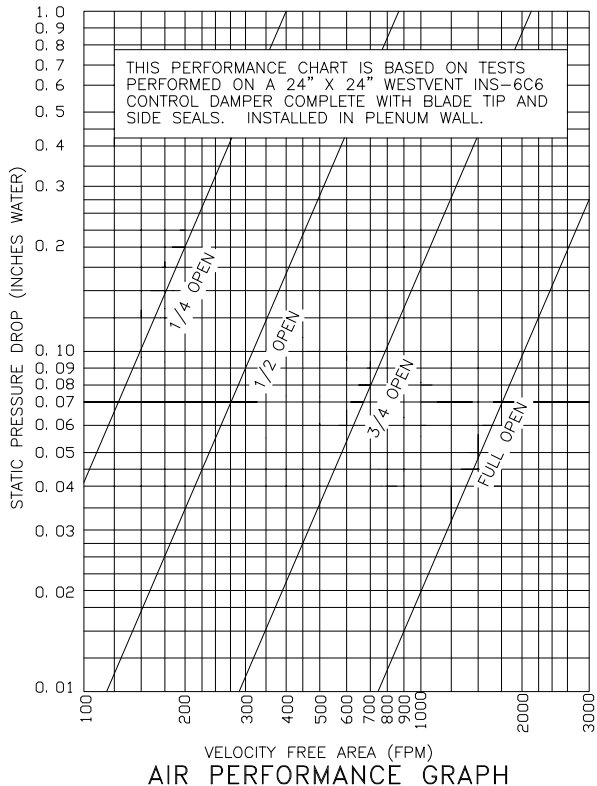


**TORQUE REQUIREMENT CHART: INCH - LBS./SQ. FT.**

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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