



CONTROL DAMPER
INX-6C6-LI
 INSULATED BLADE



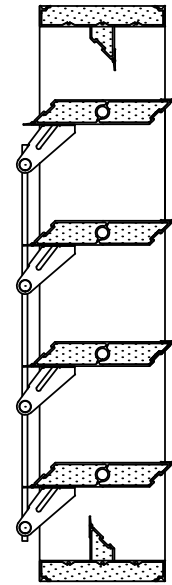
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STANDARD CONSTRUCTION

| | |
|-------------------------------|-------------------------------|
| MATERIAL | 6063-T5 EXTRUDED ALUMINUM |
| THERMAL BREAK | BLADES |
| INSULATED BLADE | 0.05" (1.3 mm) AIRFOIL R6.5 |
| BLADE ANGLE | 0-90 DEGREES |
| BLADE SPACING | 5.8" (147 mm) |
| INSULATED FRAME | .05" (1.3 mm) AIRFOIL R6.5 |
| DEPTH | 6" (152 mm) |
| CONSTRUCTION | GTAW / GMAW WELDED |
| LINKAGE | IN THE AIR STREAM |
| BUSHINGS | NYLON, BRONZE OILITE, BEARING |
| UNDERSIZE | 0.25" (6 mm) |
| MINIMUM SECTION SIZE | 10" W x 10" H (254 mm) |
| MAXIMUM SECTION WIDTH | 48" H (3658 mm) |
| MAXIMUM SECTION HEIGHT | 72" H (3658 mm) |
| MAXIMUM SIZE | UNLIMITED |
| MAX VELOCITY | 4000 F.P.M. |

CHANNEL FRAME



DAMPER OPTIONS

CONSTRUCTION MATERIAL

- ALUMINUM (STANDARD)
- GALVANIZED STEEL
- STAINLESS STEEL (304, 316)

FRAME

- CHANNEL FRAME
- FLANGE FRAME
- HAT CHANNEL FRAME

SCREENS

- 0.5" (13 mm) ALUMINUM BIRD SCREEN IN FRAME
- 0.75" (19 mm) ALUMINUM BIRD SCREEN IN FRAME
- 0.75" (19 mm) GALVANIZED WELDED BIRD SCREEN
- #8 GALVANIZED WELDED BUG SCREEN
- VARIETY OF EXPANDED METAL SCREENS

FINISH

- MILL FINISH STANDARD

OTHER

- BLANK OFF PANEL
- SLEEVE
- FILTER RACK
- WALL HOOD
- LOUVER

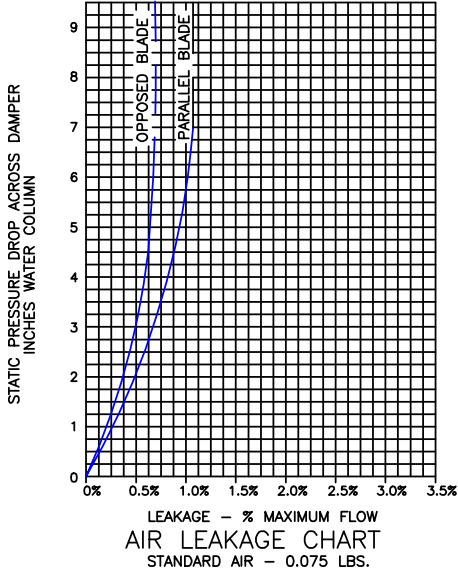


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TORQUE REQUIREMENT CHART: INCH - LBS./SQ. FT.

| 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. |

