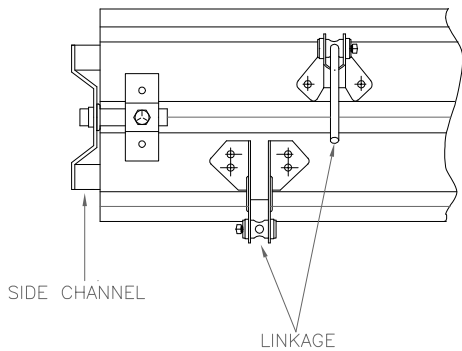


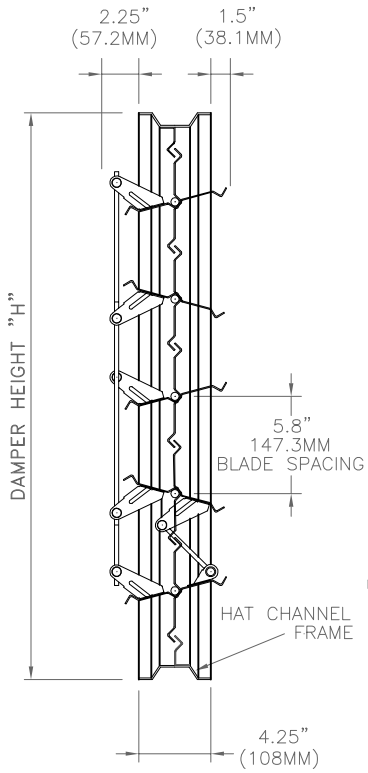


COMMERCIAL OPPOSED BLADE DAMPER OBI-4H6

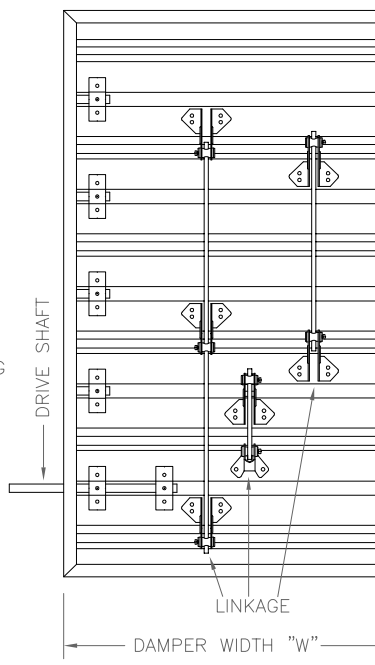
MANUAL DUCT
BALANCING DAMPER



MULTIPLE SECTION DETAIL
(2:1 FROM DRAWING BELOW)



SECTION



ELEVATION (CLOSED
BLADE POSITION SHOWN)

STANDARD SPECIFICATIONS

- CONST. - FORMED GALVANIZED STEEL. WELDS COATED WITH RICH PAINT
- FRAME - 4.25" X .63" X .064, 16 GA. (108MM X 16MM X 1.6MM) GALVANIZED IRON CHANNEL.
- BLADES - 6" X .064", 16 GA. (152.4MM X 1.6MM) FORMED GALV. IRON, 5.8" (147.3MM) BLADE SPACING
- SEALS - NOT AVAILABLE ON THIS MODEL
- 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" (152.4MM) OUT OF FRAME
- FINISH - MILL GALVANIZED STEEL
- SIZE - MINIMUM 8" W X 8" H (203.2MM X 203.2MM)
- MAXIMUM 48" W X 48" H (1219.2MM X 1219.2MM)

OPTIONS

- BEARINGS - .5" (12.7MM) NYLON BUSHINGS
- CONTROL - MANUAL QUADRANT

TECHNICAL NOTES

- CAUTION - ADVISED ON TYPE OF APPLICATION
- MAX. RECOMMENDED VEL. - 2000 FPM
- MAX. SYSTEM PRESSURE - SEE CHART
- MAXIMUM TEMPERATURE - 250 DEG. FAHRENHEIT
- SHIPPING WEIGHT - APPROX. 6 LB/SQ. FT.

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

* FOR MORE INFORMATION, CONTACT OUR FACTORY *

NOTES

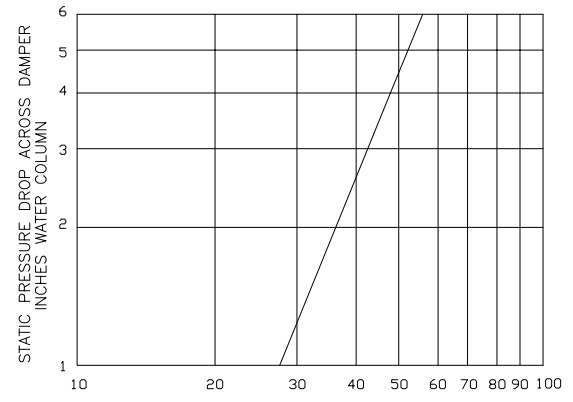
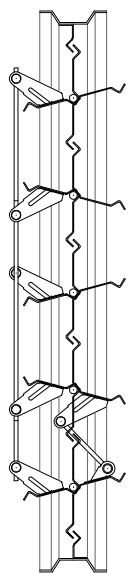
APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

OBI-4H6

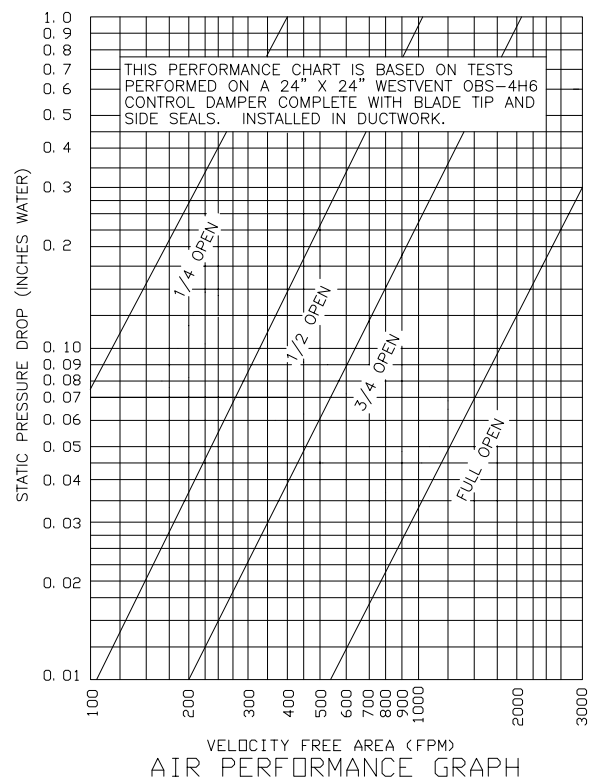
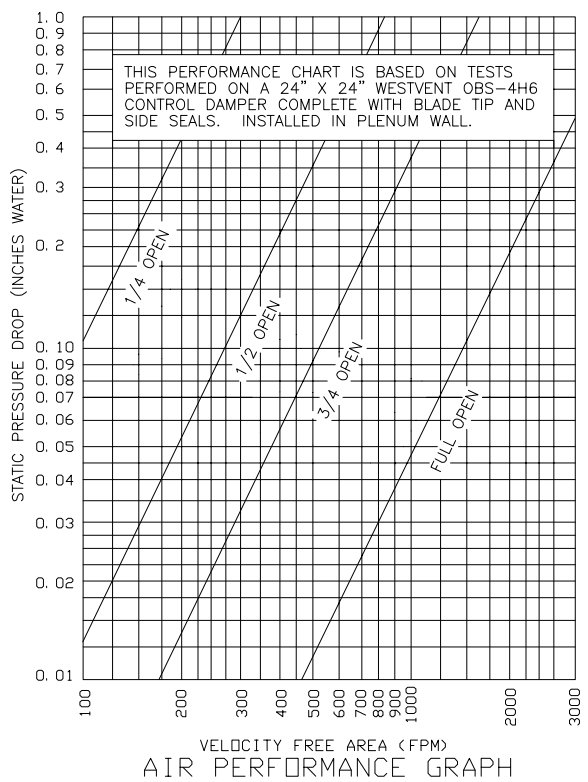


COMMERCIAL OPPOSED BLADE DAMPER OBI-4H6



| 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) |
| 5 IN. LBS./SQ. FT. | 7.5 IN. LBS./SQ. FT | 10 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. |



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