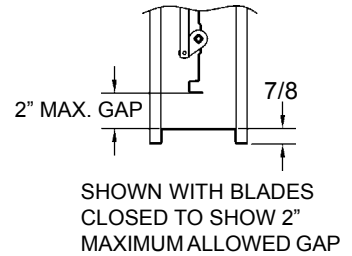


MANUAL QUADRANT AND
EXTENDED SHAFT
(SHIPPED LOOSE)



AVAILABLE OPTIONS

- BEARINGS:
OIL IMPREGNATED BRONZE
STAINLESS STEEL
- 2" STANDOFF FOR MANUAL QUADRANT

ABI Item No.	Quantity	"A" Wide Opening	"B" High Opening	Comments/Options

SPECIFICATIONS

- FRAME: 5-1/2" x 7/8" x 16-GA GALVANIZED STEEL HAT CHANNEL
- BLADES: PARALLEL 16-GA GALVANIZED STEEL, 6" NOMINAL WIDTH
- AXLES: PLATED STEEL STUB
- BEARINGS: NON-METALLIC NYLON
- LINKAGE: PLATED STEEL BAR AND CRANK PLATE WITH STAINLESS STEEL PIVOTS, IN-JAMB TYPE
- STOPS: NONE PROVIDED, UNLESS GAP EXCEEDS 2"; SEE DETAIL.
- FINISH: MILL.
- ACTUATOR: A 1/2" DIAMETER REMOVABLE EXTENDED SHAFT WITH INDIVIDUAL PANEL LOCKING MANUAL QUADRANT AND GASKET.

NOTES

- MEETS SMACNA'S DUCT CONSTRUCTION STANDARDS FOR VOLUME DAMPERS.
- MAXIMUM SINGLE SECTION SIZE: 48"W x 48"H
MINIMUM SINGLE SECTION SIZE: 6"W x 8"H.
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) DIMENSIONS ARE OPENING SIZES. DAMPERS WILL BE FABRICATED 1/4" UNDERSIZE.
- MAXIMUM FACE VELOCITY: 2000 FPM
MAXIMUM DIFFERENTIAL PRESSURE: 4" W.G.
- IF POSITIVE SHUT OFF IS REQUIRED, CONSIDER DAMPER MODEL AC-1 OR AC-2.
- DAMPERS SHORTER THAN 12" ARE SINGLE BLADE.

PROJECT: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

PO NUMBER: _____

DATE: _____

BALANCING DAMPER

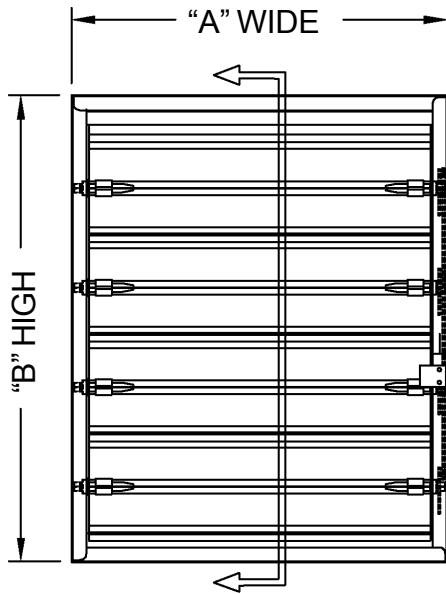
Single Thickness Opposed Blades
200° Max. Temperature

AB-2

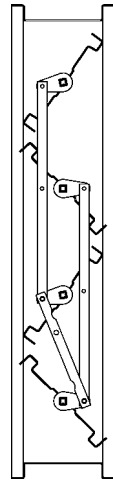
AVAILABLE OPTIONS

BEARINGS:
OIL IMPREGNATED BRONZE
STAINLESS STEEL

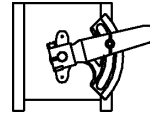
2" STANDOFF FOR MANUAL QUADRANT



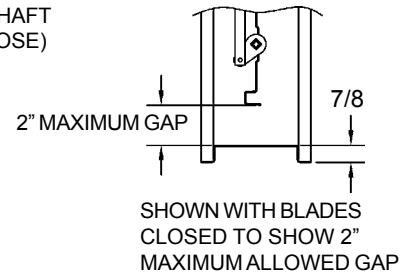
FACE VIEW



SECTION A-A



MANUAL QUADRANT AND
EXTENDED SHAFT
(SHIPPED LOOSE)



SHOWN WITH BLADES
CLOSED TO SHOW 2"
MAXIMUM ALLOWED GAP

ABI Item No.	Quantity	"A" Wide Opening	"B" High Opening	Comments/Options

SPECIFICATIONS

- FRAME: 5-1/2" x 7/8" x 16-GA GALVANIZED STEEL HAT CHANNEL
 BLADES: OPPOSED 16-GA GALVANIZED STEEL, 6" NOMINAL WIDTH
 AXLES: PLATED STEEL STUB
 BEARINGS: NON-METALLIC NYLON
 LINKAGE: PLATED STEEL BAR AND CRANK PLATE WITH STAINLESS STEEL PIVOTS, IN-JAMB TYPE
 STOPS: NONE PROVIDED, UNLESS GAP EXCEEDS 2"; SEE DETAIL.
 FINISH: MILL.
 ACTUATOR: A 1/2" DIAMETER REMOVABLE EXTENDED SHAFT WITH INDIVIDUAL PANEL LOCKING MANUAL QUADRANT AND GASKET.

NOTES

- MEETS SMACNA'S DUCT CONSTRUCTION STANDARDS FOR VOLUME DAMPERS.
- MAXIMUM SINGLE SECTION SIZE: 48"W x 48"H
MINIMUM SINGLE SECTION SIZE: 6"W x 12"H.
- DIMENSIONS: "A" (WIDTH) AND "B" (HEIGHT) DIMENSIONS ARE OPENING SIZES. DAMPERS WILL BE FABRICATED 1/4" UNDERSIZE.
- MAXIMUM FACE VELOCITY: 2000 FPM
MAXIMUM DIFFERENTIAL PRESSURE: 4" W.G.
- IF POSITIVE SHUT OFF IS REQUIRED, CONSIDER DAMPER MODEL AC-1 OR AC-2.

PROJECT: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____
 PO NUMBER: _____
 DATE: _____