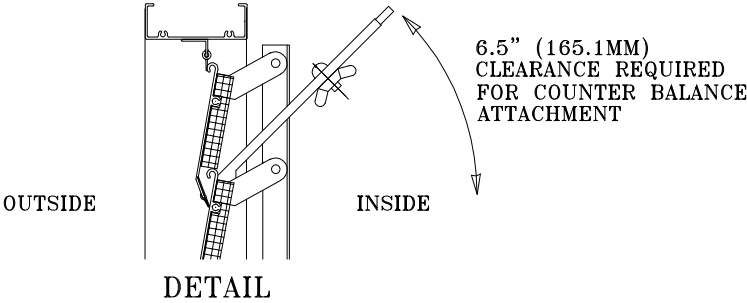
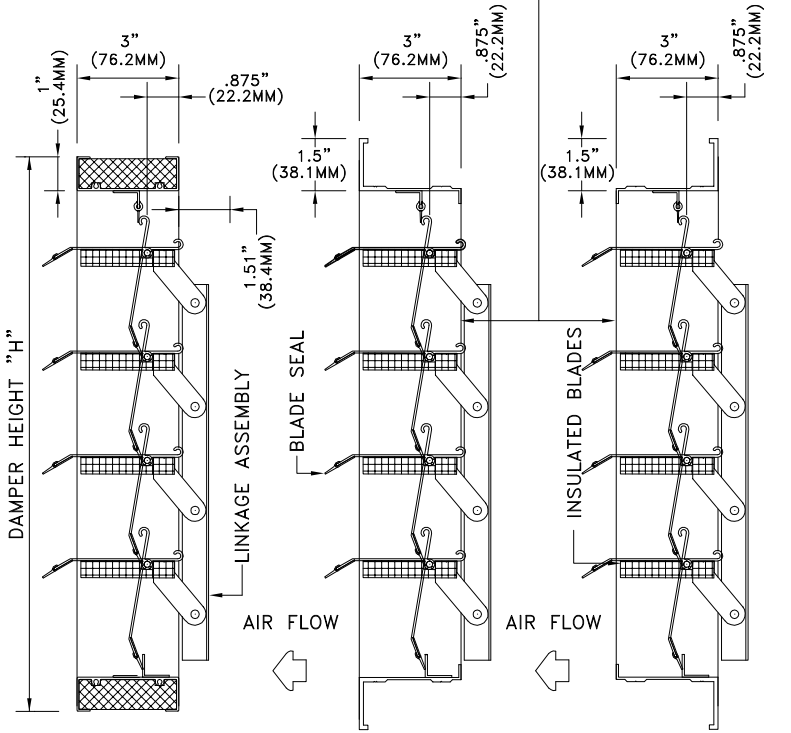




SPECIAL INSULATED BACKDRAFT DAMPER BDXI-3C3-LB



CUT .5" LEG OFF
ON SIDES OF FRAME
SO BLADES OPEN 90°



BDXI-3C3-LB
SECTION

STANDARD
CHANNEL FRAME

BDXI-3F3-LB
SECTION

OPTIONAL
FLANGED FRAME

BDXI-3RF-LB
SECTION

OPTIONAL
REVERSE FLANGE
FRAME

STANDARD SPECIFICATIONS

- CONST. - EXTRUDED ALUMINUM, WELDED FRAME
- FRAME - 3" X 1" (76.2MM X 25.4MM) EXTRUDED ALUMINUM, INSULATED
- BLADES - 3.5" X .06" (88.9MM X 1.5MM) TAPERED EXTRUDED ALUMINUM, INSULATED, 3.06" (77.7MM) BLADE SPACING
- SEALS - DUAL DUROMETER VINYL BLADE SEAL, -40° F. TO +200° F.
- SHAFTS - .19" X 1.25" (4.8MM X 31.8MM) PLATED STEEL
- BEARINGS - .19" (4.8MM) NYLON BUSHINGS
- LINKAGE - INSIDE AIRSTREAM, ON ENTERING SIDE
- C.B. WTS. - AS REQUIRED
- FINISH - MILL ALUMINUM
- SIZE - MINIMUM 12" W X 12" H (304.8MM X 304.8MM)
- MAXIMUM 32" W X 60" H (812.8MM X 1524MM)

OPTIONS

- FRAME - FLANGE, REVERSE FLANGE 3" X 1.5" 76.2MM X 38.1MM)
- SCREEN - AS REQUIRED, BDX-3C3-LB, SCREEN IS ON FACE. WHEN SCREEN IS USED BLADES ONLY OPEN TO APPROX. 45°.
- FINISH - ANODIZED, PRIME COAT, BAKED ENAMEL

TECHNICAL NOTES

- CAUTION - DO NOT USE FOR INTAKE UNLESS WITH OUTSIDE WEATHER COWL
- BDXI-3C3-LB - RECOMMENDED ON LARGER DAMPERS BECAUSE OF LINKAGE WEIGHT
- MAX. RECOMMENDED VEL. - 3000 FPM
- MAXIMUM TEMPERATURE - 200° F.
- MAXIMUM WIDTH - 5.5" (139.7MM) WHEN BLADE IS IN FULL OPEN POSITION PLUS CLEARANCE FOR COUNTER BALANCE WEIGHTS SEE ABOVE
- SHIPPING WEIGHT - APPROX. 5 LB/SQ. FT.

DAMPERS 3F3 & 3RF ARE MANUFACTURED TO .5 (12.7MM) SMALLER THAN OPENING SIZE UNLESS EXACT DIMENSIONS ARE STATED AND 3C3 IS .25" (6.4MM) UNDERSIZED.

* FOR MORE INFORMATION, CONTACT OUR FACTORY *

NOTE: PLEASE SPECIFY WHETHER YOU WANT - CHANNEL FLANGE, OR REVERSE FLANGE AND WALL MOUNT OR CEILING MOUNT.

NOTES

APPROVAL

DATE:
PROJECT:
ENGINEER:
CUSTOMER:
DISTRIBUTOR:

BDXI-3C3-INSUL